

NIKKON[®]
LED LIGHTING

ABOUT US



Success Electronics & Transformer Manufacturer Sdn. Bhd. (SETM) is a wholly owned subsidiary of Success Transformer Corporation Berhad (STC), a public company listed on the Main Market of Bursa Malaysia Securities since 2007. SETM is largely engaged in the designing, manufacturing and distribution of industrial lighting, transformers and electrical apparatus.

We have established reputable in-house flagship brands, namely NIKKON and iLCS. These brands have marked their achievement and successfully addressed the evolving needs of modern industries and urban living. Over the years, we have positioned ourselves as a key player in the lighting market and a leading provider of industrial lighting solutions.

SETM is known for producing high quality products that offer exceptional performance, reliability and stability, supported by our state-of-the-art manufacturing facilities. SETM focuses on strengthening its brand presence and expanding market reach. We serve the domestic market through a distribution network of over 850 distributors and export our products to more than 100 countries worldwide.

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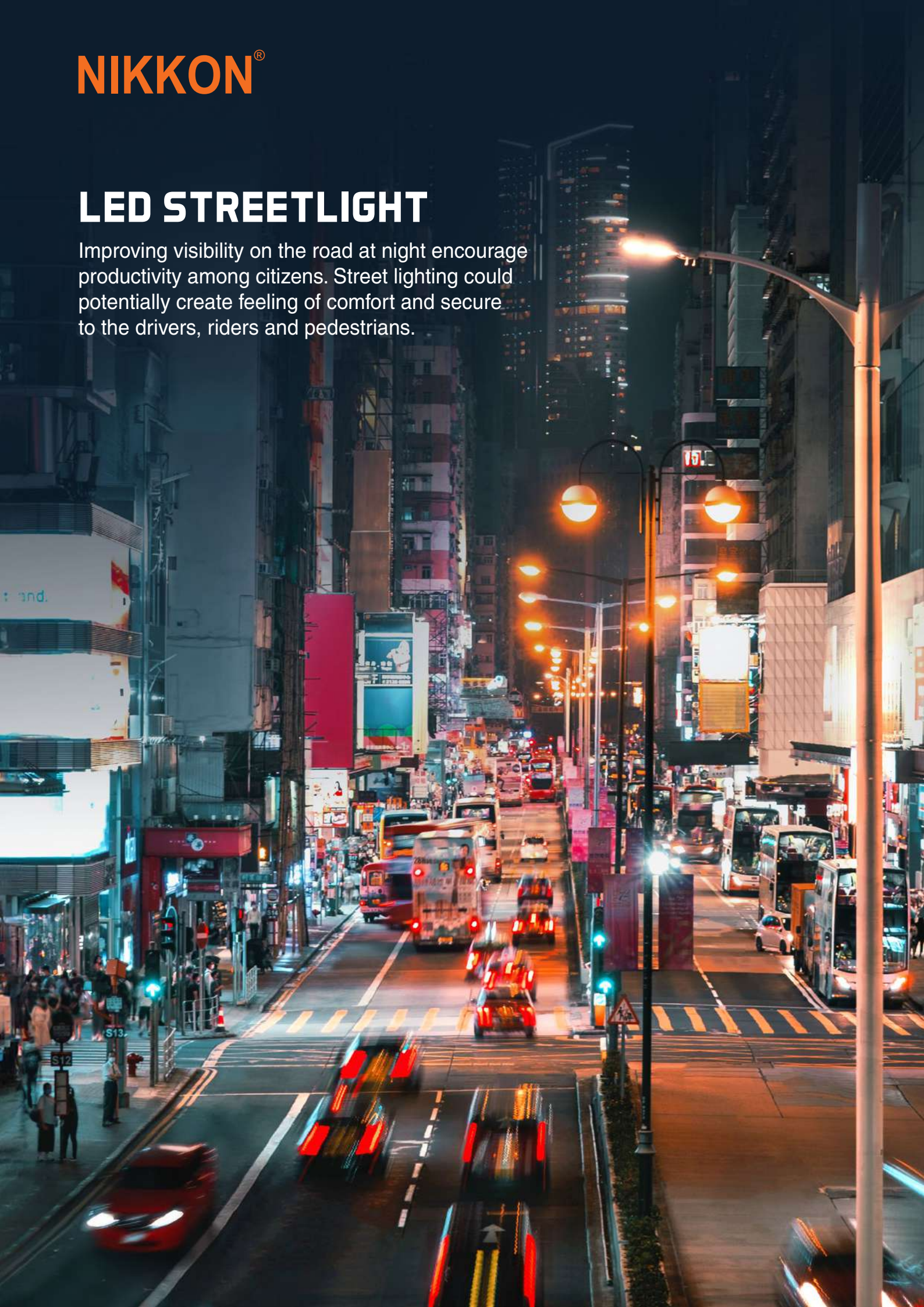
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NIKON®

LED STREETLIGHT

Improving visibility on the road at night encourage productivity among citizens. Street lighting could potentially create feeling of comfort and secure to the drivers, riders and pedestrians.



NIKKON®



LEDXION S466



LUMINAIRE SPECIFICATIONS

- System Power 200W
250W
300W
350W
- Fitting Material Non-Corrosive Die-Cast Aluminium
- Fitting Color Interpon300AS 94-163X2/T
- Optical Cover High Transparency Tempered Glass
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +50°C
- Installation Ø60mm Side Entry / Post Top
- Surge Protections 10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

- Driver 1-10V Dimming, Full Programmable
- Optics Type I, Type II, Type III, Type IV, Type V or Type Asy Lens
- Control Intelligent Light Control System
- Installation Mounting Bracket (Highmast Lighting)

LED MODULE SPECIFICATIONS

- Color Temperature 3000K Warm White
4000K Neutral White
5000K Cool White
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C
- PCB Material Ceramic (Alumina Substrate)
- PCB Trace Silver Conductor (Ag)
- SMD Connector WAGO 2060 Series

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
- Luminaire LM79, IEC60598-1, IEC60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, CISPR 15, IEC62722



APPLICATION

- Motor Ways, Municipal Areas, Expressways, Highmasts, Tennis / Sport Courts, Carparks, Jetties & Ports

MEASUREMENT & ORDER CODE

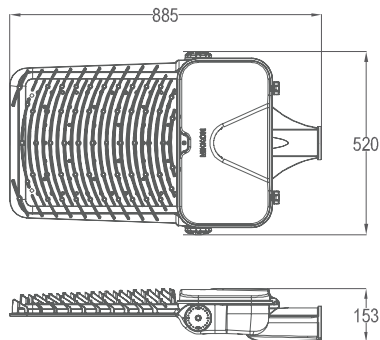
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
200W	K09129 S466 200W	80	26360	216	840 x 540 x 275	18.0 kg
250W	K09129 S466 250W	100	32610	265	840 x 540 x 275	18.0 kg
300W	K09129 S466 300W	120	38870	315	840 x 540 x 275	18.0 kg
350W	K09129 S466 350W	120	43610	373	840 x 540 x 275	18.0 kg

* Please indicate LED color temperature and optic when ordering.
* All result tested base on 5000K CCT LEDs.

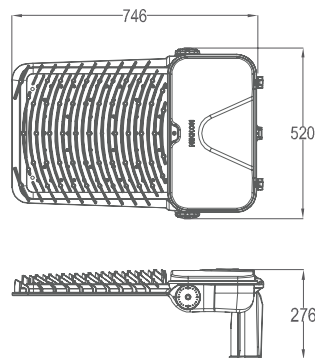


DIMENSION

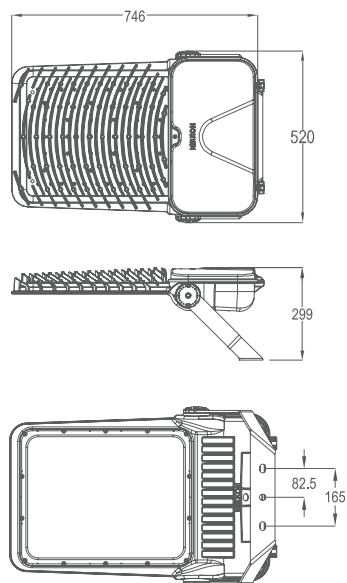
Side Entry



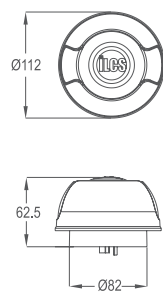
Post Top



Mounting Bracket

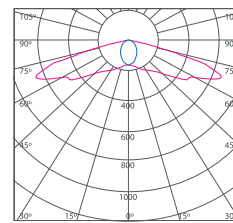


Light Control Unit

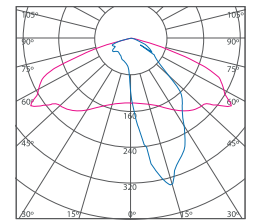


PHOTOMETRIC

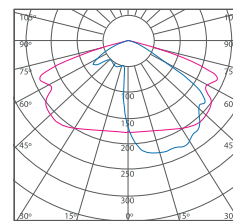
Type I



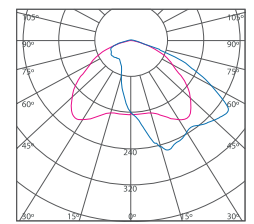
Type II



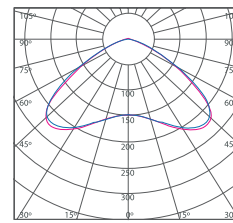
Type III



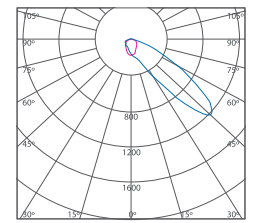
Type IV



Type V



Type ASY



LEDXION GALAXY M1 & M2



GALAXY M1



GALAXY M2

LUMINAIRE SPECIFICATIONS

• Power	M1 - 30W, 60W, 90W, 120W M2 - 120W, 140W, 160W, 180W, 200W, 220W
• Fitting Material	Die Cast Aluminium
• Fitting Color	White Aluminium, Akzo Nobel RAL9006
• Optical Cover	High Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I (Class II Upon Request)
• Operating Temperature	-30 ~ +50°C
• Surge Protections	10KV, 20KA
• Installation	M1 - Ø48 mm or Ø60 mm (Upon Request) M2 - Ø60 mm

OPTIONAL FEATURES (UPON REQUEST)

• Driver	1-10V Dimming, Time Diming Control, Constant Current-Output
• Optics	Type II or Type III Lens
• Control	Intelligent Light Control System

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
30W	K09132 M1 30W	72	4185	31	550 x 400 x 235	9.0 kg
60W	K09132 M1 60W	72	8370	62	550 x 400 x 235	9.0 kg
90W	K09132 M1 90W	108	12420	92	550 x 400 x 235	9.0 kg
120W	K09132 M1 120W	108	13500	122	550 x 400 x 235	9.0 kg
120W	K09133 M2 120W	240	16430	120	840 x 325 x 560	17.0 kg
140W	K09133 M2 140W	240	19180	142	840 x 325 x 560	17.0 kg
160W	K09133 M2 160W	240	21540	165	840 x 325 x 560	17.0 kg
180W	K09133 M2 180W	300	23410	182	840 x 325 x 560	17.0 kg
200W	K09133 M2 200W	300	26400	201	840 x 325 x 560	17.0 kg
220W	K09133 M2 220W	300	29250	234	840 x 325 x 560	17.0 kg

* Please indicate LED color temperature and optic when ordering.

* All result tested base on 5000K CCT LEDs.

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core
• PCB Trace	Copper
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, IEC62722



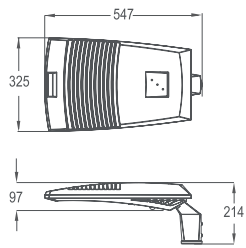
APPLICATION

- M1 - Pathways, Car Parks, Foot Paths, Access Ways, Parks, Road Lightings, Residential Areas & Pedestrian Areas
- M2 - Pedestrian Areas, Residential Areas, Rural Roads, Urban Roads & Expressway Lightings

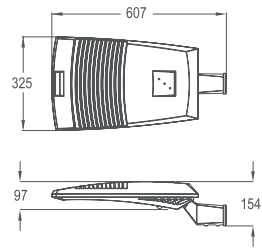


DIMENSION

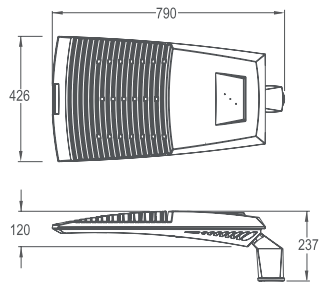
K09132 M1 - Post Top



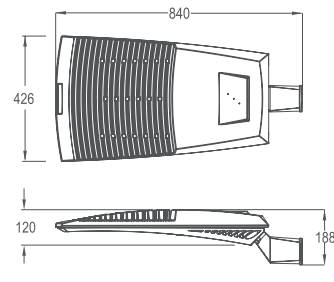
K09132 M1 - Side Entry



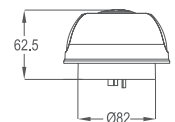
K09133 M2 - Post Top



K09133 M2 - Side Entry

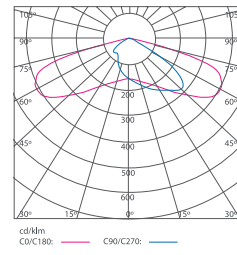


Light Control Unit

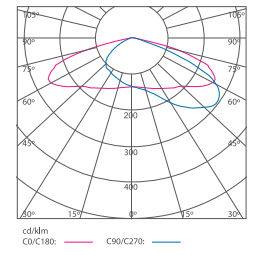


PHOTOMETRIC

Type I



Type II



LEDXION S536



LUMINAIRE SPECIFICATIONS

• Power	150W 170W 180W 190W 200W 210W
• Fitting Material	Die Cast Aluminium
• Fitting Color	Dark Gray, Akzo Nobel RAL7012
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Surge Protections	10KV, 20KA
• Installation	Ø48 - 60mm

OPTIONAL FEATURES (UPON REQUEST)

• Driver	Time Control, 1-10V Dimming, Full Programmable
• Control	Intelligent Light Control System
• Sensor	NEMA Photocell

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	K09131 150W	70	20110	157	800 x 380 x 200	13.0 kg
170W	K09131 170W	80	22130	174	800 x 380 x 200	13.0 kg
180W	K09131 180W	80	23110	185	800 x 380 x 200	13.0 kg
190W	K09131 190W	90	23885	197	800 x 380 x 200	13.0 kg
200W	K09131 200W	90	24742	207	800 x 380 x 200	13.0 kg
210W	K09131 210W	90	25570	217	800 x 380 x 200	13.0 kg

* Please indicate LED color temperature and optic when ordering.
 * Programmable dimming LED driver is available upon request.
 * All result tested base on 5000K CCT LEDs.

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Ceramic (Alumina Substrate)
• PCB Trace	Silver Conductor (Ag)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, CISPR 15, IEC62722

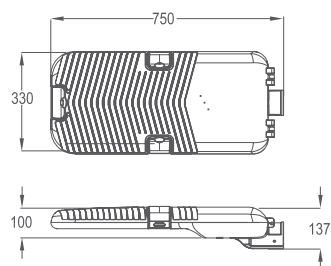


APPLICATION

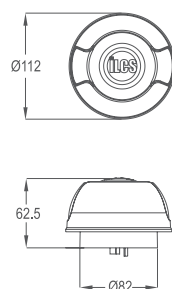
- Rural Roads, Urban Roads, Express Ways, Car Parks, Roundabouts, Motorways & Municipal Areas



DIMENSION

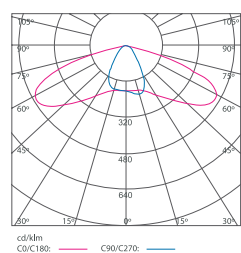


Light Control Unit

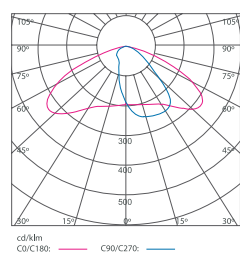


PHOTOMETRIC

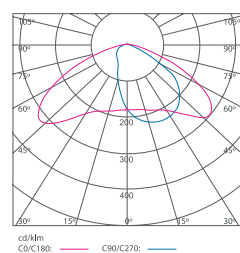
Type 1



Type 2



Type 3



LEDXION S533



LUMINAIRE SPECIFICATIONS

• Power	90W 120W 150W 170W
• Fitting Material	Die Cast Aluminium
• Fitting Color	Dark Gray, Akzo Nobel RAL7012
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Surge Protections	10KV, 20KA
• Installation	Ø48 - 60mm

OPTIONAL FEATURES (UPON REQUEST)

• Driver	Time Control, 1-10V Dimming, Full Programmable
• Control	Intelligent Light Control System
• Sensor	NEMA Photocell

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Ceramic (Alumina Substrate)
• PCB Trace	Silver Conductor (Ag)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, CISPR 15, IEC62722



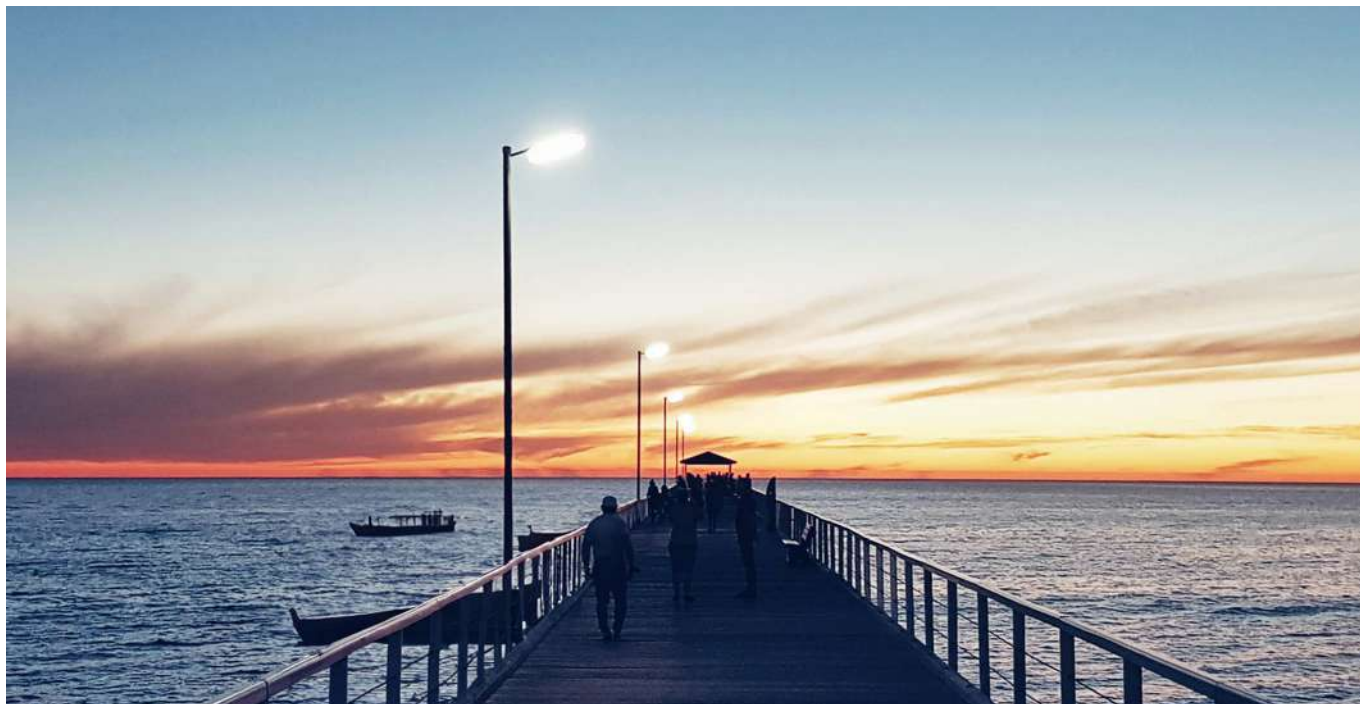
APPLICATION

- Rural Roads, Urban Roads, Express Ways, Car Parks, Roundabouts, Motorways & Municipal Areas

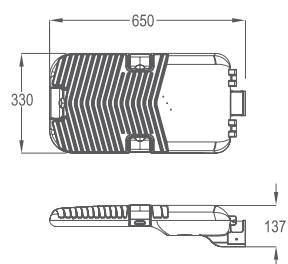
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
90W	K09130 90W	42	11685	95	660 x 360 x 210	11.0 kg
120W	K09130 120W	56	15650	125	660 x 360 x 210	11.0 kg
150W	K09130 150W	70	19080	155	660 x 360 x 210	11.0 kg
170W	K09130 170W	70	21200	177	660 x 360 x 210	11.0 kg

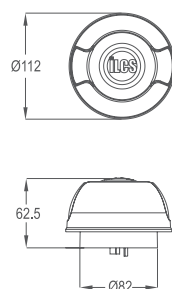
* Please indicate LED color temperature and optic when ordering.
* Programmable dimming LED driver is available upon request.
* All result tested base on 5000K CCT LEDs.



DIMENSION

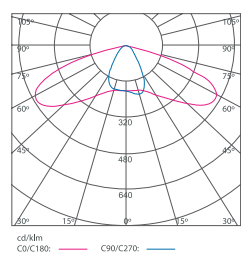


Light Control Unit

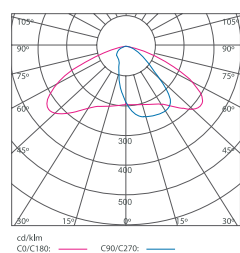


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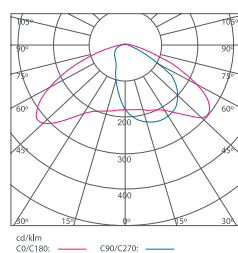
Type 1



Type 2



Type 3



LEDXION S436 EA



LUMINAIRE SPECIFICATIONS

• Power	125W 150W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Dark Gray, Akzo Nobel RAL7012
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Ø48 - 60mm Side Entry
• Surge Protections	10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

• Driver	Time Control, DALI, 1-10V Dimming, Full Programmable
• Optics	Type I, Type II, Type III or Type IV Lens
• Control	Intelligent Light Control System
• Sensor	Mini Photocell, NEMA Photocell

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Ceramic (Alumina Substrate)
• PCB Trace	Silver Conductor (Ag)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, CISPR 15



APPLICATION

- Residential Areas, Municipal & Expressway Lightings

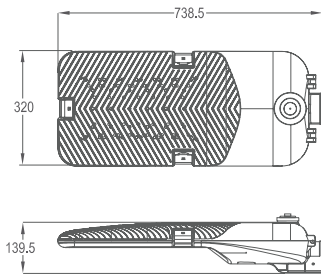
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
125W	K09220 EA 125W	60	17050	132	800 x 380 x 200	11.0 kg
150W	K09220 EA 150W	72	20600	160	800 x 380 x 200	11.0 kg

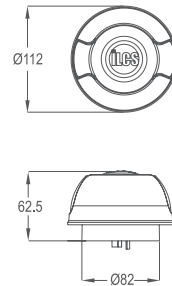
* Please indicate LED color temperature and optic when ordering.
 * Programmable dimming LED driver is available upon request.
 * All result tested base on 5000K CCT LEDs.



DIMENSION

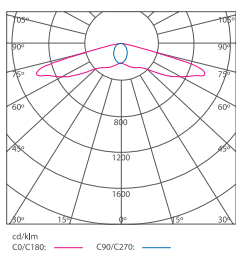


Light Control Unit

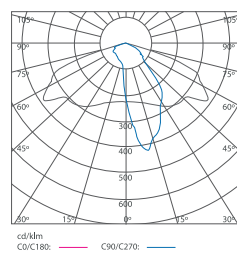


PHOTOMETRIC

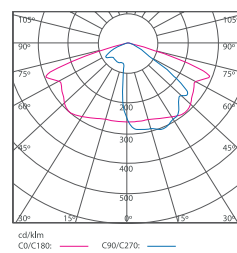
Type I



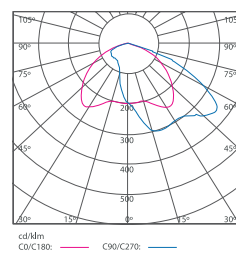
Type II



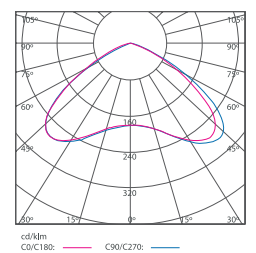
Type III



Type IV



Type V



LEDXION S436



LUMINAIRE SPECIFICATIONS

• Power	150W 170W 190W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Dark Gray, Akzo Nobel RAL7012
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Ø48 - 60mm Side Entry
• Surge Protections	10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

• Driver	Time Control, DALI, 1-10V Dimming, Full Programmable
• Control	Intelligent Light Control System
• Sensor	Mini Photocell, NEMA Photocell

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Ceramic (Alumina Substrate)
• PCB Trace	Silver Conductor (Ag)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, CISPR 15, IEC62722



APPLICATION

- Residential Areas, Municipal & Expressway Lightings

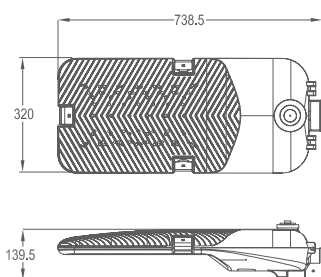
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	K09220 150W	70	20700	153	800 x 380 x 200	11.0 kg
170W	K09220 170W	80	23600	180	800 x 380 x 200	11.0 kg
190W	K09220 190W	90	26500	198	800 x 380 x 200	11.0 kg

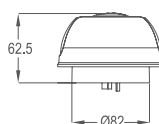
* Please indicate LED color temperature when ordering.
 * Programmable dimming LED driver is available upon request.
 * All result tested base on 5000K CCT LEDs.



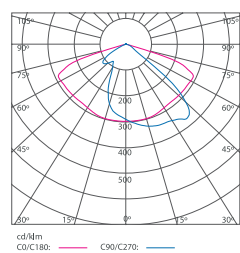
DIMENSION



Light Control Unit



PHOTOMETRIC



ARGENTO S436-MP



LUMINAIRE SPECIFICATIONS

• Power	150W 180W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	White Aluminium, Akzo Nobel RAL9006
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Ø48 - 60mm Side Entry
• Surge Protections	10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

• Optics	Type II or Type III Lens
• Control	Intelligent Light Control System
• Sensor	Mini Photocell, NEMA Photocell

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core (Aluminium)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, IEC62722



APPLICATION

- Residential Areas, Municipal Areas, Expressway Lightings, Commercial Areas, Parking Areas & Parks

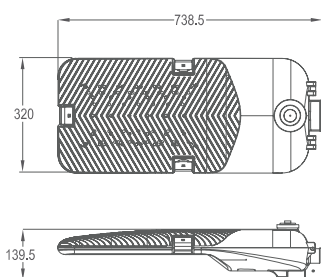
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	K09220 150W	216	21722	158.6	800 x 380 x 200	11.0 kg
180W	K09220 180W	216	24259	187.3	800 x 380 x 200	11.0 kg

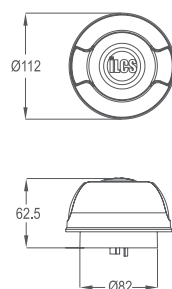
* Please indicate LED color temperature and optic when ordering.
* All result tested base on 5000K CCT LEDs.



DIMENSION

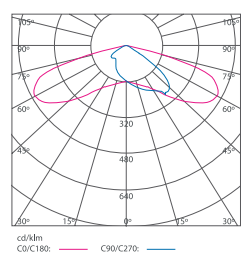


Light Control Unit

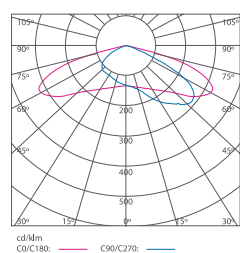


PHOTOMETRIC

Type II



Type III



LEDXION S433 EA



LUMINAIRE SPECIFICATIONS

• Power	75W 100W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Dark Gray, Akzo Nobel RAL7012
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Ø48 - 60mm Side Entry
• Surge Protections	10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

• Driver	Time Control, DALI, 1-10V Dimming, Full Programmable
• Optics	Type I, Type II, Type III or Type IV Lens
• Control	Intelligent Light Control System
• Sensor	Mini Photocell, NEMA Photocell

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Ceramic (Alumina Substrate)
• PCB Trace	Silver Conductor (Ag)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, CISPR 15



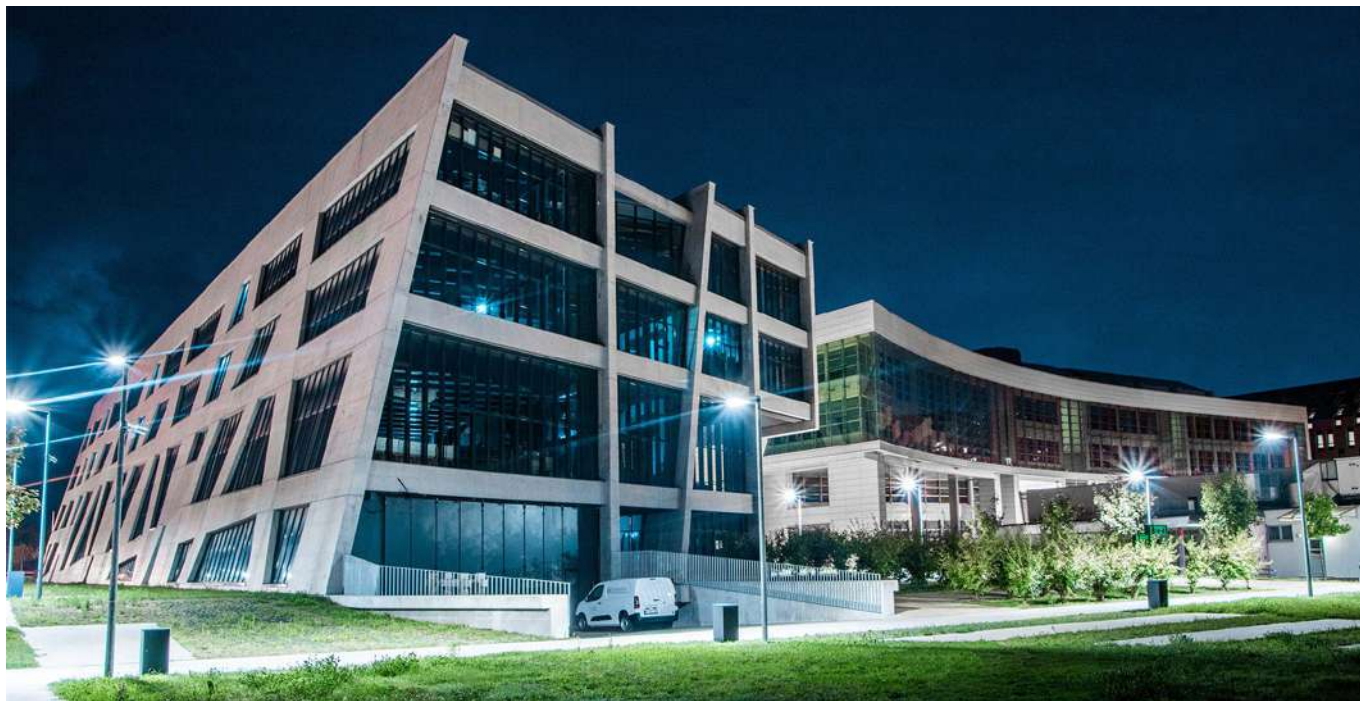
APPLICATION

- Residential Areas, Municipal, Expressway & Facade Lightings

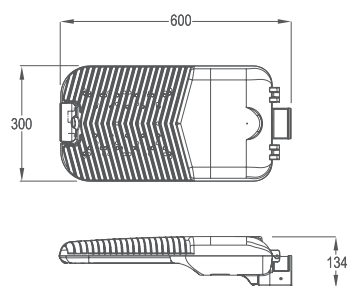
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
75W	K09121 EA 75W	36	10800	83	660 x 360 x 210	9.0 kg
100W	K09121 EA 100W	48	13840	105	660 x 360 x 210	9.0 kg

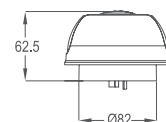
* Please indicate LED color temperature and optic when ordering.
 * Programmable dimming LED driver is available upon request.
 * All result tested base on 5000K CCT LEDs.



DIMENSION

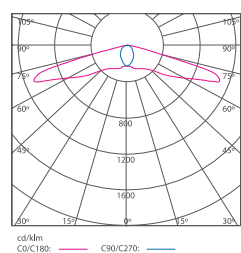


Light Control Unit

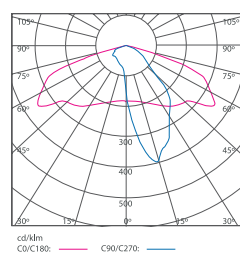


PHOTOMETRIC

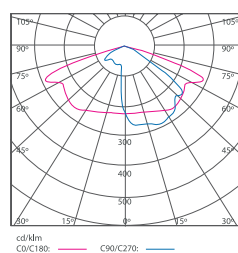
Type I



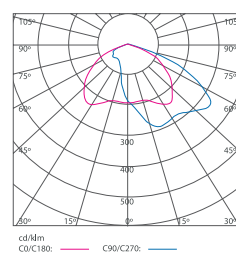
Type II



Type III



Type IV



LEDXION S433



LUMINAIRE SPECIFICATIONS

• Power	90W 100W 120W 150W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Dark Gray, Akzo Nobel RAL7012
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Ø48 - 60mm Side Entry
• Surge Protections	10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

• Driver	Time Control, DALI, 1-10V Dimming, Full Programmable
• Control	Intelligent Light Control System
• Sensor	Mini Photocell, NEMA Photocell

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Ceramic (Alumina Substrate)
• PCB Trace	Silver Conductor (Ag)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, CISPR 15, IEC62722



APPLICATION

- Residential Areas, Municipal & Expressway Lightings

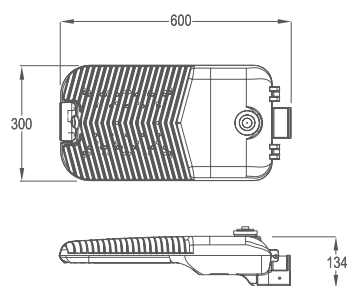
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEADS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
90W	K09121 90W	42	12270	93	660 x 360 x 210	9.0 kg
100W	K09121 100W	42	13000	100	660 x 360 x 210	9.0 kg
120W	K09121 120W	56	15800	120	660 x 360 x 210	9.0 kg
150W	K09121 150W	70	19860	151	660 x 360 x 210	9.0 kg

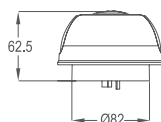
* Please indicate LED color temperature when ordering.
 * Programmable dimming LED driver is available upon request.
 * All result tested base on 5000K CCT LEDs.



DIMENSION

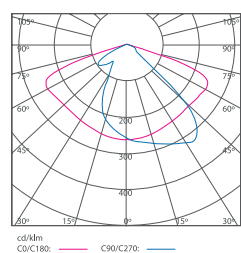


Light Control Unit

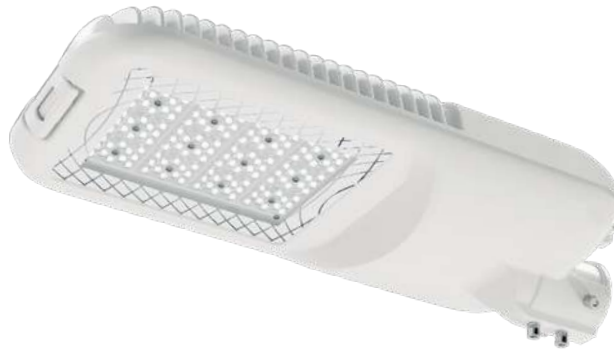


PHOTOMETRIC

K09121 150W



ARGENTO S433-MP



LUMINAIRE SPECIFICATIONS

• Power	90W 100W 120W 150W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	White Aluminium, Akzo Nobel RAL9006
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Ø48 - 60mm Side Entry
• Surge Protections	10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

• Optics	Type II or Type III Lens
• Control	Intelligent Light Control System
• Sensor	Mini Photocell, NEMA Photocell

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core (Aluminium)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471, IEC62722



APPLICATION

- Residential Areas, Municipal Areas, Commercial Areas, Parking Areas & Parks

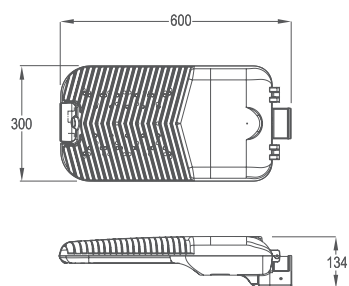
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
90W	K09121 90W	K09121 90W	10041	86.9	660 x 360 x 210	7.0 kg
100W	K09121 100W	K09121 100W	14021	107.5	660 x 360 x 210	7.0 kg
120W	K09121 120W	K09121 120W	14193	120.5	660 x 360 x 210	7.0 kg
150W	K09121 150W	K09121 150W	17101	157.3	660 x 360 x 210	7.0 kg

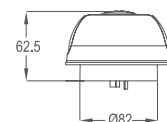
* Please indicate LED color temperature and optic when ordering.
* All result tested base on 3000K CCT LEDs.



DIMENSION

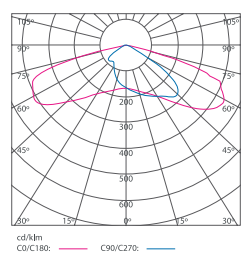


Light Control Unit

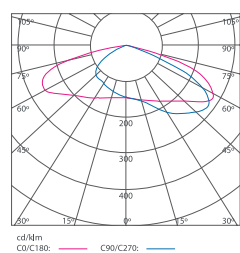


PHOTOMETRIC

Type II



Type III



LEDXION S439



LUMINAIRE SPECIFICATIONS

• Power	30W 40W 60W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Dark Gray, Akzo Nobel RAL7012
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Ø42 - 60mm Side Entry * Post Top Spigot is Available Upon Request.
• Surge Protections	10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

• Driver	1-10V Dimming
• Control	Intelligent Light Control System
• Sensor	Mini Photocell

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Ceramic (Alumina Substrate)
• PCB Trace	Silver Conductor (Ag)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471



APPLICATION

- Pathways, Parks, Car Parks, Foot Paths, Access Ways, Road Lightings & Residential Areas

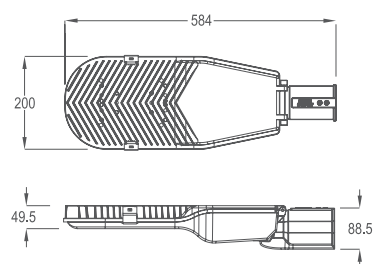
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
30W	K09360 30W	14	4150	34	600 x 245 x 158	4.0 kg
40W	K09360 40W	18	5660	42	600 x 245 x 158	4.0 kg
60W	K09360 60W	28	8200	66	600 x 245 x 158	4.2 kg

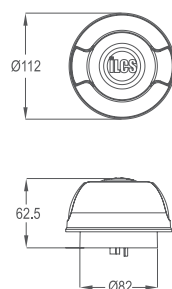
* Please indicate LED color temperature when ordering.
* All result tested base on 5000K CCT LEDs.



DIMENSION

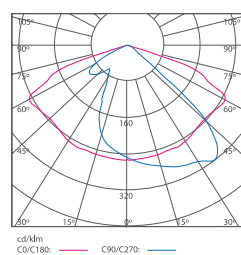


Light Control Unit



PHOTOMETRIC

K09360 60W



ARGENTO S439-MP



LUMINAIRE SPECIFICATIONS

• Power	30W 40W 60W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	White Aluminium, RAL9006
• Optical Cover	95% Transparency Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Ø42 - 60mm Side Entry * Post Top Spigot is Available Upon Request.
• Surge Protections	10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

• Optics	Type II or Type III Lens
• Control	Intelligent Light Control System

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core (Aluminium)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547
• Luminaire	LM79, EN60598-1, EN60598-2-3, EN62493, EN55015, EN61547, EN61000, EN62471



APPLICATION

- Pathways, Parks, Car Parks, Foot Paths, Access Ways, Road Lightings & Residential Areas

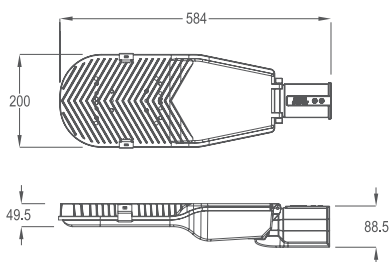
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
30W	K09360 S439-MP 30W	48	3800	34	600 x 245 x 158	4.2 kg
40W	K09360 S439-MP 40W	48	4800	44	600 x 245 x 158	4.2 kg
60W	K09360 S439-MP 60W	72	7200	65	600 x 245 x 158	4.2 kg

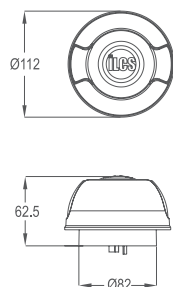
* Please indicate LED color temperature and optic when ordering.
* All result tested base on 5000K CCT LEDs.



DIMENSION

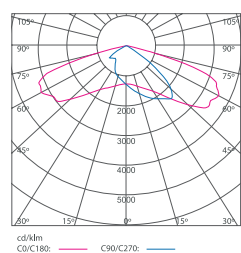


Light Control Unit

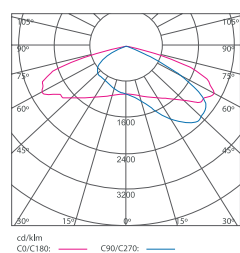


PHOTOMETRIC

Type II



Type III



SIGMA



SIGMA-M

LUMINAIRE SPECIFICATIONS

• Power	SIGMA-M 60W SIGMA-M 90W SIGMA-M 100W SIGMA-M 120W SIGMA-M 150W
• Enclosure Material	Die Cast Aluminium
• Optical Cover	95% Transparency Tempered Glass
• Gasket Material	Silicone Rubber Foam
• Fitting Color	Dark Grey Durable Polyester Epoxy Powder Coating
• Operating Temperature	-30 ~ +50°C
• Input Voltage	220 ~ 240 Vac 50 / 60 Hz
• Power Factor	>0.9
• Surge Protection Device (SPD)	20kV, 20kA (20kV, 25kA Upon Request)
• Insulation Classification	Class I
• Ingress Protection	IP66
• Impact Protection	IK09
• Spigot Mounting	0°-15° Tilting Ø48 - Ø60mm Post Top / Side Entry (Standard)

APPLICATION

- Sigma M - Pathways, Car Parks, Foot Paths, Access Ways, Parks
Road Lightings, Residential Areas & Pedestrian Areas

LED MODULE SPECIFICATIONS

• LED Source	5050
• CCT	3000K Warm White 4000K Neutral White 5000K Cool White (Other CCT Upon Request)
• Lumen	≥140 lm / Watt
• CRI	Min 70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core (UL Certified)
• Lens (94% Efficiency)	Type II Type III

COMPLIANCE STANDARD

• LED	Performance - LM80 Safety - UL Environmental - RoHS
• LED DRIVER	Electromagnetic Compatibility (EMC) - EN55015, IEC/EN61000 IEC/EN61547, IEC CISPR Safety - IEC/EN61347, EN62384
• LUMINAIRE	Safety - IEC60598-1, IEC60598-2-3, IEC62471, IEC62031 Electromagnetic Compatibility (EMC) - IEC62471, IEC61000, IEC61547, IEC62493 Performance - LM79, IEC62722
• SPD	Safety - IEC61643-11

MEASUREMENT & ORDER CODE

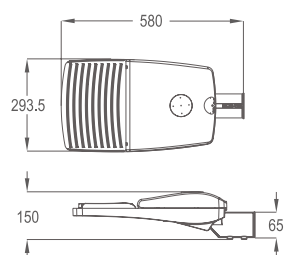
WATTAGE	ORDER CODE	NO. OF LEDS	LUMEN	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
60W	SIGMA-M 60W	32	8400	495 x 315 x 205	6.86 kg
90W	SIGMA-M 90W	48	12600	495 x 315 x 205	7.05 kg
100W	SIGMA-M 100W	72	14000	495 x 315 x 205	7.22 kg
120W	SIGMA-M 120W	72	17460	495 x 315 x 205	7.22 kg
150W	SIGMA-M 150W	72	21385	495 x 315 x 205	7.30 kg

* All result tested base on 4000K CCT LEDs.

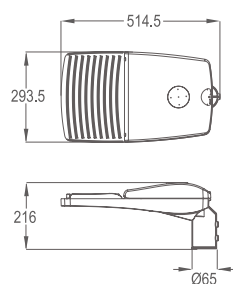


DIMENSION

SIGMA-M-Side Entry

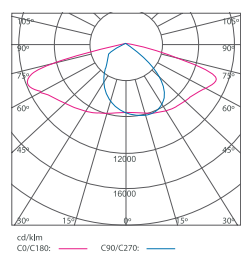


SIGMA-M-Post Top

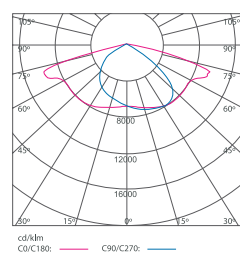


PHOTOMETRIC

Type II



Type III



SIGMA



SIGMA-L

LUMINAIRE SPECIFICATIONS

• Power	SIGMA-L 180W SIGMA-L 200W
• Enclosure Material	Die Cast Aluminium
• Optical Cover	95% Transparency Tempered Glass
• Gasket Material	Silicone Rubber Foam
• Fitting Color	Dark Grey Durable Polyester Epoxy Powder Coating
• Operating Temperature	-30 ~ +50°C
• Input Voltage	220 ~ 240 Vac 50 / 60 Hz
• Power Factor	>0.9
• Surge Protection Device (SPD)	20kV, 20kA (20kV, 25kA Upon Request)
• Insulation Classification	Class I
• Ingress Protection	IP66
• Impact Protection	IK09
• Spigot Mounting	0°-15° Tilting Ø48 - Ø60mm Post Top / Side Entry (Standard)

APPLICATION

- Sigma L - Pedestrian Areas, Residential Areas, Rural Roads
Urban Roads & Expressway Lightings

LED MODULE SPECIFICATIONS

• LED Source	5050
• CCT	3000K Warm White 4000K Neutral White 5000K Cool White (Other CCT Upon Request)
• Lumen	≥140 lm / Watt
• CRI	Min 70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core (UL Certified)
• Lens (94% Efficiency)	Type II Type III

COMPLIANCE STANDARD

• LED	Performance - LM80 Safety - UL Environmental - RoHS
• LED DRIVER	Electromagnetic Compatibility (EMC) - EN55015, IEC/EN61000 IEC/EN61547, IEC CISPR Safety - IEC/EN61347, EN62384
• LUMINAIRE	Safety - IEC60598-1, IEC60598-2-3, IEC62471, IEC62031 Electromagnetic Compatibility (EMC) - IEC62471, IEC61000, IEC61547, IEC62493 Performance - LM79, IEC62722
• SPD	Safety - IEC61643-11

MEASUREMENT & ORDER CODE

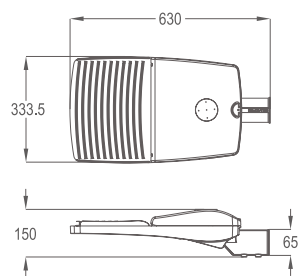
WATTAGE	ORDER CODE	NO. OF LEDS	LUMEN	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
180W	SIGMA-L 180W	96	25710	545 X 350 X 205	8.00 kg
200W	SIGMA-L 200W	96	29650	545 X 350 X 205	8.00 kg

* All result tested base on 4000K CCT LEDs.

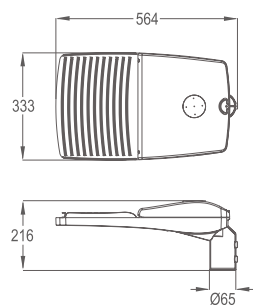


DIMENSION

SIGMA-L-Side Entry

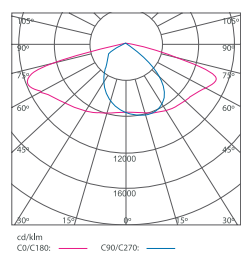


SIGMA-L-Post Top

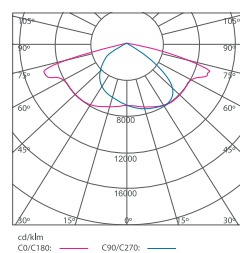


PHOTOMETRIC

Type II



Type III



SIGMA PRO



SIGMA PRO-M

LUMINAIRE SPECIFICATIONS

• Power	SIGMA-M PRO 30W SIGMA-M PRO 40W SIGMA-M PRO 50W SIGMA-M PRO 60W SIGMA-M PRO 70W SIGMA-M PRO 80W SIGMA-M PRO 90W SIGMA-M PRO 100W SIGMA-M PRO 120W SIGMA-M PRO 150W
• Enclosure Material	Die-Cast Aluminium
• Optical Cover	95% Transparency Tempered Glass
• Gasket Material	Silicone Rubber Foam
• Fitting Color	Dark Grey Durable Polyester Epoxy Powder Coating
• Operating Temperature	-30 ~ +50°C
• Input Voltage	220 ~ 240 Vac 50 / 60 Hz
• Power Factor	>0.9
• Surge Protection Device (SPD)	20kV, 20kA
• Insulation Classification	Class I
• Ingress Protection	IP66
• Impact Protection	IK09
• Spigot Mounting	0°-15° Tilting Ø48 - Ø60mm Post Top / Side Entry (Standard)

APPLICATION

- Pathways, Car Parks, Foot Paths, Access Ways, Parks
Road Lightings, Residential Areas & Pedestrian Areas

LED MODULE SPECIFICATIONS

• LED Source	5050
• CCT	3000K Warm White 4000K Neutral White 5000K Cool White (Other CCT Upon Request)
• Lumen	≥140 lm / Watt
• CRI	Min 70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core (UL Certified)
• Lens (94% Efficiency)	Type II Type III

COMPLIANCE STANDARD

• LED	Performance - LM80 Safety - UL Environmental - RoHS
• LED DRIVER	Electromagnetic Compatibility (EMC) - EN55015, IEC/EN61000 IEC/EN61547, IEC CISPR Safety - IEC/EN61347, EN62384
• LUMINAIRE	Safety - IEC60598-1, IEC60598-2-3, IEC62471, IEC62031 Electromagnetic Compatibility (EMC) - IEC62471, IEC61000, IEC61547, IEC62493 Performance - LM79, IEC62722
• SPD	Safety - IEC61643-11

MEASUREMENT & ORDER CODE

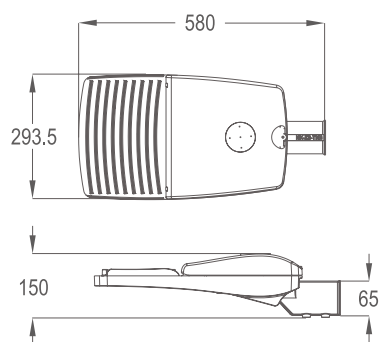
WATTAGE	ORDER CODE	NO. OF LEDs	LUMEN	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
30W	SIGMA-M PRO 30W	32	4500	495 x 315 x 205	6.83 kg
40W	SIGMA-M PRO 40W	32	6000	495 x 315 x 205	6.83 kg
50W	SIGMA-M PRO 50W	32	7500	495 x 315 x 205	6.86 kg
60W	SIGMA-M PRO 60W	32	9000	495 x 315 x 205	6.86 kg
70W	SIGMA-M PRO 70W	48	9800	495 x 315 x 205	7.05 kg
80W	SIGMA-M PRO 80W	48	11200	495 x 315 x 205	7.05 kg
90W	SIGMA-M PRO 90W	48	13500	495 x 315 x 205	7.05 kg
100W	SIGMA-M PRO 100W	72	16000	495 x 315 x 205	7.22 kg
120W	SIGMA-M PRO 120W	72	18600	495 x 315 x 205	7.22 kg
150W	SIGMA-M PRO 150W	72	22500	495 x 315 x 205	7.30 kg

* All result tested base on 4000K CCT LEDs.

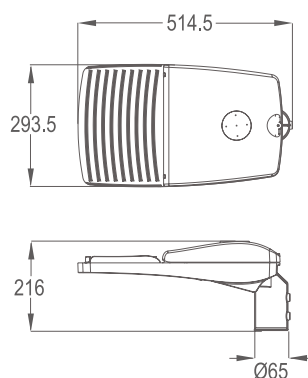


DIMENSION

SIGMA-M PRO Side Entry

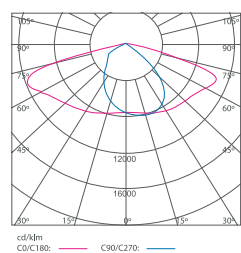


SIGMA-M PRO Post Top

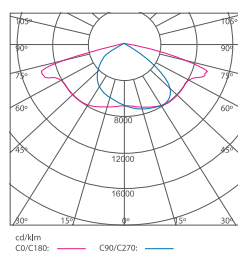


PHOTOMETRIC

TYPE II



TYPE III



SIGMA PRO



SIGMA PRO-L

LUMINAIRE SPECIFICATIONS

• Power	SIGMA-L PRO 180W SIGMA-L PRO 200W SIGMA-L PRO 220W SIGMA-L PRO 240W SIGMA-L PRO 250W SIGMA-L PRO 260W SIGMA-L PRO 280W
• Enclosure Material	Die-Cast Aluminium
• Optical Cover	95% Transparency Tempered Glass
• Gasket Material	Silicone Rubber Foam
• Fitting Color	Dark Grey Durable Polyester Epoxy Powder Coating
• Operating Temperature	-30 ~ +50°C
• Input Voltage	277 ~ 480 Vac 50 / 60 Hz
• Power Factor	>0.9
• Surge Protection Device (SPD)	20kV, 20kA
• Insulation Classification	Class I
• Ingress Protection	IP66
• Impact Protection	IK09
• Spigot Mounting	0°-15° Tilting Ø48 - Ø60mm Post Top / Side Entry (Standard)

APPLICATION

Pedestrian Areas, Residential Areas, Rural Roads
Urban Roads & Expressway Lightings

LED MODULE SPECIFICATIONS

• LED Source	5050
• CCT	3000K Warm White 4000K Neutral White 5000K Cool White (Other CCT Upon Request)
• Lumen	≥140 lm / Watt
• CRI	Min 70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core (UL Certified)
• Lens (94% Efficiency)	Type II Type III

COMPLIANCE STANDARD

• LED	Performance - LM80 Safety - UL Environmental - RoHS
• LED DRIVER	Electromagnetic Compatibility (EMC) - EN55015, IEC/EN61000 IEC/EN61547, IEC CISPR Safety - IEC/EN61347, EN62384
• LUMINAIRE	Safety - IEC60598-1, IEC60598-2-3, IEC62471, IEC62031 Electromagnetic Compatibility (EMC) - IEC62471, IEC61000, IEC61547, IEC62493 Performance - LM79, IEC62722
• SPD	Safety - IEC61643-11

MEASUREMENT & ORDER CODE

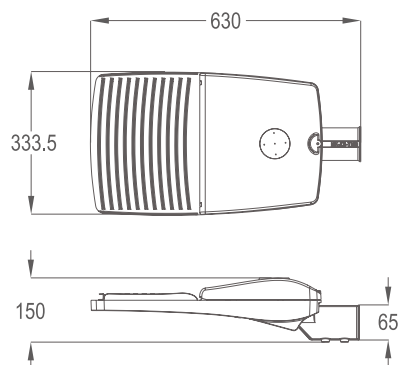
WATTAGE	ORDER CODE	NO. OF LEDS	LUMEN	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
180W	SIGMA-L PRO 180W	96	27000	545 x 350 x 205	8.00 kg
200W	SIGMA-L PRO 200W	96	30000	545 x 350 x 205	8.00 kg
220W	SIGMA-L PRO 220W	96	33000	545 x 350 x 205	8.90 kg
240W	SIGMA-L PRO 240W	96	36000	545 x 350 x 205	8.90 kg
250W	SIGMA-L PRO 250W	128	37500	545 x 350 x 205	8.90 kg
260W	SIGMA-L PRO 260W	128	37700	545 x 350 x 205	8.90 kg
280W	SIGMA-L PRO 280W	128	40600	545 x 350 x 205	8.90 kg

* All result tested base on 4000K CCT LEDs.

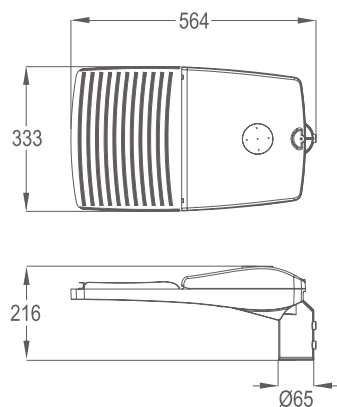


DIMENSION

SIGMA-L PRO Side Entry

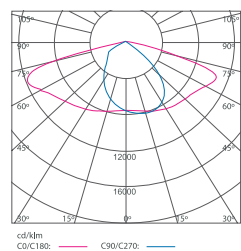


SIGMA-L PRO Post Top

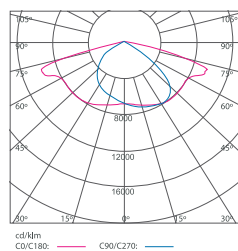


PHOTOMETRIC

TYPE II



TYPE III



SERI



Intelligent Light Control System



SERI-S



SERI-M

LUMINAIRE SPECIFICATIONS

• Power	SERI-S 100W SERI-S 120W SERI-S 150W SERI-M 180W SERI-M 200W
• Enclosure Material	Die-Cast Aluminium
• Optical Cover	95% Transparency Tempered Glass
• Gasket Material	Silicone
• Fitting Color	RAL 9006 Grey Durable Polyester Epoxy Powder Coating
• Operating Temperature	-30 ~ +50°C
• Input Voltage	220~ 240 Vac 50 / 60 Hz
• Power Factor	>0.9
• Surge Protection Device (SPD)	20kV, 20kA
• Insulation Classification	Class I
• Ingress Protection	IP66
• Impact Protection	IK08
• Spigot Mounting	0°-15° Tilting Ø48 - Ø60mm Post Top / Side Entry (Standard)
• NEMA Compatible	Standard NEMA (7-pin, ANSI C136.41) Dimming Receptacle (Upon Request)

APPLICATION

- Pedestrian Areas, Residential Areas, Rural Roads, Urban Roads & Expressway Lightings

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	Lm/W	TYPICAL WATTAGE
100W	EASYBAY 100W Surface	240	16000	163.26	98.0W
120W	EASYBAY 120W Surface	240	20000	169.49	118.0W
150W	EASYBAY 150W Surface	240	25000	169.14	147.8W
100W	EASYBAY 100W Recessed	240	16000	163.26	98.0W
120W	EASYBAY 120W Recessed	240	20000	169.49	118.0W

* All result tested base on 3000K CCT LEDs.

LED MODULE SPECIFICATIONS

• LED Source	5050
• CCT	3000K Warm White 4000K Neutral White 5000K Cool White (4000K & 5000K Upon Request)
• Lumen	≥150 lm / Watt
• CRI	Min 70
• L70	50,000 Hrs
• PCB Material	Metal Core
• Lens (94% Efficiency)	Type II Type III

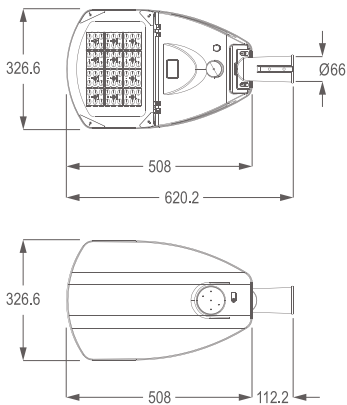
COMPLIANCE STANDARD

• LED	Performance - LM80 Environmental - RoHS
• LED DRIVER	Electromagnetic Compatibility (EMC) - EN55015, IEC/EN61000 IEC/EN61547, IEC CISPR Safety - IEC/EN61347, EN62384
• LUMINAIRE	Safety - IEC60598-1, IEC60598-2-3, IEC62471, IEC62031 Electromagnetic Compatibility (EMC) - IEC62471, IEC61000, IEC61547, IEC62493 Performance - LM79, IEC62722 *Compliance with SIRIM Product Certification and JKR EMAL Certificate
• SPD	Safety - IEC61643-11

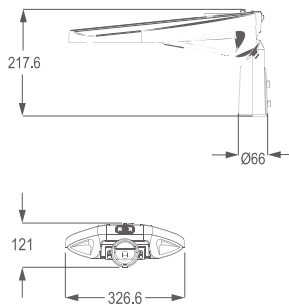


DIMENSION

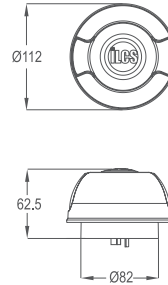
SERI-S-Side Entry



SERI-S-Post Top

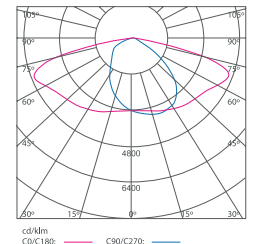


Light Control Unit

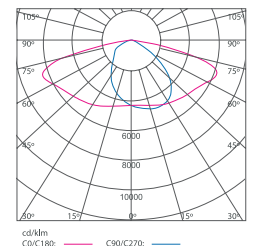


PHOTOMETRIC

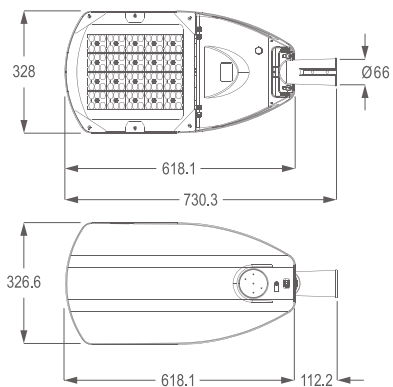
SERI-S



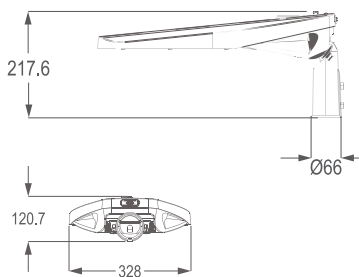
SERI-M



SERI-M-Side Entry



SERI-M-Post Top



DRACO VELO



VELO 30W

VELO 60W

VELO 100W & 120W

VELO 150W & 180W

LUMINAIRE SPECIFICATIONS

- **Power** 30W
60W
100W
120W
150W
180W
- **Fitting Material** Die-Cast Aluminium Non-Corrosive
- **Fitting Color** White Aluminium, Akzo Nobel RAL9006
- **Optical Cover** 95% Transparency Tempered Glass
- **Ingress Protection** IP65
- **Impact Protection** IK08
- **Voltage** 220 ~ 240 Vac 50 / 60Hz
- **Electrical Safety Class** Class I
- **Operating Temperature** -30 ~ +45°C
- **Installation** Ø42mm Side Entry (30W)
Ø48mm Side Entry (60W)
Ø48mm Side Entry (100W & 120W)
Ø60mm Side Entry (150W & 180W)
- **Surge Protections** 10kV, 20kA
- **Beam Angle** 145° x 65°
- **Mounting Height** 6M ~ 15M

LED MODULE SPECIFICATIONS

- **Color Temperature** 3000K Warm White
4000K Neutral White
5000K Cool White
- **Color Rendering Index (CRI)** >70
- **L70** 100,000 Hrs @ 25°C
- **PCB Material** Metal Core

COMPLIANCE STANDARD

- **LED** LM80
- **Driver** CE, EN55015, EN61000, EN61547
- **Luminaire** IEC60598-1, IEC60598-2-3

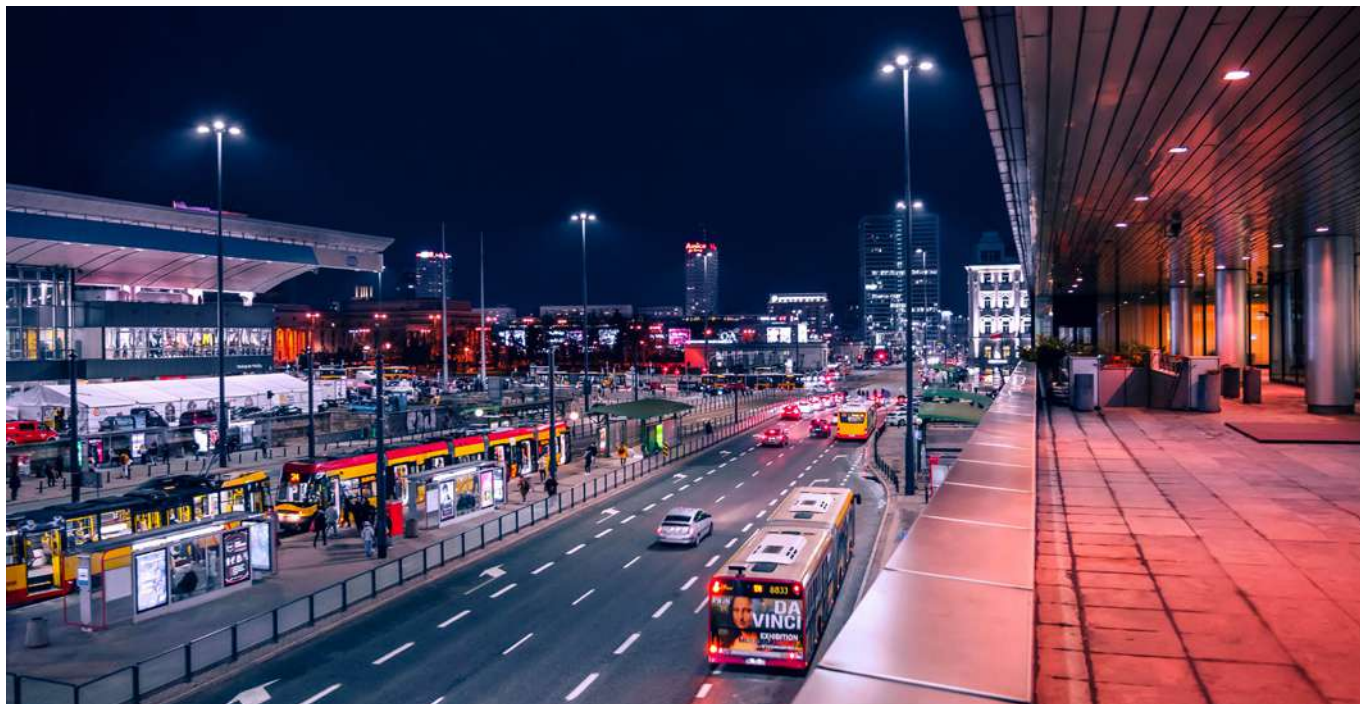
APPLICATION

- Pathways, Parks, Car Parks, Foot Paths, Access Ways, Road Lightings, Residential Areas, Municipal Expressways & Facade Lightings

MEASUREMENT & ORDER CODE

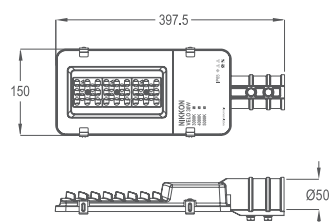
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
30W	VELO 30W	36	4000	34	410 x 170 x 115	1.7 kg
60W	VELO 60W	72	7600	62	465 x 200 x 100	2.5 kg
100W	VELO 100W	144	13000	101	545 x 270 x 105	4.2 kg
120W	VELO 120W	144	15200	120	545 x 270 x 105	4.5 kg
150W	VELO 150W	216	20800	156	715 x 285 x 135	6.0 kg
180W	VELO 180W	216	23100	180	715 x 285 x 135	6.2 kg

* All result tested base on 5000K CCT LEDs.

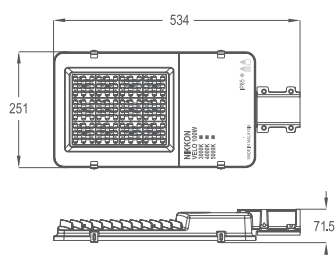


DIMENSION

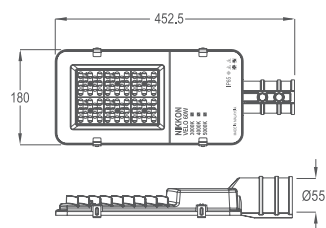
VELO 30W



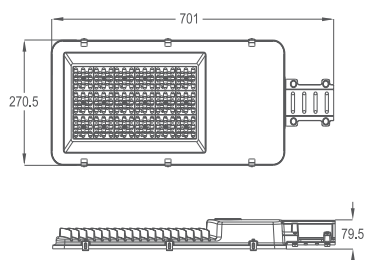
VELO 100W / 120W



VELO 60W

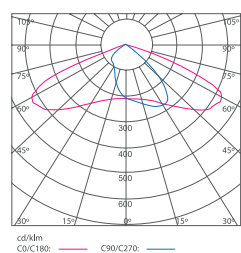


VELO 150W / 180W



PHOTOMETRIC

Type II



MURA



MURA - S



MURA - M

LUMINAIRE SPECIFICATIONS

• Power	MURA - S 30W 40W 50W
	MURA - M 60W 80W 100W
• Fitting Material	Die-Cast Aluminium Non-Corrosive
• Fitting Color	White Aluminium RAL9006
• Optical Cover	Clear Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I Class 2 (Upon Request)
• Operating Temperature	-30 ~ +45°C
• Installation	Pole Top, Side Entry Ø60mm
• Surge Protections	10KV, 20KA
• Beam Angle	150° x 80° / Type II

LED MODULE SPECIFICATIONS

• Color Temperature	3000K 4000K 5000K
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core
• LED Chips	LUMILEDS 5050

FEATURES

• Safety	Cut - Off Switch (MURA - M)
• Clip	Tool Free Opening
• Dimming	1-10V
• Spigot	Adjustable 0-10°
• Nema Socket	7-pin (Upon Request)

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384

APPLICATION

- Pathways, Foot Paths, Parks, Car Parks, Access Ways, Road Lightings & Residential Areas

MEASUREMENT & ORDER CODE

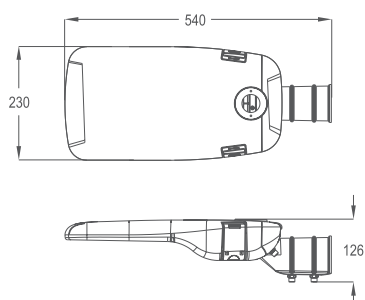
WATTAGE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
MURA - S					
30W	18	4500	32W	585 x 285 x 180	4.70 kg
40W	18	5400	40W	585 x 285 x 180	4.70 kg
50W	18	6800	52W	585 x 285 x 180	4.70 kg
MURA - M					
60W	24	8700	63W	685 x 345 x 180	6.50 kg
80W	32	11600	84W	685 x 345 x 180	6.80 kg
100W	40	14500	105W	685 x 345 x 180	6.90 kg

* All result tested base on 5000K CCT LEDs.

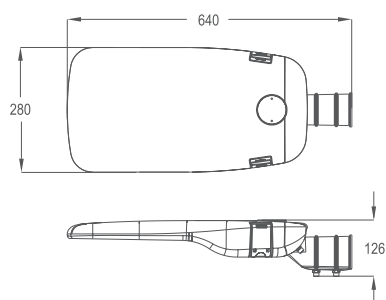


DIMENSION

MURA - S

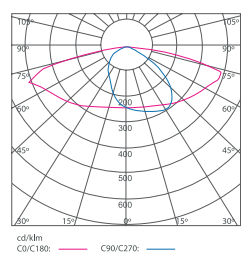


MURA - M

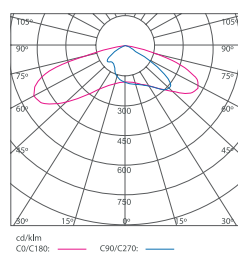


PHOTOMETRIC

MURA - S



MURA - M



MURA



MURA - L



MURA - XL

LUMINAIRE SPECIFICATIONS

• Power	MURA - L	120W 150W 180W
	MURA - XL	200W 220W 250W 280W 300W
• Fitting Material	Die-Cast Aluminium Non-Corrosive	
• Fitting Color	White Aluminium RAL9006	
• Optical Cover	Clear Tempered Glass	
• Ingress Protection	IP66	
• Impact Protection	IK08	
• Voltage	220 ~ 240 Vac 50 / 60Hz	
• Electrical Safety Class	Class I Class 2 (Upon Request)	
• Operating Temperature	-30 ~ +45°C	
• Installation	Pole Top, Side Entry Ø60mm	
• Surge Protections	10KV, 20KA	
• Beam Angle	150° x 80° / Type II	

LED MODULE SPECIFICATIONS

• Color Temperature	3000K 4000K 5000K
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core
• LED Chips	LUMILEDS 5050

FEATURES

• Safety	Cut - Off Switch
• Clip	Tool Free Opening
• Dimming	1-10V
• Spigot	Adjustable 0-10°
• Nema Socket	7-pin (Upon Request)

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384

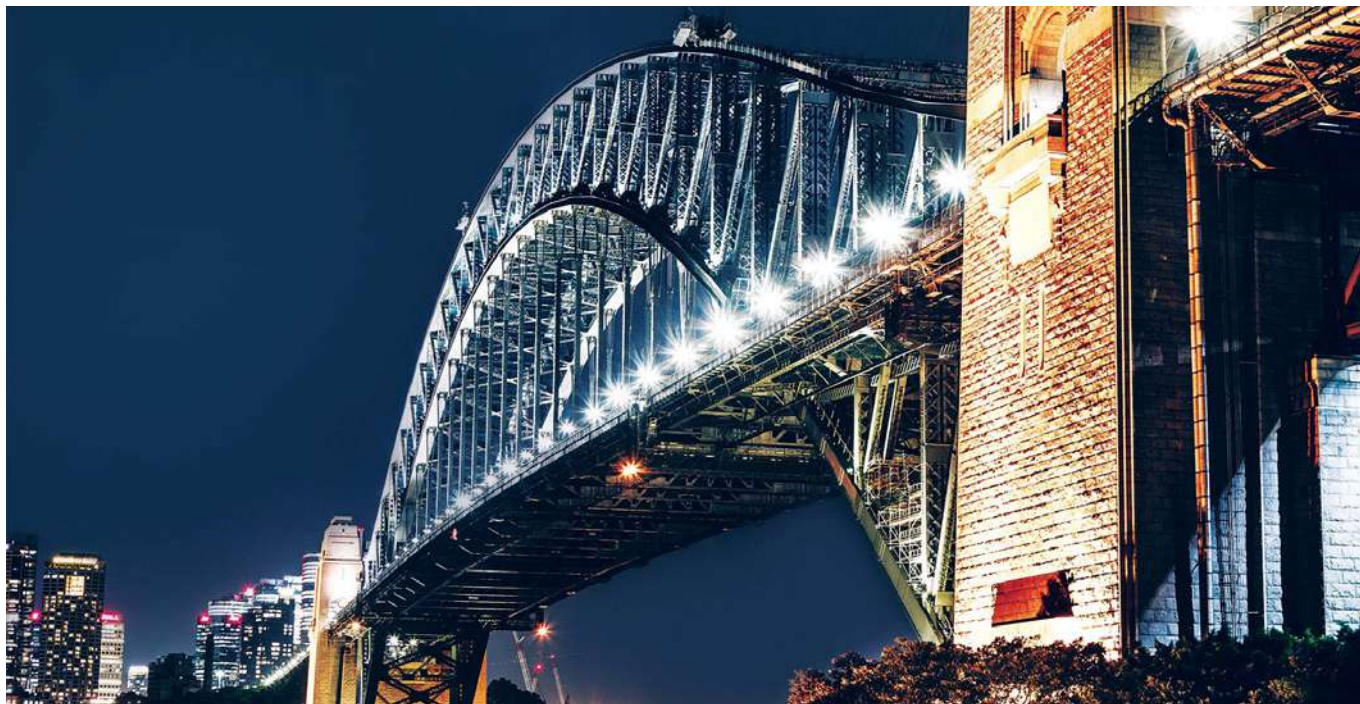
APPLICATION

- Pathways, Foot Paths, Parks, Car Parks, Access Ways, Road Lightings & Residential Areas

MEASUREMENT & ORDER CODE

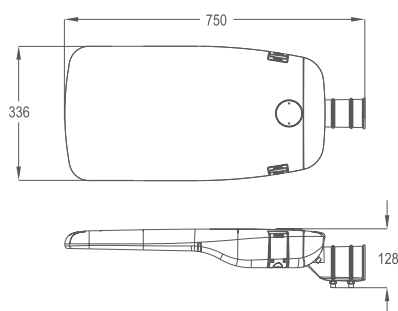
WATTAGE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
MURA - L					
120W	48	17000	120W	795 x 390 x 180	9.30 kg
150W	56	21500	152W	795 x 390 x 180	9.50 kg
180W	64	25400	181W	795 x 390 x 180	9.70 kg
MURA - XL					
200W	100	28900	200W	935 x 445 x 215	12.30 kg
220W	100	31100	220W	935 x 445 x 215	12.30 kg
250W	120	36600	252W	935 x 445 x 215	12.80 kg
280W	120	39900	282W	935 x 445 x 215	12.80 kg
300W	120	40300	306W	935 x 445 x 215	12.80 kg

* All result tested base on 5000K CCT LEDs.

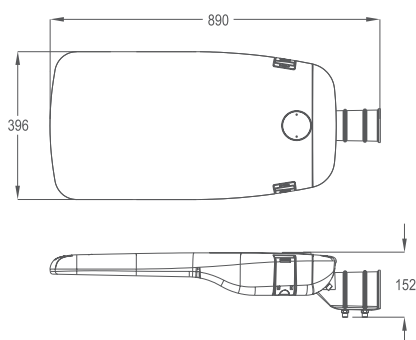


DIMENSION

MURA - L

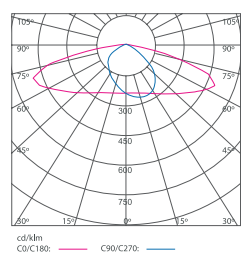


MURA - XL

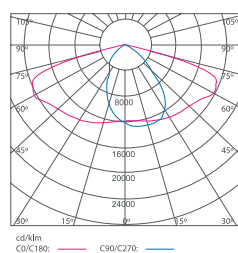


PHOTOMETRIC

MURA - L



MURA - XL



ALPHA



LUMINAIRE SPECIFICATIONS

- Power
 - 60W
 - 100W
 - 120W
 - 150W
 - 180W
- Fitting Material Die-Cast Aluminium
- Fitting Color Silver Grey, Akzo Nobel RAL9006
- Optical Cover PC Cover Lens
- Ingress Protection IP65
- Impact Protection IK07
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -40 ~ +35°C
- Installation
 - 60W
Ø38mm ~ 50mm Side Entry
 - 100W, 120W
Ø45mm ~ 60mm Side Entry
 - 150W, 180W
Ø45mm ~ 60mm Side Entry
- Surge Protections 10KV, 10KA

LED MODULE SPECIFICATIONS

- Color Temperature
 - 3000K Warm White
 - 6500K Cool White
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C
- PCB Material Metal Core

COMPLIANCE STANDARD

- LED LM80
- Luminaire IEC60598-1, IEC60598-2-3

APPLICATION

- Pathways, Parks, Car Parks, Foot Paths, Access Ways, Road Lighting & Residential Areas

MEASUREMENT & ORDER CODE

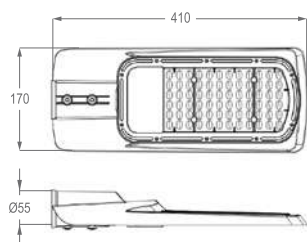
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	QTY / CARTON	NETT WEIGHT
60W	NIKKON ALPHA 60W	6300 lm	420 x 70 x 180	1pc / ctn	1.5 kg
100W	NIKKON ALPHA 100W	10500 lm	530 x 82 x 240	1pc / ctn	2.3 kg
120W	NIKKON ALPHA 120W	12600 lm	530 x 82 x 240	1pc / ctn	2.3 kg
150W	NIKKON ALPHA 150W	15800 lm	640 x 88 x 290	1pc / ctn	2.9 kg
180W	NIKKON ALPHA 180W	18900 lm	640 x 88 x 290	1pc / ctn	2.9 kg

* All measurement is base on 6500K CCT

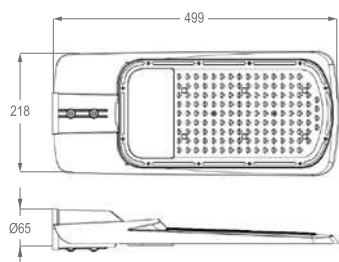


DIMENSION

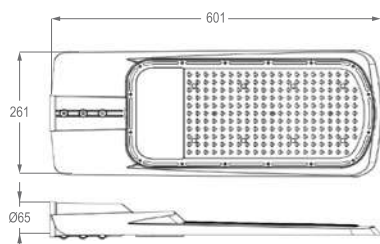
ALPHA 60W



ALPHA 100W / 120W

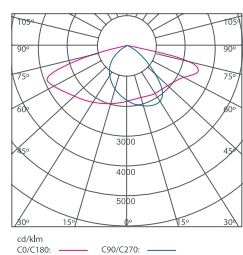


ALPHA 150W / 180W

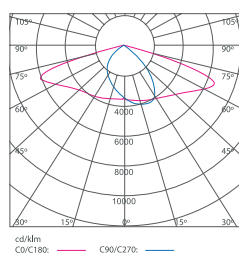


PHOTOMETRIC

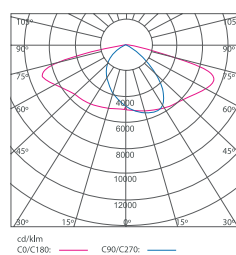
ALPHA 60W



ALPHA 100W / 120W



ALPHA 150W / 180W



ALPHA PRO



LUMINAIRE SPECIFICATIONS

- Power
 - 30W
 - 50W
 - 100W
 - 120W
 - 150W
 - 180W
 - 200W
- Fitting Material Die-Cast Aluminium
- Fitting Color Silver Grey, Akzo Nobel RAL9006
- Optical Cover PC Cover Lens
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -40 ~ +45°C
- Installation Ø38mm ~ 60mm Side Entry & Post Top Entry (-15 ~ 15 Degree Adjustable)
- Surge Protections 10kV, 10kA

LED MODULE SPECIFICATIONS

- Color Temperature
 - 3000K Warm White
 - 4000K Neutral White
 - 6500K Cool White
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C
- PCB Material Metal Core

COMPLIANCE STANDARD

- LED LM80
- Driver IEC61347, CE, EN55015, EN61000, EN61547
- Luminaire IEC60598-1, IEC60598-2-3

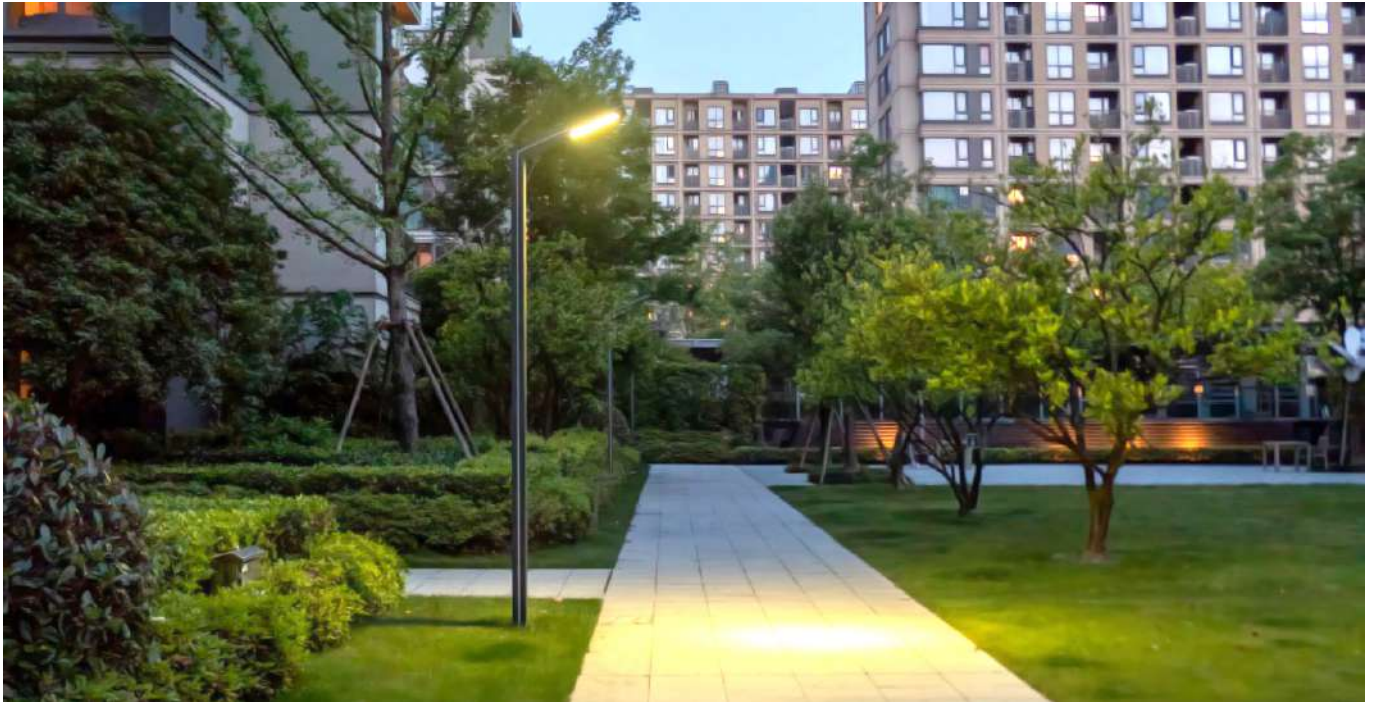
APPLICATION

- Pathways, Parks, Car Parks, Foot Paths, Access Ways, Road Lightings, Residential Areas, Municipal Expressways & Facade Lightings

MEASUREMENT & ORDER CODE

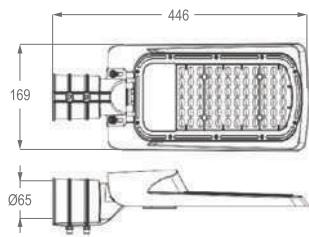
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	QTY / CARTON	NETT WEIGHT
30W	NIKKON ALPHA PRO 30W	4590 lm	460 x 180 x 120	1pc / ctn	1.9 kg
50W	NIKKON ALPHA PRO 50W	7100 lm	460 x 180 x 120	1pc / ctn	1.9 kg
100W	NIKKON ALPHA PRO 100W	14800 lm	540 x 220 x 120	1pc / ctn	2.9 kg
120W	NIKKON ALPHA PRO 120W	17640 lm	540 x 220 x 120	1pc / ctn	2.9 kg
150W	NIKKON ALPHA PRO 150W	23250 lm	635 x 270 x 125	1pc / ctn	4.0 kg
180W	NIKKON ALPHA PRO 180W	28800 lm	710 x 285 x 140	1pc / ctn	4.6 kg
200W	NIKKON ALPHA PRO 200W	31800 lm	710 x 285 x 140	1pc / ctn	4.6 kg

* All measurement is base on 5000K CCT

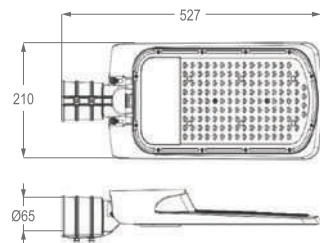


DIMENSION

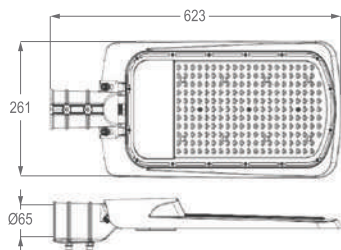
ALPHA PRO 30W / 50W



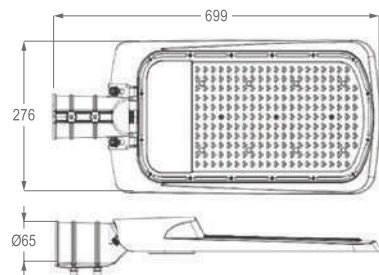
ALPHA PRO 100W / 120W



ALPHA PRO 150W

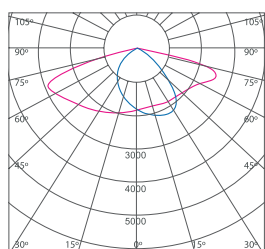


ALPHA PRO 180W / 200W



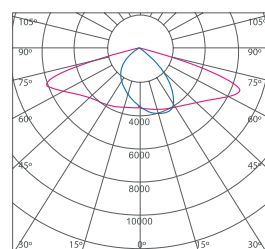
PHOTOMETRIC

ALPHA PRO 30W / 50W



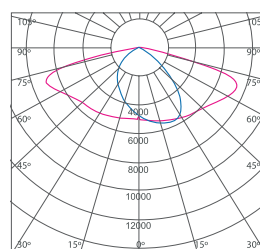
cd/klm
C0/C180: — C90/C270: —

ALPHA PRO 100W / 120W



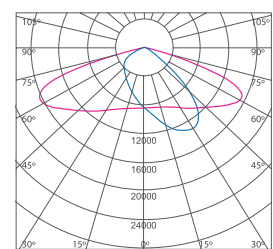
cd/klm
C0/C180: — C90/C270: —

ALPHA PRO 150W



cd/klm
C0/C180: — C90/C270: —

ALPHA PRO 180W / 200W



cd/klm
C0/C180: — C90/C270: —

RA365 GEN 2 INTEGRATED SOLAR



LUMINAIRE SPECIFICATIONS

- Power 30W
60W
80W
120W
- Fitting Material Die-Cast Aluminium
- Fitting Color RAL 9006
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 12Vdc & 24Vdc
- Operating Temperature -20 ~ +50°C
- Beam Angle Type II
- Sensor Microwave Motion Detection
Up To 10m Distance
(For 30W, 60W, & 80W Only)
- Installation Ø48 - 60 mm Pole
Side Entry, 0° Tilting (For 30W only)
Post Top, 0° - 25° Tilting (For 30W,
60W, 80W & 120W)

LED MODULE SPECIFICATIONS

- LED Chips 5050
- Color Temperature 5000K (Other CCT Upon Request)
- Color Rendering Index RA >70
- L70 100,000 Hrs @ 25°C

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	LUMEN	EFFICACY	SOLAR PANEL CAPACITY	LITHIUM-ION	NO. OF MODULES	NETT WEIGHT	GROSS WEIGHT	CARTON DIMENSION (L x W x H) mm
30W	RA36530	5100	170 lm/w	18V 50W	12.8V 21Ah	1	10.0 kg	12.5 kg	735 x 420 x 128
60W	RA36560	10200	170 lm/w	18V 95W	12.8V 44.8Ah	2	19.5 kg	24.0 kg	1198 x 585 x 135
80W	RA36580	13600	170 lm/w	18V 95W	12.8V 51Ah	2	20.5 kg	25.0 kg	1198 x 585 x 135
120W	RA365120	20400	170 lm/w	36V 145W	25.6V 48Ah	4	37.5 kg	43.5 kg	1420 x 560 x 190

SYSTEM SPECIFICATIONS

- Solar Panel Type Mono Crystalline
- Solar Panel Capacity 18V 50W (30W)
18V 95W (60W)
18V 95W (80W)
36V 145W (120W)
- Backup Time 2 Days (Pre Set Time Profile)
- Charge Controller MPPT Charging
Overheat Protection
Output Short Circuit Protection
- Battery Lithium-Iron Phosphate 12.8V 21Ah (30W)
Lithium-Iron Phosphate 12.8V 44.8Ah (60W)
Lithium-Iron Phosphate 12.8V 51Ah (80W)
Lithium-Iron Phosphate 25.6V 48Ah (120W)

Time Profile			
Wattage	Time Duration of 12 Hrs	Motion Detection	
		YES	NO
30W, 60W & 80W	4hrs	100%	30%
	5hrs	55%	
	3hrs	70%	
Wattage	Time Duration of 12 Hrs	Dimming Profile	
120W	4hrs	100%	
	6hrs	30%	
	2hrs	70%	

• The charging performance and operating autonomy of the solar LED lighting system depends on site installation conditions and the availability of adequate sunlight exposure to the solar panel. Locations with insuicent sunlight may result in reduced battery charging eciency and shortened operating duration

FEATURES

- Stable photo-electric conversion efficiency
- Advanced diffuse technology
- Longer lifespan, more than 2000 cycles (battery)
- Micro current charging function
- Adjusted 360° angle rotation
- Membrane for pressure stabilize
- Adjustable angle of solar panel
- Easy maintenance
- Operate with an on / off switch



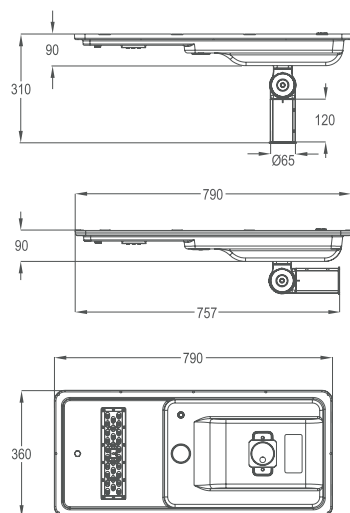
APPLICATION

- Residential Areas, Parking Lots, Parks, Security Needs, Aquacultures & Agricultures Lightings

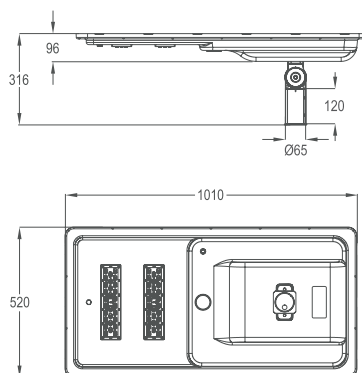


DIMENSION

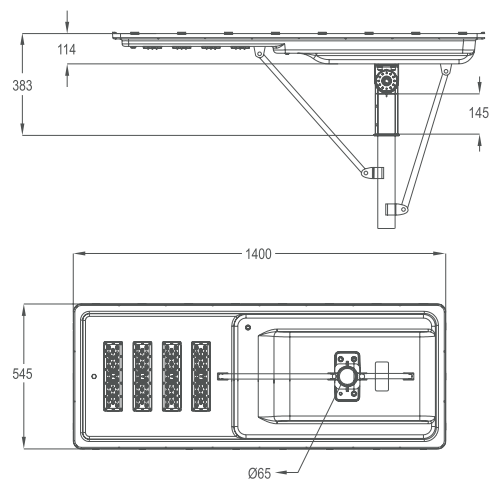
RA36530



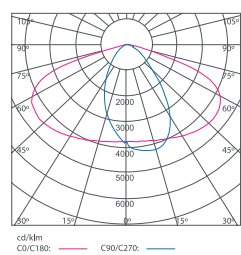
RA36560 / RA36580



RA365120



PHOTOMETRIC



RA365 GEN 3 INTEGRATED SOLAR



LUMINAIRE SPECIFICATIONS

- Power 60W
80W
100W
120W
150W
- Fitting Material Die-Cast Aluminium
- Fitting Color RAL 9006
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 24Vdc
- Operating Temperature -20 ~ +50°C
- Beam Angle Type II
- Installation Ø60 mm Pole
Post Top, 0° - 25° Tilting

LED MODULE SPECIFICATIONS

- LED Chips 5050
- Color Temperature 3000K (Other CCT Upon Request)
- Color Rendering Index RA >70
- L70 50,000 Hrs

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	LUMEN	EFFICACY	SOLAR PANEL CAPACITY	LITHIUM-ION	NO. OF MODULES	NETT WEIGHT	GROSS WEIGHT
60W	RA36560	11400	190 lm/w	1 X 36V 145W	25.6V 45Ah	4	37.1 kg	41.5 kg
80W	RA36580	15200	190 lm/w	1 X 36V 145W	25.6V 60Ah	4	40.9 kg	44.5 kg
100W	RA365100	19000	190 lm/w	1 X 39V 230W	25.6V 90Ah	4	55.5 kg	62.5 kg
120W	RA365120	22800	190 lm/w	1 X 39V 230W	25.6V 90Ah	4	55.5 kg	62.5 kg
150W	RA365150	28500	190 lm/w	1 X 39V 280W	25.6V 120Ah	4	58.5 kg	66.5 kg

SYSTEM SPECIFICATIONS

- Solar Panel Type Mono Crystalline
- Solar Panel Capacity 1 x 36V 145W
1 x 39V 230W
1 x 39V 280W
- Backup Time 2 Days (Pre Set Time Profile)
- Charge Controller MPPT Charging
Overheat Protection
Output Short Circuit Protection
- Battery Lithium-Iron Phosphate 25.6V 45Ah
Lithium-Iron Phosphate 25.6V 60Ah
Lithium-Iron Phosphate 25.6V 90Ah
Lithium-Iron Phosphate 25.6V 120Ah

Time Profile		
Wattage	Time Duration of 12 Hrs	Dimming Profile
60W, 80W, 100W, 120W & 150W	4hrs	100%
	2hrs	60%
	6hrs	40%

- The charging performance and operating autonomy of the solar LED lighting system depends on site installation conditions and the availability of adequate sunlight exposure to the solar panel. Locations with insuicent sunlight may result in reduced battery charging eciency and shortened operating duration

FEATURES

- Stable photo-electric conversion efficiency
- Advanced diffuse technology
- Longer lifespan, more than 2000 cycles (battery)
- Micro current charging function
- Membrane for pressure stabilize
- Adjustable angle of solar panel
- Easy maintenance
- Operate with an on / off switch



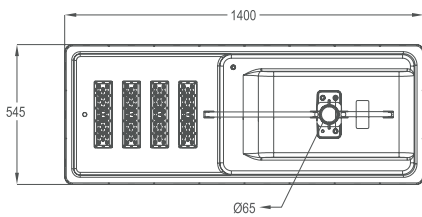
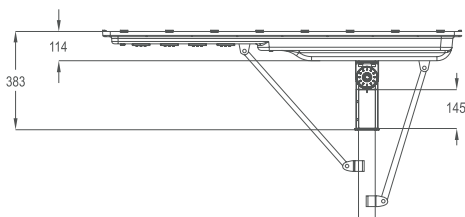
APPLICATION

- Residential Areas, Parking Lots, Parks, Security Needs, Aquacultures & Agricultures Lightings

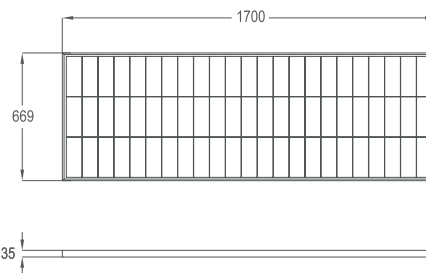
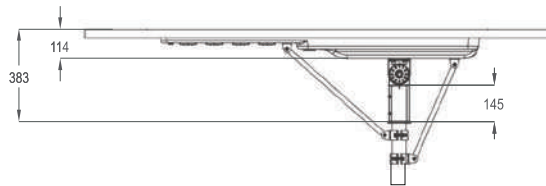


DIMENSION

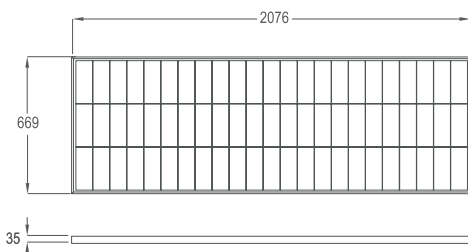
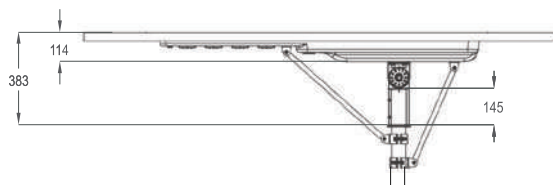
RA36560 / RA36580



RA365100/RA365120

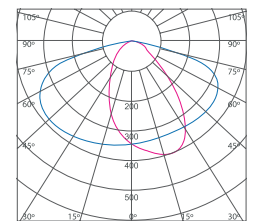


RA365100/RA365150

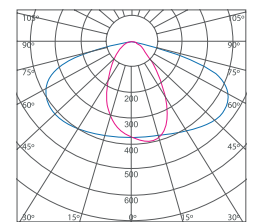


PHOTOMETRIC

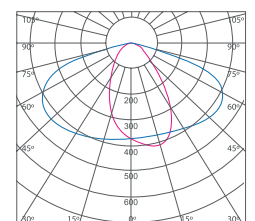
60W



80W



120W



ECO MINI INTEGRATED SOLAR



LUMINAIRE SPECIFICATIONS

• Power	6W (100W) 12W (200W) 18W (300W)
• Lumen	1000lm 2000lm 3000lm
• Fitting Material	Die Cast Aluminium
• Fitting Color	RAL9006
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	3.2V
• Operating Temperature	-10 ~ +50°C
• Beam Angle	Type II
• Sensor	PIR Motion Detection Up to 4m - 6m Detection Range
• Installation	6W (100W) Ø32 - 40 mm Side Entry Pole 12W (200W) Ø38 - 50 mm Side Entry Pole 18W (300W) Ø38 - 60 mm Side Entry Pole

LED MODULE SPECIFICATIONS

• LED Chips	3030
• Color Temperature	5700K
• Color Rendering Index	RA >70
• L70	50,000 Hrs @ 25°C

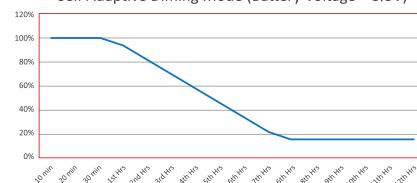
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	LUMEN	SOLAR PANEL CAPACITY	NETT WEIGHT	LITHIUM-ION	INNER CARTON DIMENSION (L x W x H) mm	OUTER CARTON DIMENSION (L x W x H) mm	QUANTITY / OUTER CARTON
6W (100W)	MINI06	1000lm	6V 10W	1.5 kg	3.2V 9.6Ah	345 x 225 x 75	400 x 365 x 250	5
12W (200W)	MINI12	2000lm	6V 15W	2.4 kg	3.2V 17Ah	445 x 260 x 85	465 x 285 x 285	3
18W (300W)	MINI18	3000lm	6V 20W	3.0 kg	3.2V 20Ah	555 x 260 x 96	575 x 220 x 285	2

* All result tested base on 4000K CCT LEDs.

SYSTEM SPECIFICATIONS

• Solar Panel Type	Mono Crystalline
• Solar Panel Capacity	6V 10W (6W) 6V 15W (12W) 6V 20W (18W)
• Backup Time	6W (100W) - 2 Days 12W (200W) & 18W (300W) - 1 Day
• Battery	Lithium-Iron Phosphate 3.2V 9.6Ah (6W) Lithium-Iron Phosphate 3.2V 17Ah (12W) Lithium-Iron Phosphate 3.2V 20Ah (18W)
• Dimming Profile with Motion Detection	Self Adaptive Dimming Mode (Battery Voltage > 3.3V)



FEATURES

- Stable photo-electric conversion efficiency
- Advanced diffuse technology
- Longer lifespan, more than 2000 cycles (battery)
- Micro current charging function
- Easy maintenance
- Operate with an on / off switch & charge / discharge LED indicator



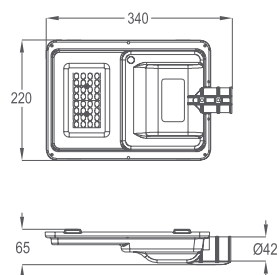
APPLICATION

- Residential Areas, Parking Lots, Garden & Walkaways

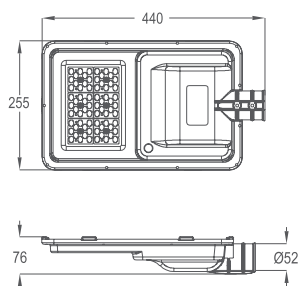


DIMENSION

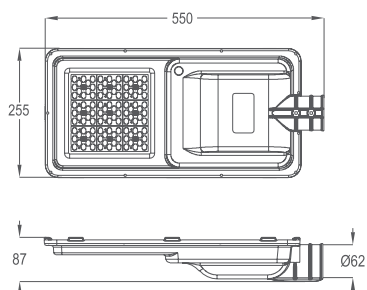
ECO MINI 6W (100W)



ECO MINI 12W (200W)

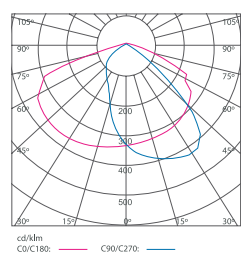


ECO MINI 18W (300W)

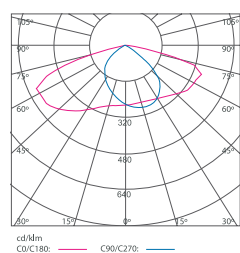


PHOTOMETRIC

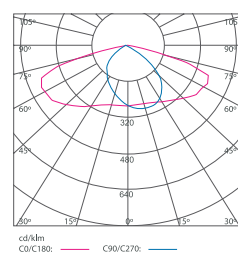
ECO MINI 6W (100W)



ECO MINI 12W (200W)



ECO MINI 18W (300W)



NIKKON®

LED BAYLIGHT

Bay lighting enhances workplace safety by providing adequate illumination for workers and reducing the risk of injuries. It improves visibility around machinery, helping to prevent accidents, spills and trips caused by obstacles such as cords running across the floor.



NIKON®



LEDXION S6310 MAXI



LUMINAIRE SPECIFICATIONS

• Power	150W 190W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Dark Gray, Akzo Nobel RAL7016
• Optical Cover	95% Transparency Clear Tempered Glass
• Ingress Protection	IP20 IP66 (Upon ReTquest)
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Hook Mounting Bracket
• Surge Protections	10KV, 20KA (External)

OPTIONAL FEATURES (UPON REQUEST)

• Driver	DALI, 1-10V Dimming
• Optics	Wide Beam, MB51 or NB19
• Control	Intelligent Light Control System

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Ceramic (Alumina Substrate)
• PCB Trace	Silver Conductor (Ag)
• SMD Connector	WAGO 2060 Series

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
• Luminaire	EN60598-1, EN60598-2-1, EN62493, EN55015, EN61547, EN61000, EN62471



APPLICATION

- Warehouses, Multipurpose Halls, Exhibition Halls, Production Areas & Factories

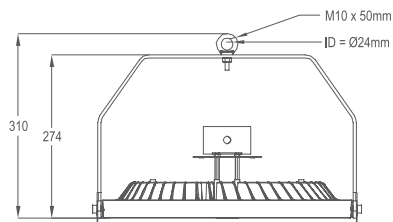
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	K14104 150W	72	19700	165	490 x 490 x 195	8.3 kg
190W	K14104 190W	92	25300	205	490 x 490 x 195	8.3 kg

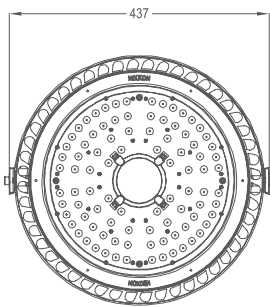
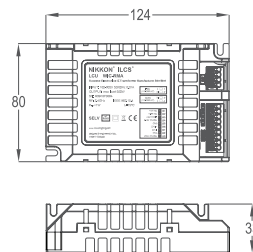
* Please indicate LED color temperature and optic when ordering.
* All result tested base on 5000K CCT LEDs.



DIMENSION

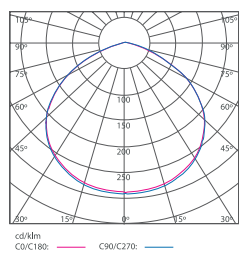


Light Control Unit

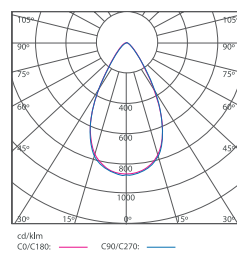


PHOTOMETRIC

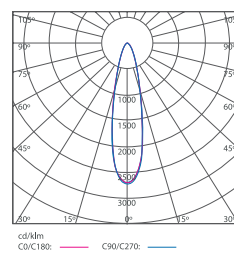
100° Wide Beam Angle (WB)



51° Medium Beam Angle (MB51)



19° Narrow Beam Angle (NB19)



LEDXION S6310 MEDI



LUMINAIRE SPECIFICATIONS

- **Power** 80W
100W
120W
- **Fitting Material** Non-Corrosive Die-Cast Aluminium
- **Fitting Color** Dark Gray, Akzo Nobel RAL7016
- **Optical Cover** 95% Transparency
Clear Tempered Glass
- **Ingress Protection** IP20
IP66 (Upon Request)
- **Impact Protection** IK08
- **Voltage** 220 ~ 240 Vac 50 / 60Hz
- **Electrical Safety Class** Class I
- **Operating Temperature** -30 ~ +45°C
- **Installation** Hook Mounting Bracket
- **Surge Protections** 10KV, 20KA (External)

OPTIONAL FEATURES (UPON REQUEST)

- **Driver** DALI, 1-10V Dimming
- **Optics** Wide Beam, MB51 or NB19
- **Control** Intelligent Light Control System

LED MODULE SPECIFICATIONS

- **Color Temperature** 3000K Warm White
4000K Neutral White
5000K Cool White
- **Color Rendering Index (CRI)** >70
- **L70** 100,000 Hrs @ 25°C
- **PCB Material** Ceramic (Alumina Substrate)
- **PCB Trace** Silver Conductor (Ag)
- **SMD Connector** WAGO 2060 Series

COMPLIANCE STANDARD

- **LED** LM80, UL, RoHS
- **Driver** CE, EN62493, EN61347, EN50581,
EN55015, EN61000, EN61547, EN62384
- **Luminaire** EN60598-1, EN60598-2-1, EN62493,
EN55015, EN61547, EN61000, EN62471



APPLICATION

- Eateries, Retail, Hallways, Storage Rooms & Halls

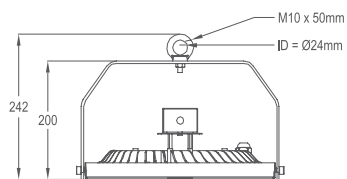
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
80W	K14102 80W	38	10800	84	365 x 365 x 155	4.6 kg
100W	K14102 100W	46	13060	104	365 x 365 x 155	4.6 kg
120W	K14102 120W	54	15000	123	365 x 365 x 155	4.6 kg

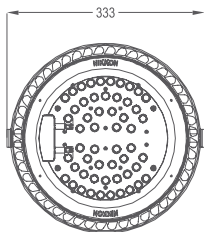
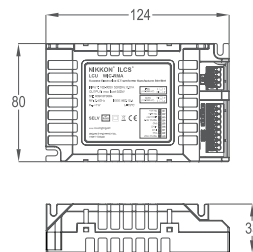
* Please indicate LED color temperature and optic when ordering.
* All result tested base on 5000K CCT LEDs.



DIMENSION

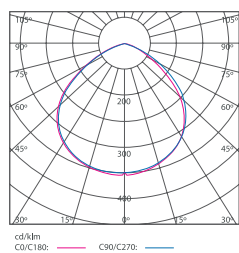


Light Control Unit

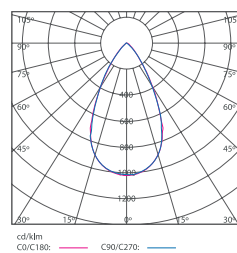


PHOTOMETRIC

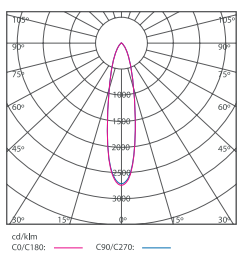
100° Wide Beam Angle (WB)



51° Medium Beam Angle (MB51)



19° Narrow Beam Angle (NB19)



LEDXION S6310 MINI



LUMINAIRE SPECIFICATIONS

- Power 40W
50W
- Fitting Material Non-Corrosive Die-Cast Aluminium
- Fitting Color Dark Gray, Akzo Nobel RAL7016
- Optical Cover Anti Glare High Transparency Frosted Tempered Glass
- Ingress Protection IP20
IP66 (Upon Request)
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +45°C
- Installation Hook Mounting Bracket
- Surge Protections 10KV, 20KA (External)

OPTIONAL FEATURES (UPON REQUEST)

- Driver 1-10V Dimming
- Optics Wide Beam, MB51 or NB19
- Control Intelligent Light Control System

LED MODULE SPECIFICATIONS

- Color Temperature 3000K Warm White
4000K Neutral White
5000K Cool White
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C
- PCB Material Ceramic (Alumina Substrate)
- PCB Trace Silver Conductor (Ag)
- SMD Connector WAGO 2060 Series

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
- Luminaire EN60598-1, EN60598-2-1, EN62493, EN55015, EN61547, EN61000, EN62471



APPLICATION

- Eateries, Retail, Hallways, Storage Rooms & Halls

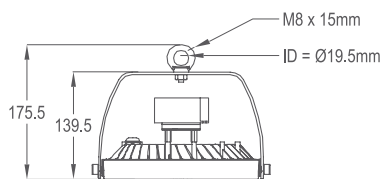
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDES	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
40W	K14103 40W	19	4900	45	275 x 275 x 145	2.0 kg
50W	K14103 50W	24	6120	56	275 x 275 x 145	2.0 kg

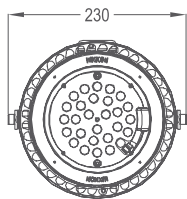
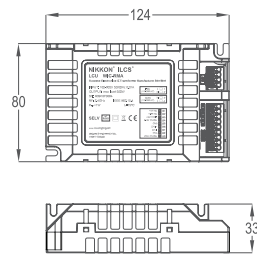
* Please indicate LED color temperature and optic when ordering.
* All result tested base on 5000K CCT LEDs.



DIMENSION

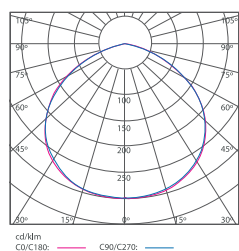


Light Control Unit

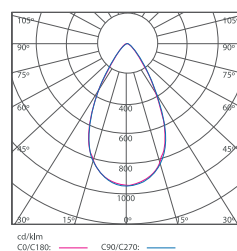


PHOTOMETRIC

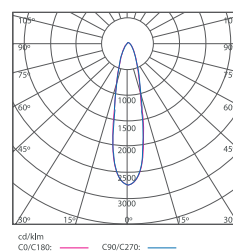
100° Wide Beam Angle (WB)



51° Medium Beam Angle (MB51)



19° Narrow Beam Angle (NB19)



LEDXION SMS (SURFACE)



LUMINAIRE SPECIFICATIONS

- Power 40W
80W
120W
160W
- Fitting Material Cold Roll Steel
- Fitting Color White, Akzo Nobel RAL9010
- Optical Cover Anti Glare Frosted Polycarbonate Diffuser
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +45°C
- Installation Surface Mounting
- Surge Protections 10KV, 20KA

APPLICATION

- Petrol Kiosks, Toll Plazas, Canopy Lightings, Multipurpose Halls, Warehouses, Gymnasiums & Exhibition Halls

LED MODULE SPECIFICATIONS

- Color Temperature 3000K Warm White
4000K Neutral White
5000K Cool White
- Color Rendering Index (CRI) >70 Cool White, Neutral White
>80 Warm White
- L70 100,000 Hrs @ 25°C
- PCB Material Ceramic (Alumina Substrate)
- PCB Trace Silver Conductor (Ag)
- SMD Connector WAGO 2060 Series

OPTIONAL FEATURES

- Driver Constant Current, Time Control, 1-10V Dimming
- Optics Wide Beam, MB51

COMPLIANCE STANDARD

- LED LM80
- Driver CE, EN55015, EN61000, EN61547
- Luminaire EN60598-1, EN60598-2-1, EN62471, EN62493, EN61000-3, EN61547, IEC62262

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL WATTAGE	NO. OF LEDS	QTY / CARTON	TYPICAL LUMINOUS FLUX (LM)	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
40W	K03107 40W	42	18	1pc / ctn	5200	340 x 230 x 193	4.2 kg
80W	K03107 80W	85	36	1pc / ctn	10400	360 x 275 x 193	5.0 kg
120W	K03107 120W	123	54	1pc / ctn	15600	405 x 350 x 193	7.0 kg
160W	K03107 160W	169	72	1pc / ctn	20800	490 x 350 x 193	9.4 kg

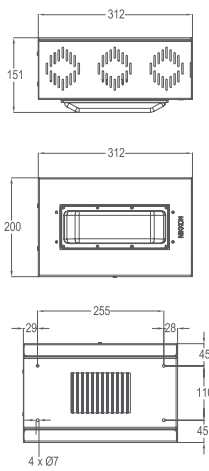
* Please indicate LED color temperature when ordering.

* Programmable dimming LED driver is available upon request.

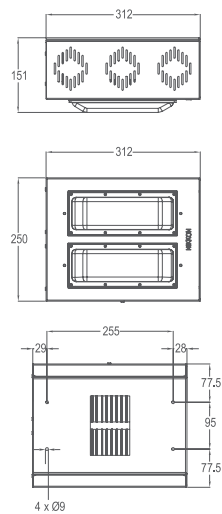


DIMENSION

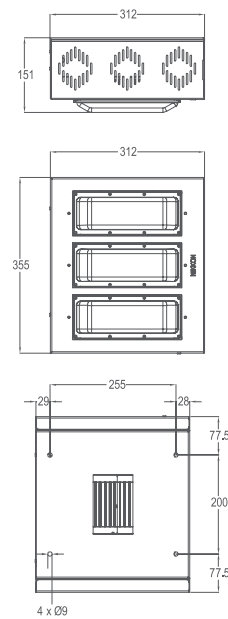
LEDXION K03107 40W



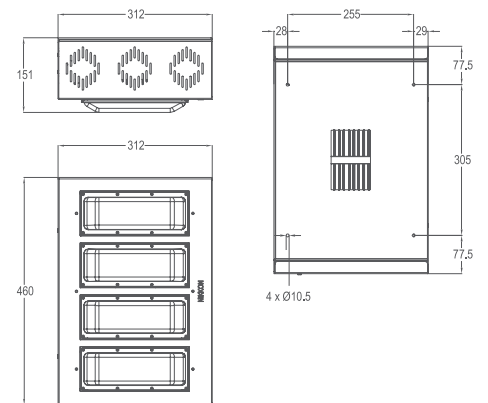
LEDXION K03107 80W



LEDXION K03107 120W

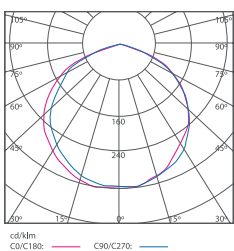


LEDXION K03107 160W

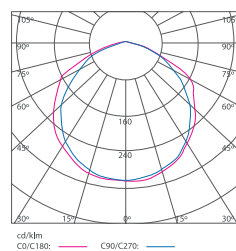


PHOTOMETRIC

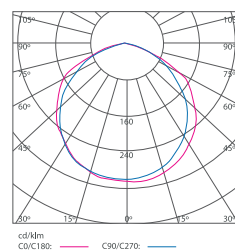
LEDXION K03107 40W



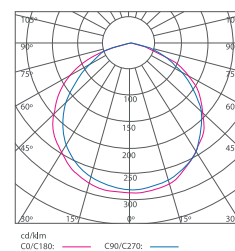
LEDXION K03107 80W



LEDXION K03107 120W



LEDXION K03107 160W



LEDXION RMS (RECESSED)



LUMINAIRE SPECIFICATIONS

• Power	40W 80W 120W 160W
• Fitting Material	Cold Roll Steel
• Fitting Color	White, Akzo Nobel RAL9010
• Optical Cover	Anti Glare Frosted Polycarbonate Diffuser
• Heat Sink	Extruded Aluminium
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Opening Hole: 156 x 326 mm (40W) 251 x 326 mm (80W) 346 x 326 mm (120W) 441 x 326 mm (160W)
• Surge Protections	10KV, 20KA

APPLICATION

- Petrol Kiosks, Toll Plazas, Canopy Lightings, Multipurpose Halls, Warehouses, Gymnasiums & Exhibition Halls

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 4000K Neutral White 5000K Cool White
• Color Rendering Index (CRI)	>70 Cool White, Neutral White >80 Warm White
• L70	100,000 Hrs @ 25°C
• PCB Material	Ceramic (Alumina Substrate)
• PCB Trace	Silver Conductor (Ag)
• SMD Connector	WAGO 2060 Series

OPTIONAL FEATURES

• Driver	Constant Current, Time Control, 1-10V Dimming
• Optics	Wide Beam, MB51

COMPLIANCE STANDARD

• LED	LM80
• Driver	CE, EN55015, EN61000, EN61547
• Luminaire	EN60598-1, EN60598-2-1, EN62471, EN62493, EN61000-3, EN61547, IEC62262

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL WATTAGE	NO. OF LEDS	QTY / CARTON	TYPICAL LUMINOUS FLUX (LM)	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
40W	K03108 40W	42	18	1pc / ctn	5200	440 x 230 x 200	4.2 kg
80W	K03108 80W	85	36	1pc / ctn	10400	440 x 320 x 200	5.0 kg
120W	K03108 120W	123	54	1pc / ctn	15600	440 x 420 x 200	7.0 kg
160W	K03108 160W	169	72	1pc / ctn	20800	440 x 525 x 200	9.4 kg

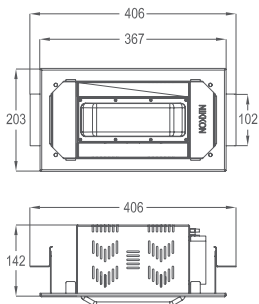
* Please indicate LED color temperature when ordering.

* Programmable dimming LED driver is available upon request.

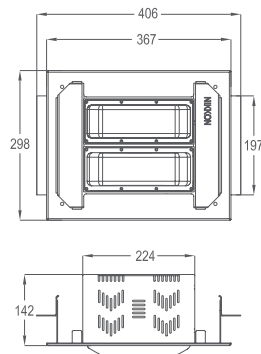


DIMENSION

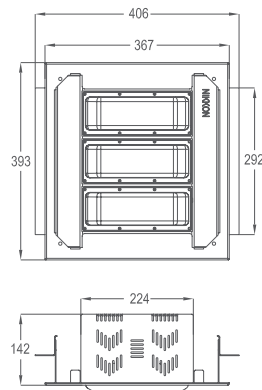
LEDXION K03108 40W



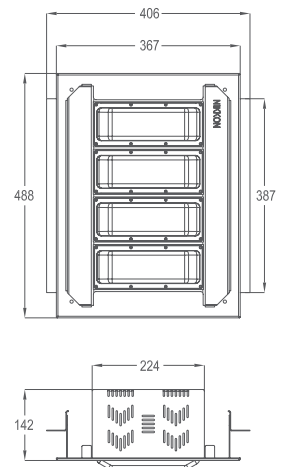
LEDXION K03108 80W



LEDXION K03108 120W

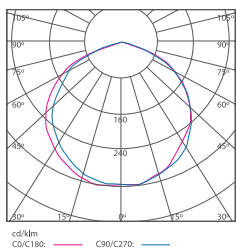


LEDXION K03108 160W

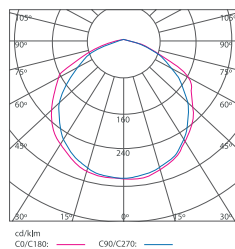


PHOTOMETRIC

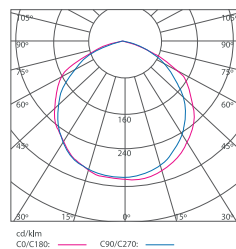
LEDXION K03108 40W



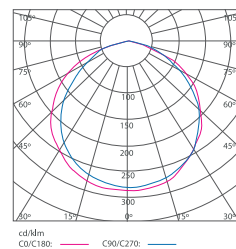
LEDXION K03108 80W



LEDXION K03108 120W



LEDXION K03108 160W



ARGENTO CUBO (SURFACE & RECESSED)



CUBO SURFACE



CUBO RECESSED

LUMINAIRE SPECIFICATIONS

- Power 80W
100W
120W
150W
- Fitting Material Cold Roll Steel
- Fitting Color White, Akzo Nobel RAL9010
- Optical Cover Anti Glare Frosted Polycarbonate Diffuser
- Heat Sink Extruded Aluminium
- Ingress Protection IP20
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +40°C
- Installation Surface Mounting (CUBO Surface)
Opening Hole : 400 x 400mm
(CUBO Recessed)
- Surge Protections 10KV, 20KA

LED MODULE SPECIFICATIONS

- Color Temperature 3000K Warm White
5000K Cool White
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C
- PCB Material Metal Core
- SMD Connector WAGO 2060 Series

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
- Luminaire EN60598-1, EN60598-2-1, EN62493, EN55015, EN61547, EN61000, EN62471, CISPR 15



APPLICATION

- Petrol Kiosks, Toll Plazas, Canopy Lightings, Warehouses, Gymnasiums & Exhibition Halls

MEASUREMENT & ORDER CODE

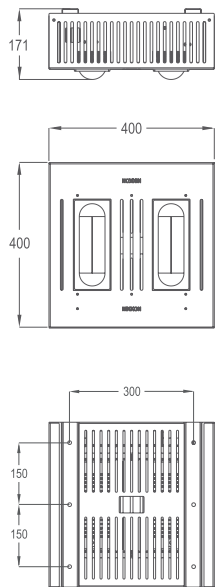
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	Lm/W	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
80W	CUBO 80W Surface	108	11260	140	80W	435 x 435 x 225	7.8 kg
100W	CUBO 100W Surface	108	13340	133	100W	435 x 435 x 225	7.8 kg
120W	CUBO 120W Surface	162	16120	134	120W	435 x 435 x 225	8.5 kg
150W	CUBO 150W Surface	162	19900	132	150W	435 x 435 x 225	8.5 kg
80W	CUBO 80W Recessed	108	11260	140	80W	545 x 485 x 225	7.8 kg
100W	CUBO 100W Recessed	108	13340	133	100W	545 x 485 x 225	7.8 kg
120W	CUBO 120W Recessed	162	16120	134	120W	545 x 485 x 225	8.5 kg
150W	CUBO 150W Recessed	162	19900	132	150W	545 x 485 x 225	8.5 kg

* Please indicate LED color temperature when ordering.
* All result tested base on 5000K CCT LEDs.

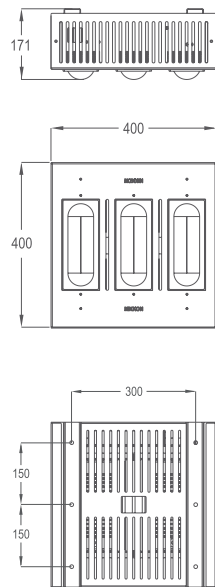


DIMENSION

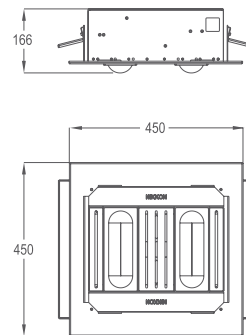
CUBO SURFACE
80W / 100W



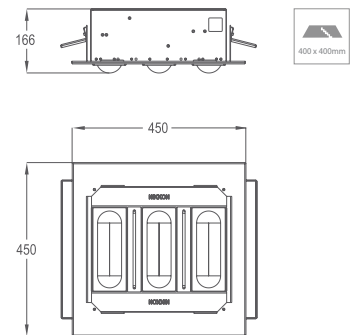
CUBO SURFACE
120W / 150W



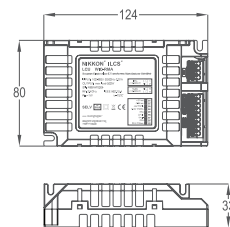
CUBO RECESSED
80W / 100W



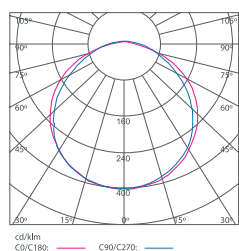
CUBO RECESSED
120W / 150W



Light Control Unit



PHOTOMETRIC



EASYBAY LOWBAY



EASYBAY SURFACE



EASYBAY RECESSED

LUMINAIRE SPECIFICATIONS

- Power 100W
120W
150W
- Optional Wattage (Upon Request) 50W
200W
250W
- Fitting Material Cold Roll Steel
- Fitting Color White, Akzo Nobel RAL9010
- Optical Cover 92% Transparency Frosted PC
- Heat Sink ADC12 Die-Cast Aluminium
Non-Corrosive
- Ingress Protection IP20
- Impact Protection IK10
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +45°C
- Installation Surface Mounting (EASYBAY Surface)
Opening Hole : 250 x 310mm
(EASYBAY Recessed)
- Surge Protections 10KV, 20KA

LED MODULE SPECIFICATIONS

- Beam Angle 60°
90°
120°

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDES	TYPICAL LUMINOUS FLUX	Lm/W	TYPICAL WATTAGE
100W	EASYBAY 100W Surface	240	16000	163.26	98.0W
120W	EASYBAY 120W Surface	240	20000	169.49	118.0W
150W	EASYBAY 150W Surface	240	25000	169.14	147.8W
100W	EASYBAY 100W Recessed	240	16000	163.26	98.0W
120W	EASYBAY 120W Recessed	240	20000	169.49	118.0W
150W	EASYBAY 150W Recessed	240	25000	169.14	147.8W

* All result tested base on 5700K CCT LEDs.

LED MODULE SPECIFICATIONS

- LED Type 3030
- Color Temperature 5700K Daylight
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C
- PCB Material Metal Core

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
- Luminaire EN60598-1, EN60598-2-1, EN62493, EN55015, EN61547, EN61000, EN62471, CISPR 15



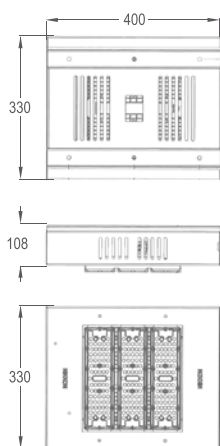
APPLICATION

- Petrol Kiosks, Toll Plazas, Canopy Lightings, Warehouses, Gymnasiums & Exhibition Halls

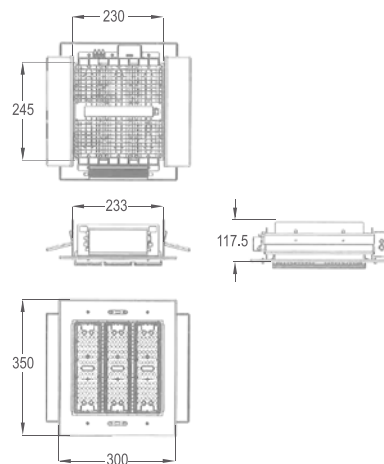


DIMENSION

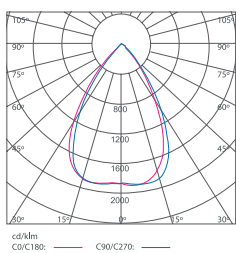
EASYBAY SURFACE
100W / 120W / 150W



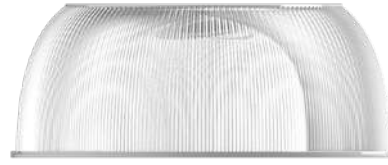
EASYBAY RECESSED
100W / 120W / 150W



PHOTOMETRIC



DRACO UF1



PC Reflector



PC Visor

LUMINAIRE SPECIFICATIONS

- Power 100W
150W
200W
- Fitting Material Non-Corrosive Die-Cast Aluminium
- Fitting Color Black
- Optical Cover 95% Transparency Clear Tempered Glass
- Ingress Protection IP65
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +45°C
- Installation Hook Mounting
- Pre-Wire 300 mm

OPTIONAL FEATURES (UPON REQUEST)

- Reflector Polycarbonate
- Visor Polycarbonate
- Beam Angle 60D, 90D, 120D

LED MODULE SPECIFICATIONS

- Color Temperature 5700K Daylight
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN61347, EN55015, EN61000, EN61547, EN62384, UL

APPLICATION

- Eateries, Retail, Hallways, Storage Rooms & Halls

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
100W	UF1 100W	12000	100	330 x 330 x 205	3.8 kg
150W	UF1 150W	18000	150	390 x 390 x 205	4.1 kg
200W	UF1 200W	24000	200	445 x 445 x 215	4.2 kg

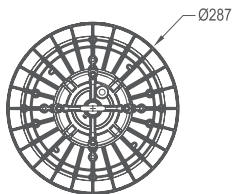
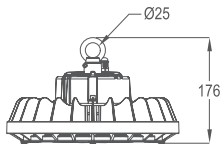
* Please indicate beam angle when ordering.

* All result tested base on 5700K CCT LEDs.

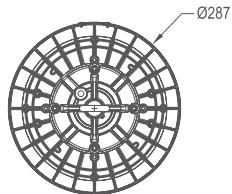
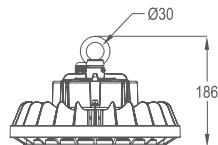


DIMENSION

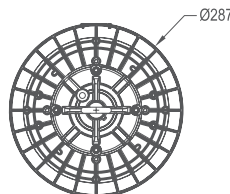
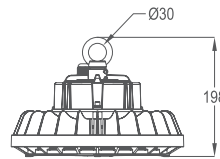
UF1 100W



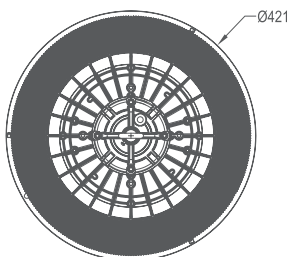
UF1 150W



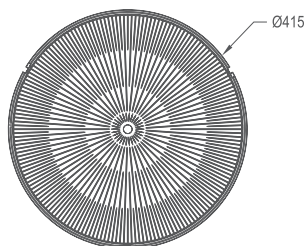
UF1 200W



PC Reflector

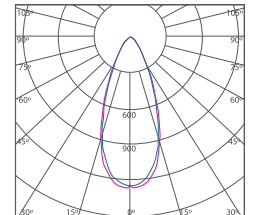


PC Visor

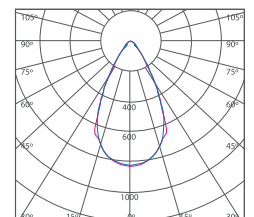


PHOTOMETRIC

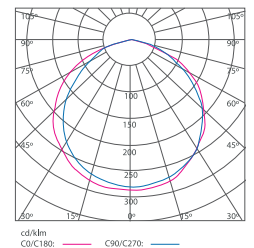
60D



90D



120D



DRACO UF3



Motion Sensor
(Upon Request)

LUMINAIRE SPECIFICATIONS

• Power	100W 150W 200W 240W 300W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Black
• Optical Cover	PC Cover
• Ingress Protection	IP65
• Voltage	220 ~ 240Vac 50 / 60 Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Hook Mounting
• Pre-Wire	300mm
• Beam Angle	90D (240W, 300W) 120D (100W, 150W, 200W)

OPTIONAL FEATURES (UPON REQUEST)

• Sensor	- Motion (Plug & Play) (Except for 300W) - Mounting Height up to 15m with 12m Range Radius - Control with a Remote Control - Minimum dimming level is 10%
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MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
100W	UF3 100W	16000	100	435 x 435 x 260	3.9 kg
150W	UF3 150W	24000	150	435 x 435 x 260	3.9 kg
200W	UF3 200W	32000	200	435 x 435 x 260	4.1 kg
240W	UF3 240W	38400	240	435 x 435 x 260	4.3 kg
300W	UF3 300W	48000	300	435 x 435 x 260	5.2 kg

* Please indicate beam angle when ordering.

* All result tested base on 5700K CCT LEDs.

LED MODULE SPECIFICATIONS

• Color Temperature	5700K Daylight
• Color Rendering Index (CRI)	>80
• L70	100,000 Hrs @ 25°C

COMPLIANCE STANDARD

• LED	LM80
• Driver	CE, EN/IEC 61347, EN55015, EN61547, EN61000, EN62493, EN62384, UL

APPLICATION

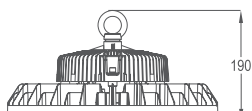
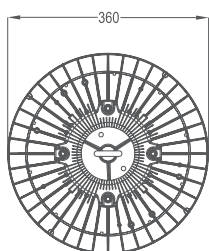
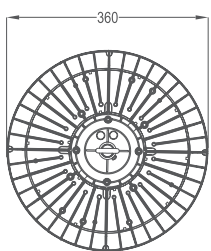
- Eateries, Retails, Hallways, Storage Rooms & Halls



DIMENSION

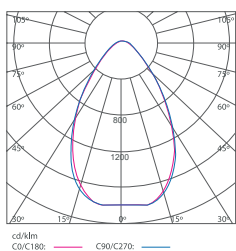
100W / 150W / 200W / 240W

300W

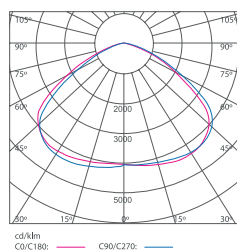


PHOTOMETRIC

90D



120D



DRACO UF5



PC Reflector with Visor
(Upon Request)

LUMINAIRE SPECIFICATIONS

- Power 100W
150W
200W
- Fitting Material Non-Corrosive Die-Cast Aluminium
- Fitting Color Black
- Fitting Optic PC Cover Lens
- Ingress Protection IP65
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +50°C
- Installation Hook Mounting
- Pre-Wire 300mm
- Surge Protection 10kV, 5kA (External)
- Safety Chain 500mm

OPTIONAL FEATURES (UPON REQUEST)

- Reflector PC Reflector with Visor (11 inches)

LED MODULE SPECIFICATIONS

- Color Temperature 5700K
- Color Rendering Index (CRI) Ra ≥80
- L70 100,000 Hrs @ 25°C

COMPLIANCE STANDARD

- LED LM80
- Driver EN/IEC 61347, EN/IEC 55015, EN61547, EN/IEC61000
- Luminaire IEC 60598-1, IEC 60598-2-1

APPLICATION

- Warehouse, Supermarket, Exhibition Center, Gym Room, Shopping Mall & Library

MEASUREMENT & ORDER CODE

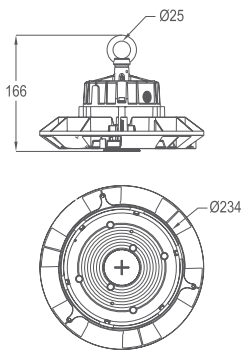
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	QTY / CARTON	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT (PER UNIT)
100W	UF5 100W	14500 lm	100W	1 pc / ctn	245 x 245 x 165	1.5 kg
150W	UF5 150W	22500 lm	150W	1 pc / ctn	260 x 260 x 175	1.7 kg
200W	UF5 200W	30000 lm	200W	1 pc / ctn	290 x 290 x 180	2.2 kg

* All result tested base on 5700K CCT LEDs.

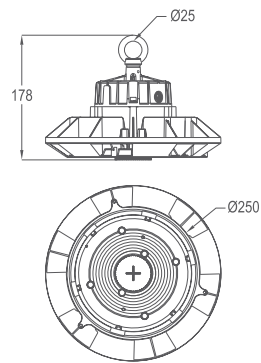


DIMENSION

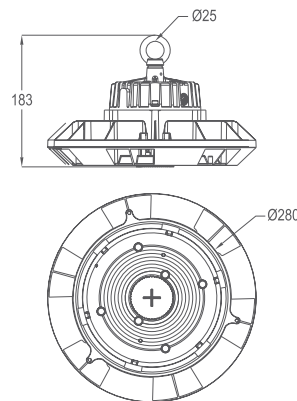
UF5 100W



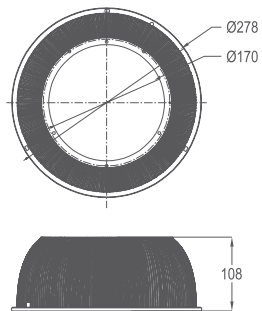
UF5 150W



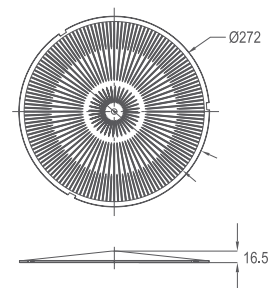
UF5 200W



PC Reflector

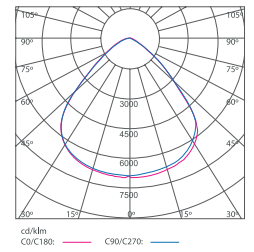


PC Visor

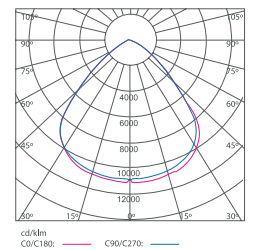


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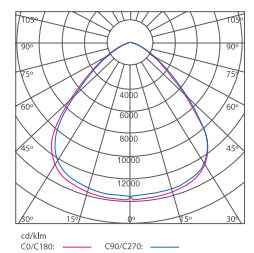
UF5 100W



UF5 150W



UF5 200W



DRACO HELÓ



HELÓ 50W



HELÓ 100W

LUMINAIRE SPECIFICATIONS

• Power	50W 100W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Black
• Optical Cover	Transparency Tempered Glass
• Ingress Protection	IP65
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Light Efficiency	>100 lm/W
• Power Factor	>0.9
• Operating Temperature	-30 ~ +45°C
• Installation	Hook Mounting
• Surge Protections	Yes, 4kV
• Pre-Wire	300 mm

APPLICATION

- Eateries, Retails, Hallways, Storage Rooms, Halls & Factories

LED MODULE SPECIFICATIONS

• Color Temperature	5700K Daylight
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core

FEATURES

- Built-In IC Technology
- Direct AC Supply Connection (220 ~ 240 Vac 50 / 60Hz)
- No External Driver Required
- High System Efficiency
- Mid Power LEDs
- Thin & Lightweight Size
- Safety Wire
- Internal Surge Protection Devices (SPD)

COMPLIANCE STANDARD

• LED	LM80
• Luminaire	EN60598-1, EN60598-2-1, EN55015, EN61547, EN61000



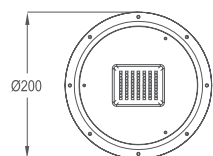
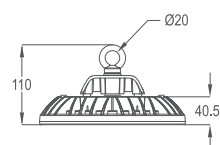
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
50W	K14110 HELÓ 50W	5000	50	205 x 94 x 205	1.0 kg
100W	K14111 HELÓ 100W	10000	100	265 x 103 x 265	1.9 kg

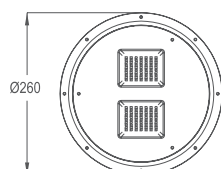
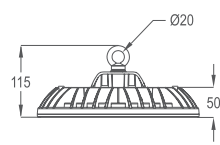


DIMENSION

HELÓ 150W

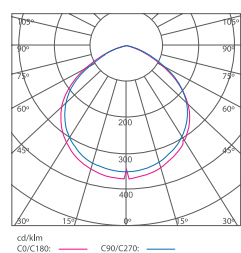


HELÓ 200W

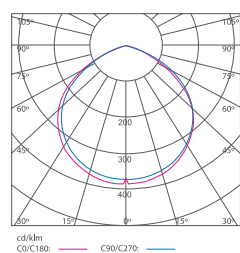


PHOTOMETRIC

HELÓ 50W



HELÓ 100W



DRACO HELÓ



HELÓ 150W



HELÓ 200W

LUMINAIRE SPECIFICATIONS

• Power	150W 200W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Black
• Optical Cover	Transparency Tempered Glass
• Ingress Protection	IP65
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Light Efficiency	>100 lm/W
• Power Factor	>0.9
• Operating Temperature	-30 ~ +45°C
• Installation	Hook Mounting
• Surge Protections	Yes, 8kV
• Pre-Wire	300 mm

APPLICATION

- Warehouses, Multipurpose Halls, Exhibition Halls, Production Areas & Factories

LED MODULE SPECIFICATIONS

• Color Temperature	5700K Daylight
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core

FEATURES

- Built-In IC Technology
- Direct AC Supply Connection (220 ~ 240 Vac 50 / 60Hz)
- No External Driver Required
- High System Efficiency
- Mid Power LEDs
- Thin & Lightweight Size
- Internal Surge Protection Devices (SPD)

COMPLIANCE STANDARD

• LED	LM80
• Luminaire	EN60598-1, EN60598-2-1, EN55015, EN61547, EN61000



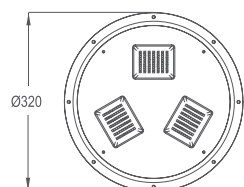
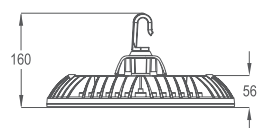
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	K14112 HELÓ 150W	15000	150	330 x 135 x 330	3.2 kg
200W	K14113 HELÓ 200W	20000	200	390 x 135 x 390	4.2 kg

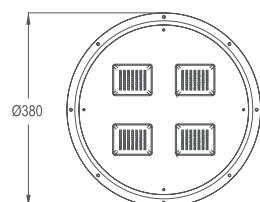
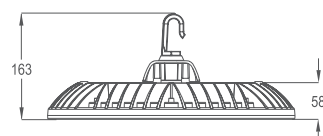


DIMENSION

HELÓ 150W

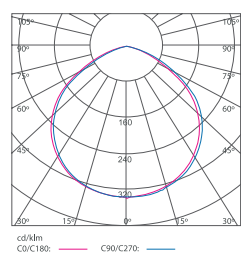


HELÓ 200W

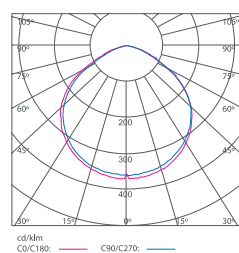


PHOTOMETRIC

HELÓ 150W



HELÓ 200W



HELÓ PLUS



HELÓ PLUS (S) 150W



HELÓ PLUS (M) 200W



HELÓ PLUS (L) 240W

LUMINAIRE SPECIFICATIONS

- **Selectable Wattage** 100W / 120W / 150W (S)
150W / 180W / 200W (M)
200W / 220W / 240W (L)
- **Fitting Material** Die-Cast Aluminum
- **Fitting Color** Black
- **Fitting Optic** PC Cover Lens
- **Ingress Protection** IP65
- **Impact Protection** IK08
- **Voltage** 220 ~ 240 Vac 50 / 60Hz
- **Dimming** 0-10V
- **Electrical Safety Class** Class I
- **Power Factor** >0.9
- **Operating Temperature** -40 ~ +45°C
- **Installation** Hook Mounting with Safety Rope
- **LED Driver Built-In Surge Protections** 10KV
- **Beam Angle** 90°

LED MODULE SPECIFICATIONS

- **Color Temperature** 4000K
6500K
- **Color Rendering Index (CRI)** >70
- **L70** 100,000 Hrs @ 25°C

COMPLIANCE STANDARD

- **LED** LM80
- **DRIVER** EN/IEC 61347, EN/IEC 55015, EN61547, EN/IEC61000
- **LUMINAIRE** IEC 60598-1, IEC 60598-2-1

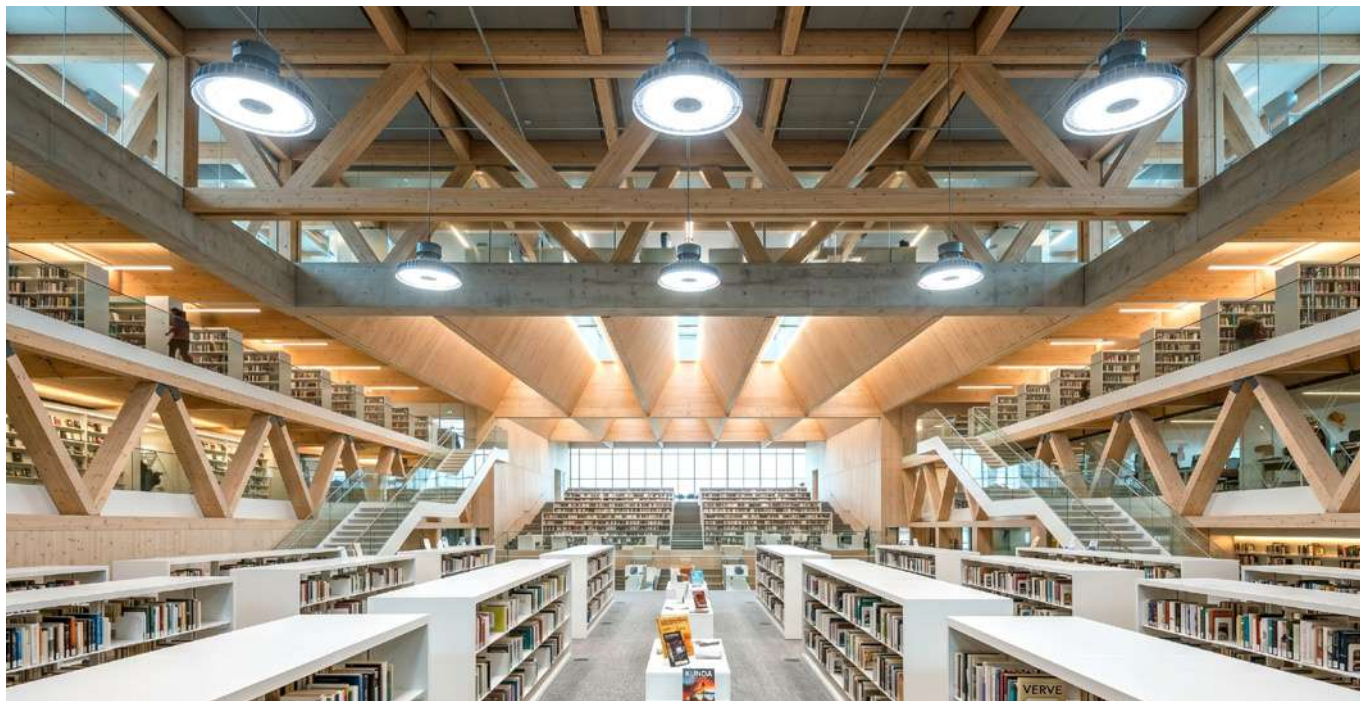
APPLICATION

- Warehouses, Supermarket, Exhibition Center, Gym Room, Shopping Mall & Library

MEASUREMENT & ORDER CODE

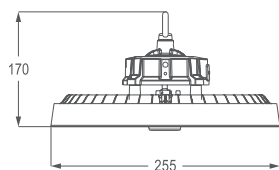
WATTAGE	ORDER CODE	SELECTABLE WATTAGE	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	HELÓ PLUS (S) 150W	100W / 120W / 150W	14000 / 17800 / 21000	265 x 265 x 165	1.80 kg
200W	HELÓ PLUS (M) 200W	150W / 180W / 200W	21400 / 24900 / 26400	310 x 310 x 165	2.20 kg
240W	HELÓ PLUS (L) 240W	200W / 220W / 240W	27700 / 30500 / 33000	375 x 375 x 165	2.50 kg

* All result tested base on 4000K CCT LEDs.

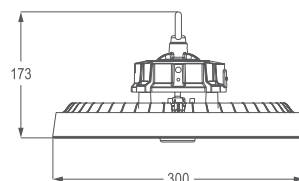


DIMENSION

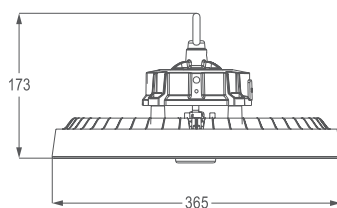
HELÓ PLUS (S) 150W



HELÓ PLUS (M) 200W

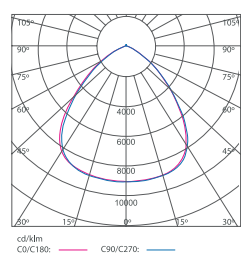


HELÓ PLUS (L) 240W

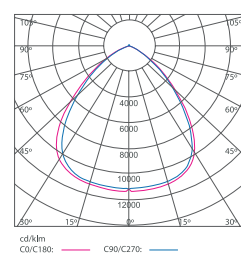


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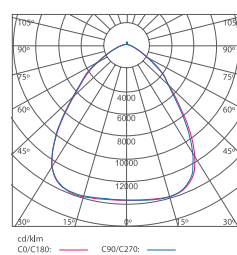
HELÓ PLUS (S) 150W



HELÓ PLUS (M) 200W



HELÓ PLUS (L) 240W



HELÓ PRO



HELÓ PRO

MOTION SENSOR
(UPON REQUEST)

LUMINAIRE SPECIFICATIONS

- Power 60W / 80W / 100W (XS)
90W / 120W / 150W (S)
120W / 160W / 200W (M)
150W / 200W / 240W (L)
190W / 250W / 300W (L)
- Fitting Material Die-Cast Aluminium
- Fitting Color Black
- Optical Cover PC Cover Lens
- Ingress Protection IP65
- Impact Protection IK08
- Voltage 220 ~ 240Vac 50 / 60 Hz
- Electrical Safety Class Class I
- Operating Temperature -40 ~ +45°C
- Installation Hook Mounting with Safety Rope
- LED Driver Built-In Surge Protections 6KV
- Beam Angle XS 120°
S, M, L 90°

OPTIONAL FEATURES (UPON REQUEST)

- Sensor
 - Motion (Plug & Play)
 - Mounting Height up to 14m
- Range Radius
 - Control with a Remote Control
 - Minimum dimming level is 5%

LED MODULE SPECIFICATIONS

- Color Temperature 5700K
- Color Rendering Index (CRI) >80
- L70 100,000 Hrs @ 25°C

COMPLIANCE STANDARD

- LED LM80
- Driver EN/IEC 61347, EN/IEC 55015, EN61547, EN/IEC61000
- Luminaire IEC 60598-1, IEC 60598-2-1

APPLICATION

- Warehouse, Supermarket, Exhibition Center, Gym Room, Shopping Mall & Library

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	SELECTABLE WATTAGE	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
100W	HELÓ PRO (XS) 100W	60W / 80W / 100W	10800 / 14400 / 18000	270 × 270 × 175	1.3 kg
150W	HELÓ PRO (S) 150W	90W / 120W / 150W	16200 / 21600 / 27000	325 × 325 × 175	1.9 kg
200W	HELÓ PRO (M) 200W	120W / 160W / 200W	21600 / 28800 / 36000	370 × 370 × 185	2.6 kg
240W	HELÓ PRO (L) 240W	150W / 200W / 240W	27000 / 36000 / 43200	420 × 420 × 195	5.0 kg
300W	HELÓ PRO (L) 300W	190W / 250W / 300W	34200 / 45000 / 54000	420 × 420 × 195	5.0 kg

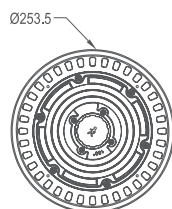
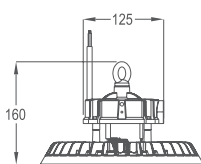
* Please indicate beam angle when ordering.

* All result tested base on 5700K CCT LEDs.

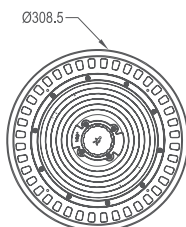
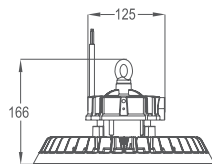


DIMENSION

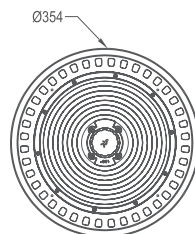
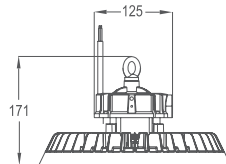
HELÓ PRO (XS) 100W



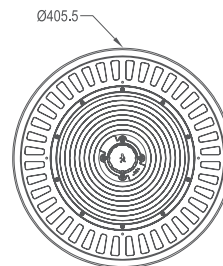
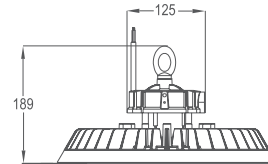
HELÓ PRO (S) 150W



HELÓ PRO (M) 200W

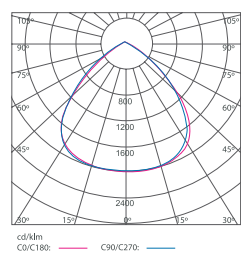


HELÓ PRO (L) 240W / 300W

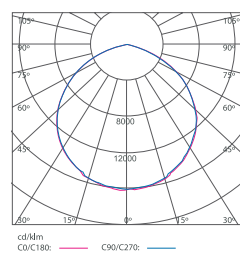


PHOTOMETRIC

90°



120°



NIKON®

LED FLOODLIGHT

To illuminate large outdoor area or the exterior of a building during night. Suitable for facade buildings, port area, constructions and parking area.



NIKON®



LEDXION CERVELLI S3 & S5



CERVELLI S3



CERVELLI S5

LUMINAIRE SPECIFICATIONS

- Power
 - S3 - 100W
 - S3 - 150W
 - S3 - 200W
 - S3 - 250W
 - S3 - 300W
 - S5 - 250W
 - S5 - 300W
 - S5 - 350W
 - S5 - 400W
 - S5 - 450W
 - S5 - 500W
- Fitting Material Marine Grade High Corrosive Resistant Die-Cast Aluminium
- Bracket Material Epoxy Powder Coating
- Fitting Color White Aluminium, Akzo Nobel RAL9006
- Optical Cover High Transparency Tempered Glass
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +50°C
- Surge Protections 10KV, 20KA
- Installation Bracket Mount

OPTIONAL FEATURES

- Driver 1-10V Dimming, Full Programmable, Constant Current Output
- Optics Narrow, Medium, Wide, Asymmetrical

LED MODULE SPECIFICATIONS

- LED Type 5050
- Color Temperature
 - 3000K Warm White
 - 4000K Neutral White
 - 5000K Cool White
- L70 50,000 Hrs
- PCB Material Metal Core (Aluminium)

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384
- SPD IEC 61643-11, UL 1449
- Luminaire EN60598-1, EN60598-2-5, EN62493, EN55015, EN61547, EN61000, EN62471

APPLICATION

- Parking Areas, Facades Lightings, Stadiums / Sport Lightings, Jetties, Ports & Highmasts

MEASUREMENT & ORDER CODE

MODEL	WATTAGE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	SYSTEM EFFICIENCY lm / W	NETT WEIGHT
S3	100W	48	14700	98	665 x 385 x 150	150	10.0 kg
S3	150W	64	21600	149	665 x 385 x 150	145	10.0 kg
S3	200W	80	28330	196	665 x 385 x 150	145	10.0 kg
S3	250W	120	37500	249	665 x 385 x 150	150	11.0 kg
S3	300W	120	45000	302	665 x 385 x 150	150	11.0 kg
S5	250W	96	38970	252	755 x 485 x 160	155	16.0 kg
S5	300W	120	45050	297	755 x 485 x 160	151	16.0 kg
S5	350W	144	51300	350	755 x 485 x 160	146	16.0 kg
S5	400W	216	65730	397	755 x 485 x 160	165	16.0 kg
S5	450W	216	72100	447	755 x 485 x 160	160	18.0 kg
S5	500W	216	76000	490	755 x 485 x 160	155	18.0 kg

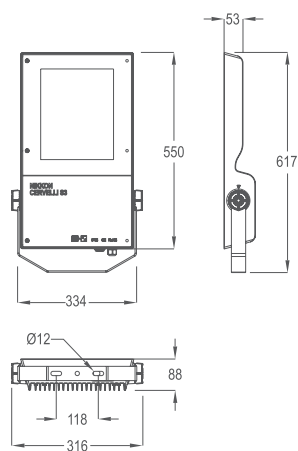
* Please indicate LED color temperature and optic when ordering.

* All result tested base on 5000K CCT LEDs.

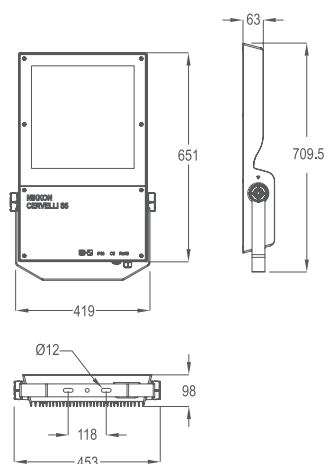


DIMENSION

CERVELLI S3

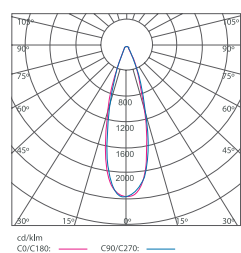


CERVELLI S5

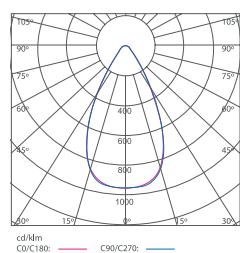


PHOTOMETRIC

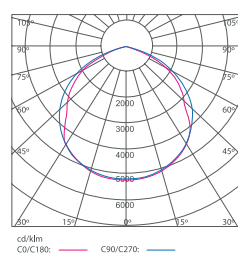
Narrow Beam



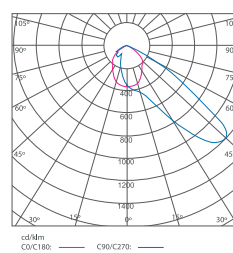
Medium Beam



Wide Beam



Asymmetrical Beam



RA711 SOLAR CERVELLI



CERVELLI S3



DOUBLE ARM INSTALLATION VIEW

LUMINAIRE SPECIFICATIONS

- **Power** S3 - 100W
S3 - 120W
S3 - 150W
S3 - 200W
- **Fitting Material** Marine Grade High Corrosive Resistant Die-Cast Aluminium
- **Bracket Material** Epoxy Powder Coating
- **Fitting Color** White Aluminium
Akzo Nobel RAL9006
- **Optical Cover** High Transparency Tempered Glass
- **Ingress Protection** IP66
- **Impact Protection** IK08
- **Operating Temperature** -30 ~ +50°C
- **Installation** Bracket Mount
- **Optics** Narrow, Medium
Wide, Asymmetrical

LED MODULE SPECIFICATIONS

- **LED Type** 5050
- **Color Temperature** 3000K Warm White
4000K Neutral White
5000K Cool White
6500K Daylight
- **L70** 50,000 Hrs
- **PCB Material** Metal Core (Aluminium)

APPLICATION

- Parking Areas, Facades Lightings, Stadiums / Sport Lightings, Jetties, Ports & Highmasts

SOLAR SYSTEM SPECIFICATIONS

- **Solar Panel Type** Mono Crystalline
- **Solar Panel Capacity** 2 x 36V 120W (For S3-100W & 120W)
2 x 36V 150W (For S3-150W)
2 x 36V 180W (For S3-200W)
- **Backup Time** 2 Days (Pre Set Time Profile)
- **Charge Controller** MPPT Charging
Overheat Protection
Output Short Circuit Protection
- **Battery** Lithium-Iron Phosphate 25.6V 80Ah
Lithium-Iron Phosphate 25.6V 100Ah
Lithium-Iron Phosphate 25.6V 120Ah
Lithium-Iron Phosphate 25.6V 160Ah

WATTAGE	TIME PROFILE	
	TIME DURATION OF 12 HRS	DIMMING PROFILE
100W, 120W, 150W & 200W	4 Hour	100%
	2 Hour	60%
	6 Hour	40%

- The charging performance and operating autonomy of the solar LED lighting system depends on site installation conditions and the availability of adequate sunlight exposure to the solar panel. Locations with insufficient sunlight may result in reduced battery charging efficiency and shortened operating duration

FEATURES

- Stable photo-electric conversion efficiency
- Advanced diuse technology
- Longer lifespan, more than 2000 cycles (battery)
- Micro current charging function
- Membrane for pressure stabilize
- Adjustable angle of solar panel
- Easy maintenance
- Operate with an on / off switch



MEASUREMENT & ORDER CODE

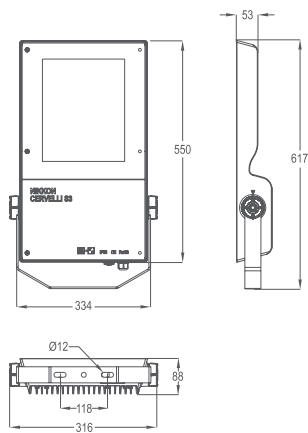
MODEL	WATTAGE	NO. OF LEDs	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	SYSTEM EFFICIENCY lm / W	NETT WEIGHT
S3	100W	48	14700	98	150	58.86 kg
S3	120W	48	17100	118	145	63.76 kg
S3	150W	64	21600	149	145	72.72 kg
S3	200W	80	28330	196	145	85.24 kg

* All result tested base on 5700K CCT LEDs.

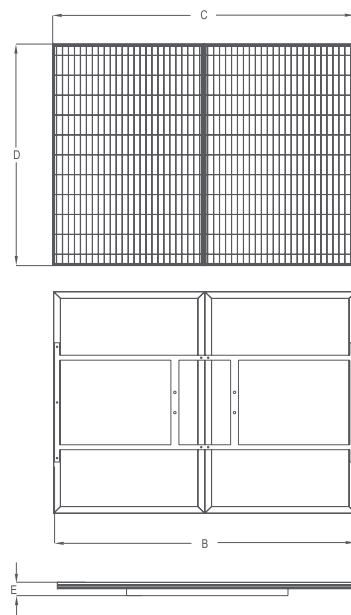


DIMENSION

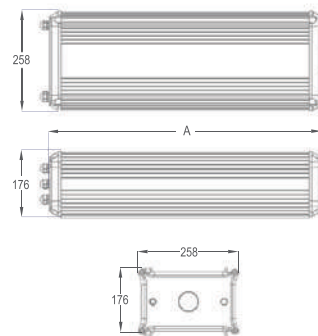
CERVELLI S3



SOLAR PANEL



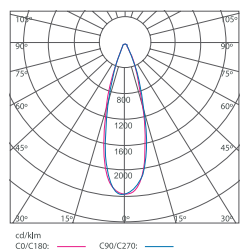
BATTERY



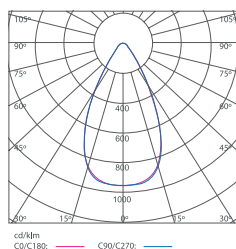
WATTAGE	DIMENSION (mm)				
	A	B	C	D	E
100W	420	1140	1150	975	44
120W	490	1140	1150	975	44
150W	560	1510	1520	935	49
200W	700	1510	1520	1115	49

PHOTOMETRIC

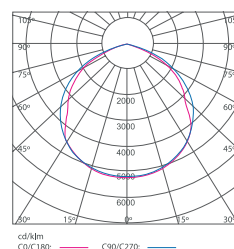
Narrow Beam



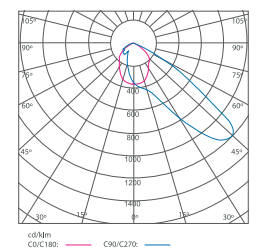
Medium Beam



Wide Beam



Asymmetrical Beam



LEDXION AEROS



AEROS 360W



AEROS 540W



REMOTE CONTROL GEAR

LUMINAIRE SPECIFICATIONS

- Power 360W
540W
- Fitting Material Stainless Steel
- Optical Cover High Transparency Polycarbonate
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +45°C
- Installation Mounting Bracket
- Surge Protections 10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

- Driver Constant Current, 1-10V Dimming, DALI
- Beam Angle 51° (MB51)
19° (NB19)
- Control Intelligent Light Control System
- Power Cable 2m (Pre-Wire)
5m, 10m, 15m & 20m (Optional)

LED MODULE SPECIFICATIONS

- Color Temperature 3000K Warm White
4000K Neutral White
5000K Cool White
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C
- PCB Material Ceramic (Alumina Substrate)
- PCB Trace Silver Conductor (Ag)
- SMD Connector WAGO 2060 Series

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62493, EN61347, EN50581,
EN55015, EN61000, EN61547, EN62384
- Luminaire EN60598-1, EN60598-2-5, EN62493,
EN55015, EN61547, EN61000, EN62471,
CISPR 15



APPLICATION

- Sport & Facade Lightings, Jetties, Highmasts, Sea Ports,
Tower Cranes & Stadium Lightings

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
360W	K10130 360W	168	44000	388	672 x 576 x 330 770 x 420 x 110 (Control Gear)	19.0 kg + 10.5 kg (RCG)
540W	K10131 540W	252	65000	585	951 x 596 x 330 770 x 420 x 110 (Control Gear)	23.0 kg + 13.75 kg (RCG)

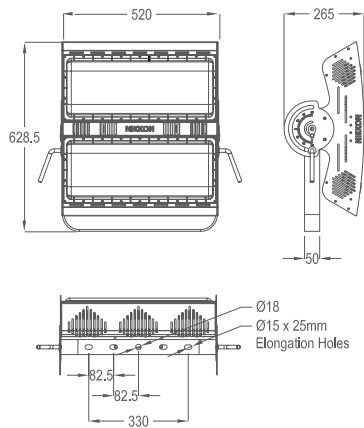
* Please indicate LED color temperature and beam angle when ordering.

* All result tested base on 5000K CCT LEDs.

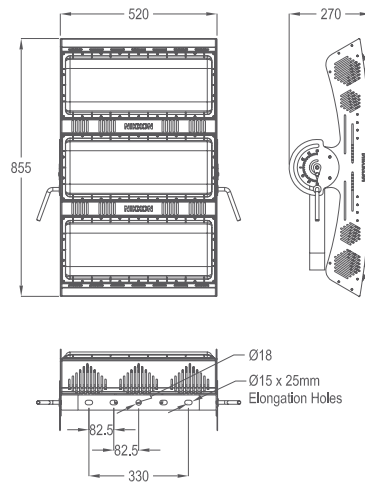


DIMENSION

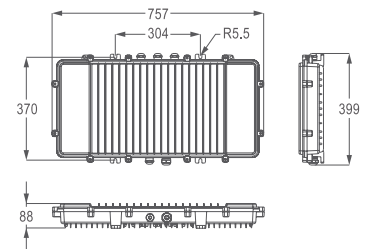
K10130 360W



K10131 540W

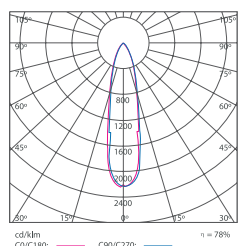


Control Gear

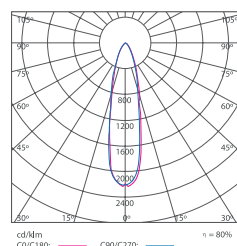


PHOTOMETRIC

K10130 360W



K10131 540W



LEDXION AEROS II



AEROS II 480W



AEROS II 720W



REMOTE CONTROL GEAR

LUMINAIRE SPECIFICATIONS

- Power 480W
720W
- Fitting Material Stainless Steel
- Optical Cover High Transparency Polycarbonate
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +45°C
- Installation Mounting Bracket
- Surge Protections 10KV, 20KA

OPTIONAL FEATURES (UPON REQUEST)

- Driver Constant Current, 1-10V Dimming, DALI
- Beam Angle Narrow Beam
Medium Beam
Asymmetrical Beam
- Power Cable 2m (Pre-Wire)
5m, 10m, 15m & 20m (Optional)

LED MODULE SPECIFICATIONS

- LED Type 5050
- Color Temperature 3000K Warm White
4000K Neutral White
5000K Cool White
- Color Rendering Index (CRI) >70
>90 (Upon Request)
- L70 100,000 Hrs @ 25°C
- PCB Material Metal Core (Alumina)
- SMD Connector WAGO 2060 Series

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62493, EN61347, EN50581,
EN55015, EN61000, EN61547, EN62384
- Luminaire EN60598-1, EN60598-2-5, EN62493,
EN55015, EN61547, EN61000, EN62471,
CISPR 15

APPLICATION

- Sport Lightings, Stadium Lightings, Jetties & Highmasts

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
480W	K10130 480W	168	64550	480	672 x 576 x 330 770 x 420 x 110 (Control Gear)	19.0 kg + 10.5 kg (RCG)
720W	K10131 720W	252	96800	720	951 x 596 x 330 770 x 420 x 110 (Control Gear)	23.0 kg + 13.75 kg (RCG)

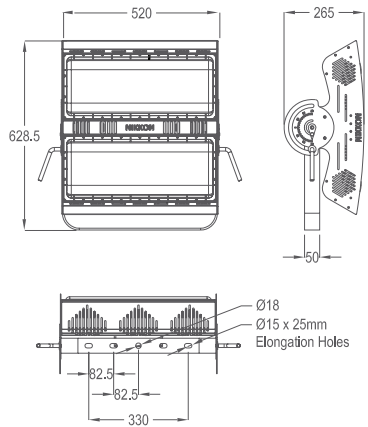
* Please indicate LED color temperature and beam angle when ordering.

* All result tested base on 5000K CCT LEDs.

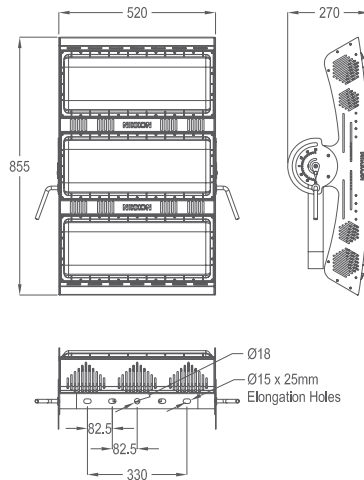


DIMENSION

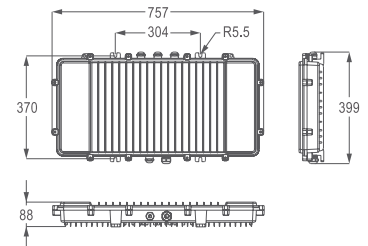
K10130 480W



K10131 720W

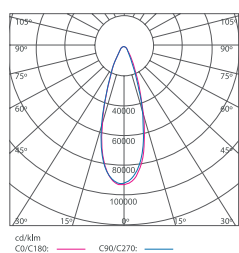


Control Gear

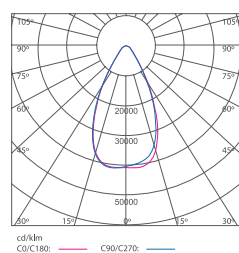


PHOTOMETRIC

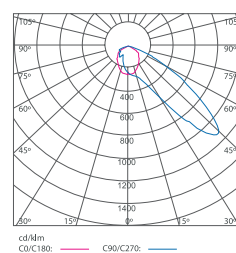
Narrow Beam



Medium Beam



Asymmetrical Beam



LEDXION AEROS III



AEROS III 500W



AEROS III 1000W



AEROS III 1500W



REMOTE CONTROL GEAR

LUMINAIRE SPECIFICATIONS

- Power 500W
1000W
1500W
- Fitting Material Stainless Steel +
Die-Cast Aluminium
- Optical Cover Clear Tempered Glass
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -30 ~ +45°C
- Installation Adjustable Mounting Bracket
- Surge Protections 10KV, 20KA
- Beam Angle 30°
60°
120° (Without Lens)
Asymmetrical
- Power Cable 2m (Pre-Wire)
5m, 10m, 15m & 20m (Optional)

LED MODULE SPECIFICATIONS

- LED Type 5050
- Color Temperature 3000K Warm White
4000K Neutral White
5700K Cool White
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C
- PCB Material Metal Core (Alumina)

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62384, EN61347,
EN55015, EN61000

APPLICATION

- Sport Lightings, Stadium Lightings, Jetties & Highmasts

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
500W	AEROS III 500W	240	73300	680 x 410 x 280 770 x 420 x 110 (control gear)	13.0 kg + 12.0 kg (RCG)
1000W	AEROS III 1000W	480	146600	680 x 680 x 340 770 x 420 x 110 (control gear)	26.0 kg + 16.5 kg (RCG)
1500W	AEROS III 1500W	720	219900	960 x 680 x 340 770 x 420 x 110 (control gear)	40.0 kg + 21.0 kg (RCG)

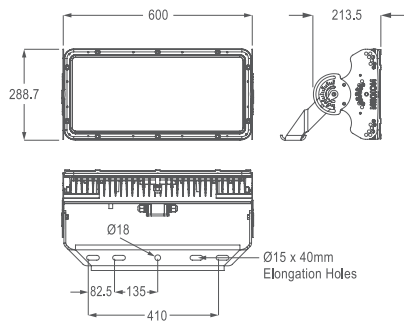
* Please indicate LED color temperature and beam angle when ordering.

* All result tested base on 5000K CCT LEDs.

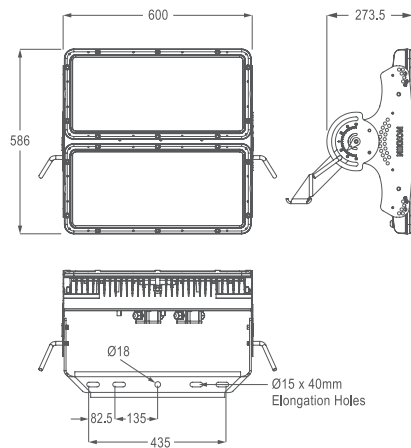


DIMENSION

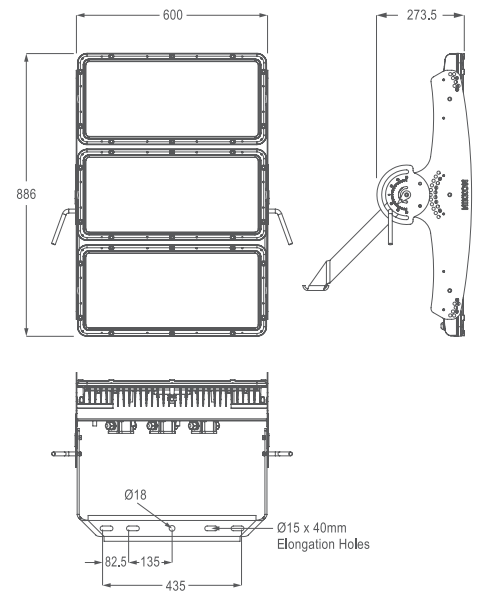
AEROS III 500W



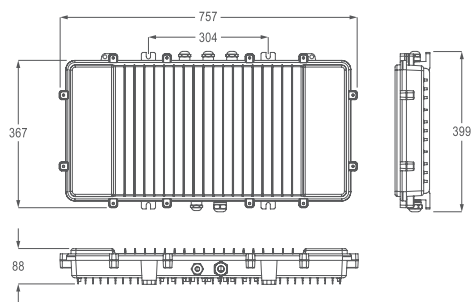
AEROS III 1000W



AEROS III 1500W

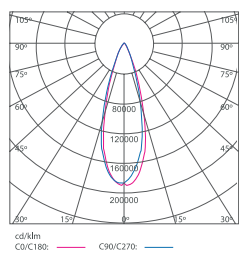


REMOTE CONTROL GEAR

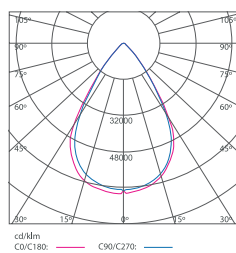


PHOTOMETRIC

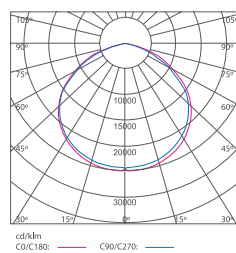
30°



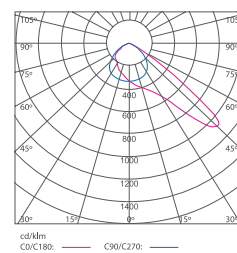
60°



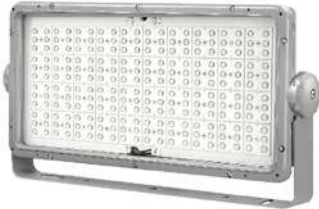
120° (Without Lens)



Asymmetrical



GIANT



GIANT 450W



GIANT 900W



REMOTE CONTROL GEAR

LUMINAIRE SPECIFICATIONS

- Power 450W
900W
- Fitting Material Die-Case Aluminium
- Fitting Color Dark Gray
- Optical Cover Clear Tempered Glass
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60 Hz
- Power Factor ≥ 0.9 (at Full Load)
- Operating Temperature $-30 \sim 45^{\circ}\text{C}$
- Installation Adjustable Mounting Bracket
- Surge Protections 10kV, 20 kA

OPTIONAL FEATURES

- Beam Angle $30^{\circ}, 60^{\circ}, 90^{\circ}$, Asymmetrical

LED MODULE SPECIFICATIONS

- Color Temperature 3000K
5700K (Other CCT Upon Request)
- LED Chips 5050
- Color Rendering Index (CRI) $R_a > 70$
- L70 100,000 Hrs @ 25°C
- PCB Material Metal Core

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver EN61347, EN55015,
IEC/EN61000, EN62384

APPLICATION

- Sport Lighting, Stadium Lighting, Jetties & Highmast

MEASUREMENT & ORDER CODE

WATTAGE	NO. OF LEDs	LUMEN	CONSUMPTION	NETT WEIGHT
450W	240	66000	450W	11.5 kg + 10.5 kg
900W	480	132000	900W	24.6 kg + 13.75 kg

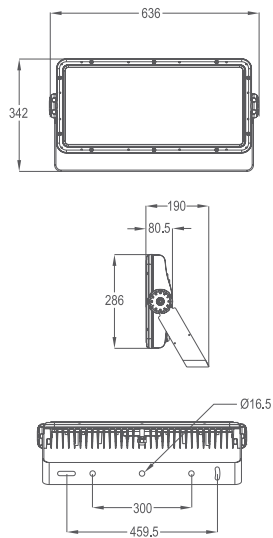
* Please indicate LED color temperature and optic when ordering.

* All result tested base on 5700K CCT LEDs.

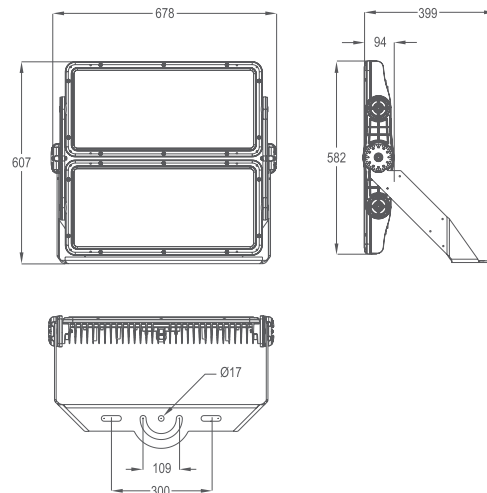


DIMENSION

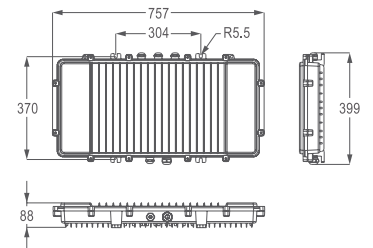
GIANT 450W



GIANT 900W

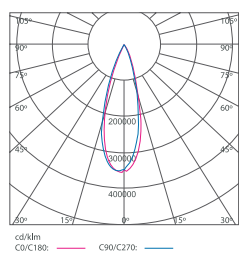


REMOTE CONTROL GEAR

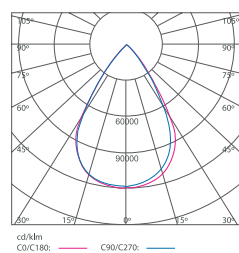


PHOTOMETRIC

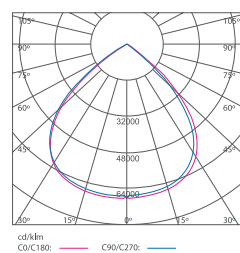
30°



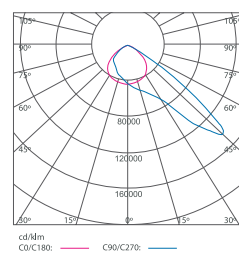
60°



90°



Asymmetrical Beam



GIANT II



GIANT II 500W



GIANT II 1000W

LUMINAIRE SPECIFICATIONS

- Power 500W
1000W
- Fitting Material Non-Corrosive Cast Aluminium
- Fitting Color Grey
- Optical Cover Clear Tempered Glass
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60 Hz
- Power Factor ≥ 0.9 (at Full Load)
- Operating Temperature $-40 \sim 45^{\circ}\text{C}$
- Installation Adjustable Mounting Bracket
- Surge Protections 10KV

OPTIONAL FEATURES

- Beam Angle 60° (500W)
30° (1000W)
90° (Upon Request)

LED MODULE SPECIFICATIONS

- Color Temperature 5000K
- LED Chips 3030
- Color Rendering Index (CRI) $R_a > 80$
- L70 100,000 Hrs @ 25°C
- PCB Material Metal Core

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384

APPLICATION

- Sport Lighting, Stadium Lighting, Jetties & Highmast

MEASUREMENT & ORDER CODE

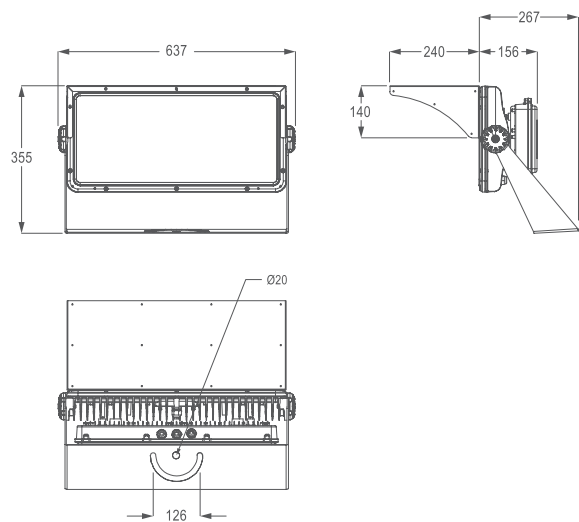
WATTAGE	LUMEN	CONSUMPTION	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
500W	70000	500W	700 x 520 x 225	20.5 kg
1000W	140000	1000W	735 x 720 x 230	38.0 kg

* Please indicate LED color temperature and optic when ordering.
* All result tested base on 5000K CCT LEDs.

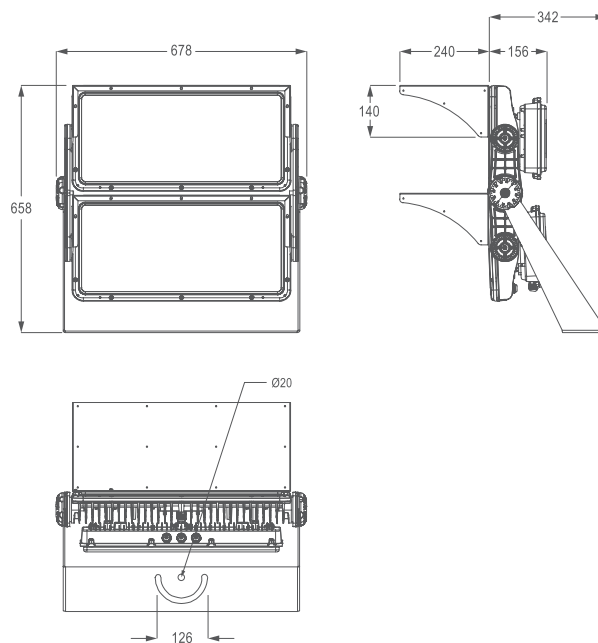


DIMENSION

GIANT II 500W

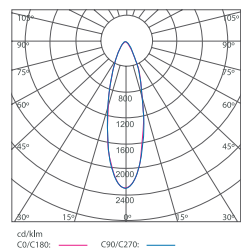


GIANT II 1000W

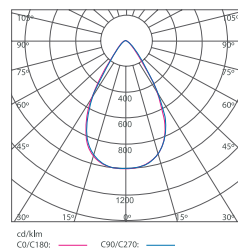


PHOTOMETRIC

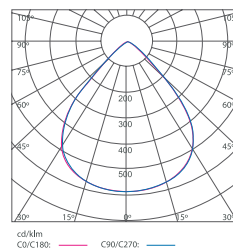
30° (1000W)



60° (500W)



90° (Upon Request)



GIANT III



LUMINAIRE SPECIFICATIONS

- Power 800W
1000W
1200W
- Fitting Material Die-Cast Aluminium
- Fitting Color Gray
- Optical Cover Polycarbonate
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60 Hz
- Operating Temperature -40 ~ +50°C
- Surge Protections 10kA, 20kV

OPTIONAL FEATURES

- Beam Angle 20°
40°
60°

LED MODULE SPECIFICATIONS

- Color Temperature 5700K
- LED Chips 5050
- Color Rendering Index (CRI) Ra >80
- L70 100,000 Hrs @ 25°C

COMPLIANCE STANDARD

- LED LM80, UL, RoHS
- Driver CE, EN62384, EN61347, EN55015, EN61000

APPLICATION

- Sports & Recreational Fields, Large-Scale Outdoor Events, Industrial & Construction Sites, Parking Lots & Garages, Crane Lighting, Security & Outdoor Surveillance

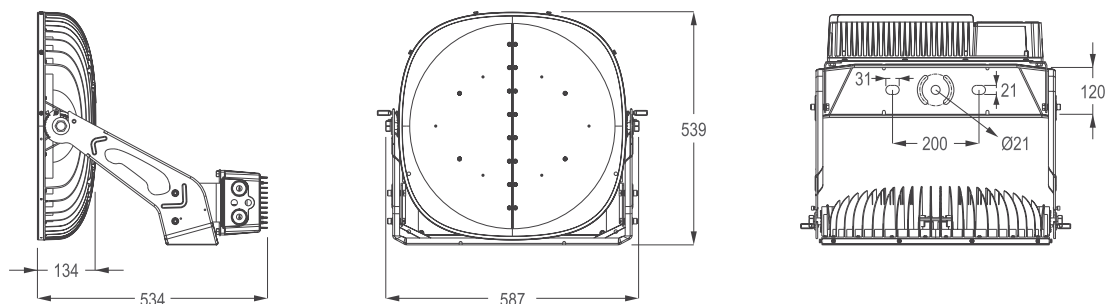
MEASUREMENT & ORDER CODE

WATTAGE	TYPICAL WATTAGE	LUMEN	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
800W	800W	118300	590 x 542.6 x 528	28.5 kg
1000W	1000W	148800	590 x 542.6 x 528	28.5 kg
1200W	1200W	177500	590 x 542.6 x 528	28.5 kg

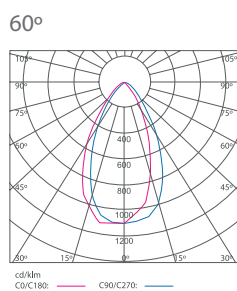
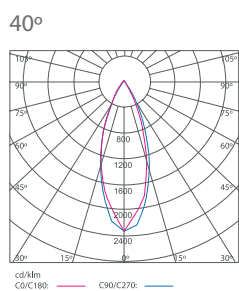
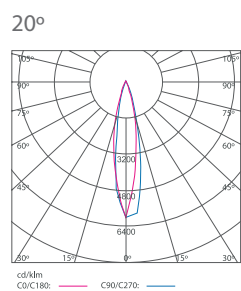
* Please indicate LED color temperature and optic when ordering.
* All result tested base on 5700K CCT LEDs.



DIMENSION



PHOTOMETRIC



TERANG



LUMINAIRE SPECIFICATIONS

• Power	50W 100W 150W 200W 250W 300W 400W 500W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	White Aluminium, RAL9006
• Optical Cover	Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +50°C
• Installation	Bracket Mounting
• Surge Protection	10KV (≤ 300W, LED Driver Built-In) 10KA, 20KV (≥ 400W, External SPD)
• Pre-Wire	1500mm
• Optics	Asymmetrical

OPTIONAL FEATURES (UPON REQUEST)

• Optics	Wide Beam, Narrow Beam, Medium Beam
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MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
50W	T5	6250	50W	350 x 275 x 115	2.10 kg
100W	T10	14000	100W	400 x 335 x 125	3.40 kg
150W	T15	21000	150W	440 x 360 x 130	4.50 kg
200W	T20	28000	200W	470 x 390 x 130	5.50 kg
250W	T25	35000	250W	530 x 450 x 140	8.30 kg
300W	T30	42000	300W	530 x 450 x 140	8.30 kg
400W	T40	60000	400W	735 x 475 x 155	11.70 kg
500W	T50	75000	500W	735 x 475 x 155	12.70 kg

* Please indicate LED color temperature and optic when ordering.

* All result tested base on 5700K CCT LEDs.

LED MODULE SPECIFICATIONS

• Color Temperature	5700K Daylight
• Color Rendering Index (CRI)	≥80
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core

COMPLIANCE STANDARD

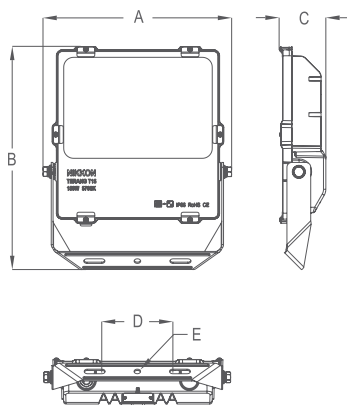
• LED	LM80
• Driver	CE, EN / IEC 61347, EN55015, EN61547, EN61000, EN62493
• Luminaire	IEC60598-1, IEC60598-2-5

APPLICATION

- Historical Buildings, Praying Halls, Theatres, Museums, Passageways, Corridors Areas & Exhibition Halls



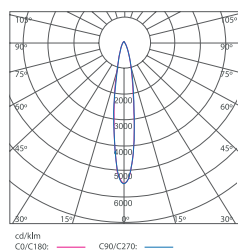
DIMENSION



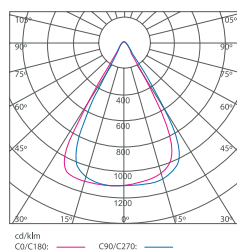
MODEL	DIMENSION (mm)				
	A	B	C	D	E
T5 50W	240	300	69	105	Ø11
T10 100W	295	335	71	143	Ø11
T15 150W	320	375	75	145	Ø11
T20 200W	345	400	78	150	Ø11
T25 250W	410	464	83	210	Ø11
T30 300W	410	464	83	210	Ø11
T40 400W	407	624	89	210	Ø13
T50 500W	407	624	89	210	Ø13

PHOTOMETRIC

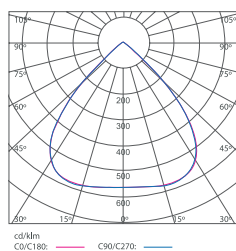
Narrow Beam



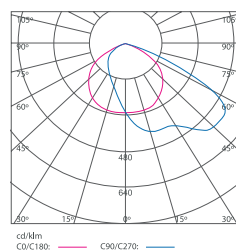
Medium Beam



Wide Beam



Asymmetrical Beam



DRACO ZULO



ZULO 30W



ZULO 50W



ZULO 100W

LUMINAIRE SPECIFICATIONS

• Power	30W 50W 100W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Black
• Optical Cover	Transparency Tempered Glass
• Ingress Protection	IP65
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Mounting Bracket
• Surge Protections	Yes, 4kV
• Pre-Wire	300 mm

APPLICATION

- Parks, Gardens, Facade Lightings, Parking Areas, Commercial & Residential Areas

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
30W	K10140 30W	3150	30	Inner : 180 x 180 x 40 Outer : 460 x 380 x 195 *20 pcs per carton	0.7 kg
50W	K10141 50W	5250	50	Inner : 210 x 210 x 50 Outer : 440 x 275 x 230 *10 pcs per carton	1.0 kg
100W	K10142 100W	10800	100	Inner : 328 x 328 x 58 Outer : 620 x 340 x 345 *10 pcs per carton	2.8 kg

* Please indicate LED color temperature when ordering.
* All result tested base on 5700K CCT LEDs.

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 5700K Daylight
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core

FEATURES

- Built-In IC Technology
- Direct AC Supply Connection (220 ~ 240 Vac 50 / 60Hz)
- No External Driver Required
- High System Efficiency
- Mid Power LEDs
- Thin & Lightweight Size
- Internal Surge Protection Devices (SPD)

COMPLIANCE STANDARD

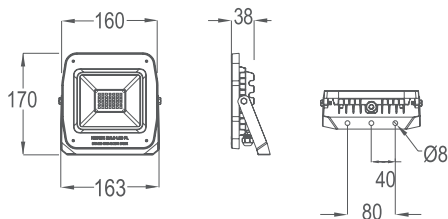
• LED	LM80
• Luminaire	EN60598-1, EN60598-2-5, EN62493, EN55015, EN61547, EN61000





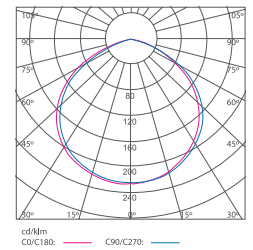
DIMENSION

ZULO K10140 30W

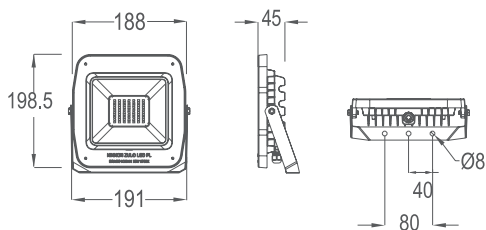


PHOTOMETRIC

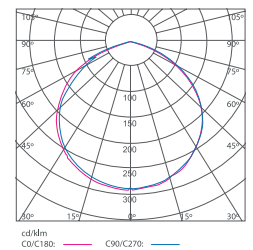
ZULO K10140 30W



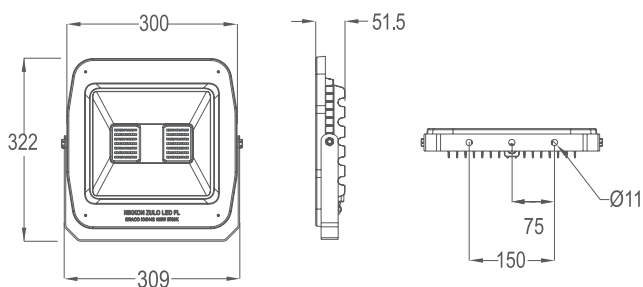
ZULO K10141 50W



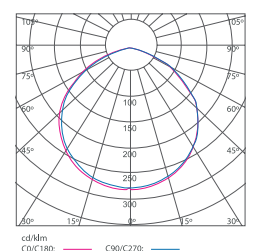
ZULO K10141 50W



ZULO K10142 100W



ZULO K10142 100W



DRACO ZULO



ZULO 150W



ZULO 200W

LUMINAIRE SPECIFICATIONS

• Power	150W 200W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Black
• Optical Cover	Transparency Tempered Glass
• Ingress Protection	IP65
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-30 ~ +45°C
• Installation	Mounting Bracket
• Surge Protections	Yes, 4kV
• Pre-Wire	300 mm

APPLICATION

- Parks, Gardens, Facade Lightings, Parking Areas, Commercial & Residential Areas

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 5700K Daylight
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C
• PCB Material	Metal Core

FEATURES

- Built-In IC Technology
- Direct AC Supply Connection (220 ~ 240 Vac 50 / 60Hz)
- No External Driver Required
- High System Efficiency
- Mid Power LEDs
- Thin & Lightweight Size
- Internal Surge Protection Devices (SPD)

COMPLIANCE STANDARD

• LED	LM80
• Luminaire	EN60598-1, EN60598-2-5, EN62493, EN55015, EN61547, EN61000



MEASUREMENT & ORDER CODE

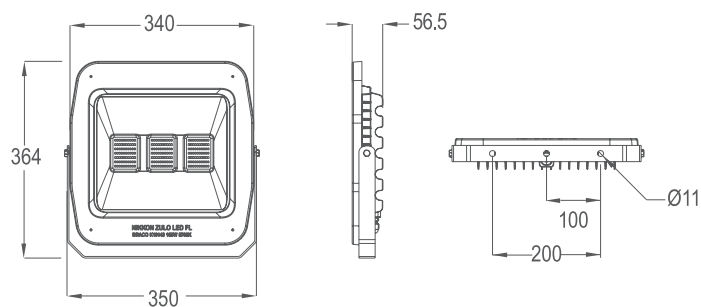
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	K10143 150W	13500	150	Inner : 375 x 375 x 67 Outer : 390 x 370 x 395 *5 pcs per carton	3.6 kg
200W	K10144 200W	18000	200	Inner : 420 x 420 x 72 Outer : 435 x 395 x 440 *5 pcs per carton	4.7 kg

* Please indicate LED color temperature when ordering.
* All result tested base on 5700K CCT LEDs.



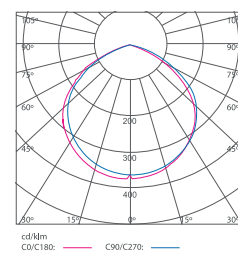
DIMENSION

ZULO K10143 150W

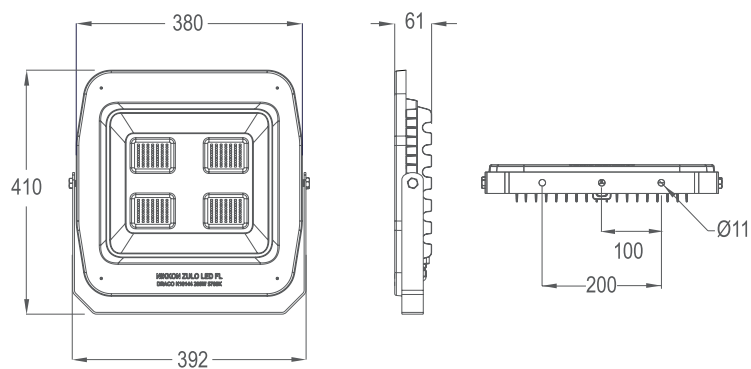


PHOTOMETRIC

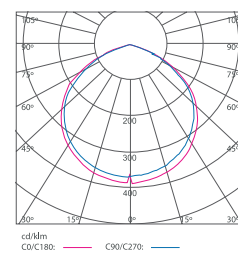
ZULO K10143 150W



ZULO K10144 200W



ZULO K10144 200W



ZULO II



ZULO II 50W



ZULO II 100W



ZULO II 200W

LUMINAIRE SPECIFICATIONS

- Power 50W
100W
200W
- Fitting Material ADC12 Die-Cast Aluminium
Non-Corrosive
- Fitting Color Black
- Optical Cover Clear Glass
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Electrical Safety Class Class I
- Operating Temperature -40 ~ +45°C
- Installation Mounting Bracket
- Surge Protections Yes, 8kV

APPLICATION

- Exhibition Halls, Car Park, Walkways, Sport Fields, Billboards & Construction Sites

LED MODULE SPECIFICATIONS

- Color Temperature 3000K Warm White
6500K Daylight
- Color Rendering Index (CRI) >70
- L70 100,000 Hrs @ 25°C

FEATURES

- Built-In IC Technology
- Direct AC Supply Connection (220 ~ 240 Vac 50 / 60Hz)
- No External Driver Required
- High System Efficiency
- Mid Power LEDs
- Thin & Lightweight Size

COMPLIANCE STANDARD

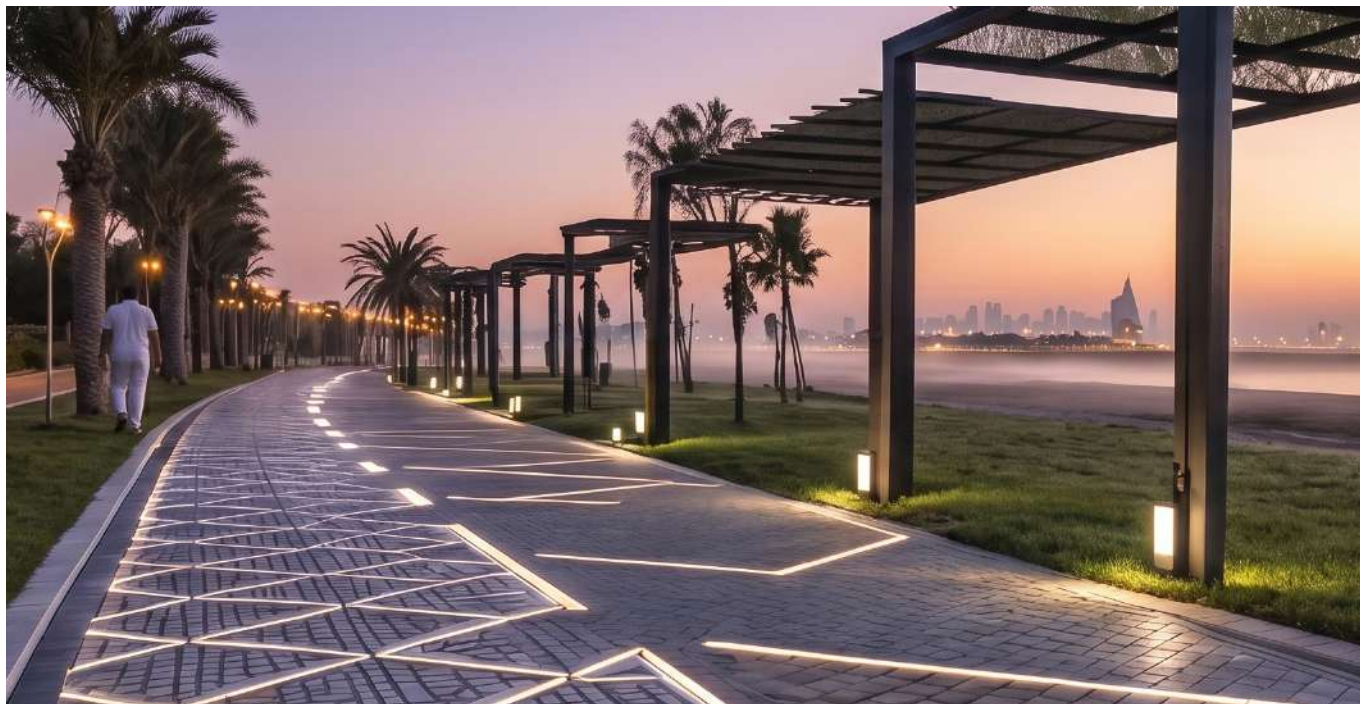
- LED LM80
- Luminaire EN60598-1, EN60598-2-1, EN62471, EN62493, EN61000-3, EN61547, EN55015



MEASUREMENT & ORDER CODE

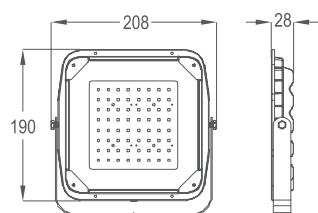
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	QTY / CARTON	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT (PER UNIT)
50W	Zulo II 50W	4941	50W	20pcs / ctn	445 x 360 x 230	0.9 kg
100W	Zulo II 100W	10506	100W	10pcs / ctn	420 x 315 x 315	2.0 kg
200W	Zulo II 200W	20160	200W	5pcs / ctn	390 x 270 x 390	3.3 kg

* Please indicate LED color temperature when ordering.
* All result tested base on 6500K CCT LEDs.

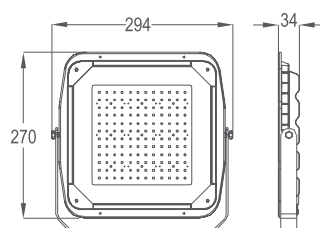


DIMENSION

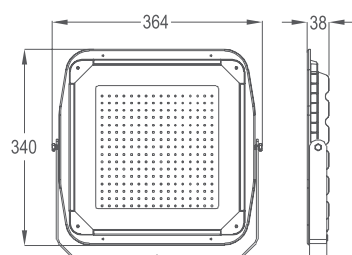
ZULO II 50W



ZULO II 100W

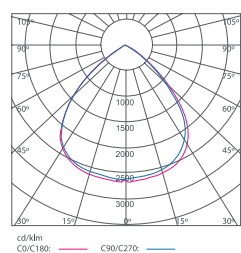


ZULO II 200W

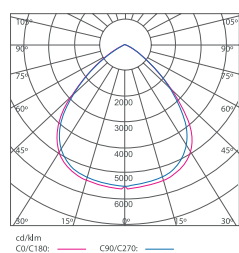


PHOTOMETRIC

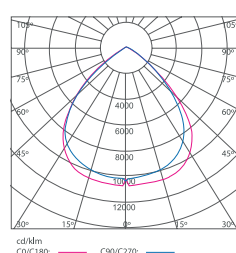
ZULO II 50W



ZULO II 100W



ZULO II 200W



ZULO II



ZULO II 300W



ZULO II 400W

LUMINAIRE SPECIFICATIONS

• Power	300W 400W
• Fitting Material	ADC12 Die-Cast Aluminium Non-Corrosive
• Fitting Color	Black
• Optical Cover	Clear Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Electrical Safety Class	Class I
• Operating Temperature	-40 ~ +45°C
• Installation	Mounting Bracket
• Surge Protections	Yes, 8kV

APPLICATION

- Exhibition Halls, Car Park, Walkways, Sport Fields, Billboards & Construction Sites

LED MODULE SPECIFICATIONS

• Color Temperature	3000K Warm White 6500K Daylight
• Color Rendering Index (CRI)	>70
• L70	100,000 Hrs @ 25°C

FEATURES

- Built-In IC Technology
- Direct AC Supply Connection (220 ~ 240 Vac 50 / 60Hz)
- No External Driver Required
- High System Efficiency
- Mid Power LEDs
- Thin & Lightweight Size

COMPLIANCE STANDARD

• LED	LM80
• Luminaire	EN60598-1, EN60598-2-1, EN62471, EN62493, EN61000-3, EN61547, EN55015



MEASUREMENT & ORDER CODE

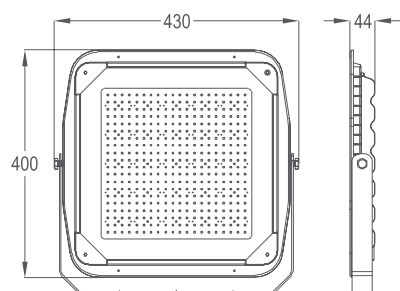
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	QTY / CARTON	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT (PER UNIT)
300W	Zulo II 300W	28823	300W	2pcs / ctn	455 x 128 x 455	4.9 kg
400W	Zulo II 400W	38125	400W	2pcs / ctn	515 x 140 x 515	7.0 kg

* Please indicate LED color temperature when ordering.
* All result tested base on 6500K CCT LEDs.

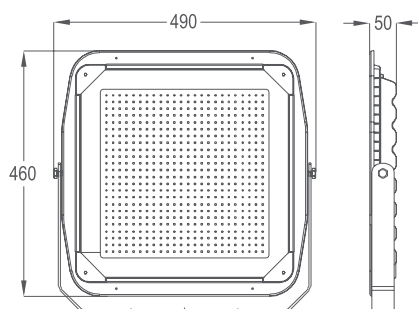


DIMENSION

ZULO II 300W

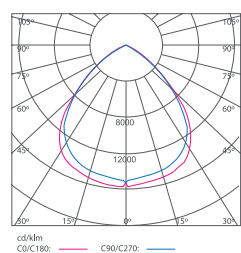


ZULO II 400W

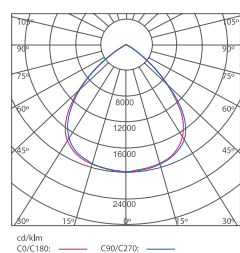


PHOTOMETRIC

ZULO II 300W



ZULO II 400W



MELO



MELO 30W

MELO 50W

MELO 100W

MELO 150W

LUMINAIRE SPECIFICATIONS

• Power	30W 50W 100W 150W
• Fitting Material	Non-Corrosive Die-Cast Aluminium
• Fitting Color	Black
• Optical Cover	High Transparency Tempered Glass
• Ingress Protection	IP65
• Impact Protection	IK08
• Voltage	220-240Vac 50 / 60Hz
• Electrical Safety Class	Class 1
• Operating Temperature	-20 ~ +45°C
• Installation	Mounting Bracket
• Beam Angle	120°
• Surge Protection	4kV (30W, 50W) 10kV (100W, 150W)
• Power Factor	≥0.9

FEATURES

- Built-In IC Technology
- No External Driver Required
- Internal Surge Protection Devices (SPD)
- Bending Bracket for Easy Installing
- Professional Design with Breather, No Water Vapor & Atomization
- Mid Power LED's
- Thin & Lightweight Size

LED MODULE SPECIFICATION

• Colour Temperature	3000K (Warm White) 4000K (Cool White) (Upon Request) 6500K (Daylight)
• Colour Rendering Index	≥70
• L70	50,000 hrs
• PCB Material	Metal Core

COMPLIANCE STANDARD

• LED	LM80
• LUMINAIRE	EN60598-1, EN60598-2-5, EN62493, EN55015, EN61547, EN61000

APPLICATION

- Parks, Gardens, Facade Lightings, Parking Areas, Commercial & Residential Areas

MEASUREMENT & ORDER CODE

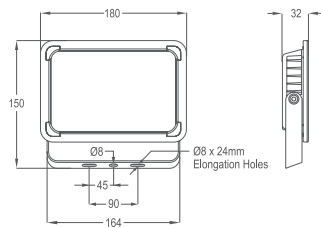
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
30W	Melo 30W	3100	170 x 185 x 40	0.56 kg
50W	Melo 50W	5200	200 x 245 x 45	0.93 kg
100W	Melo 100W	11000	270 x 365 x 70	1.80 kg
150W	Melo 150W	16000	310 x 430 x 70	3.20 kg

* Please indicate LED color temperature when ordering.
* All result tested base on 6500K CCT LEDs.

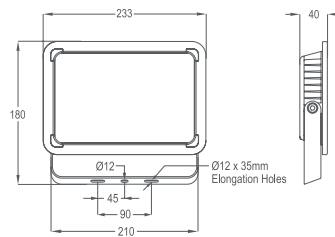


DIMENSION

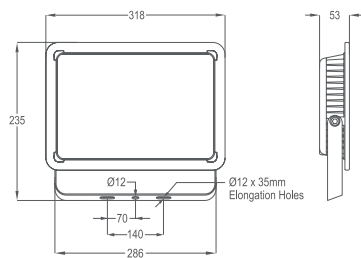
MELO-30W



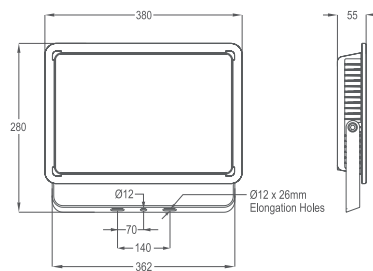
MELO-50W



MELO-100W

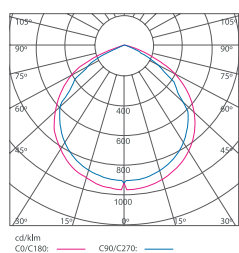


MELO-150W

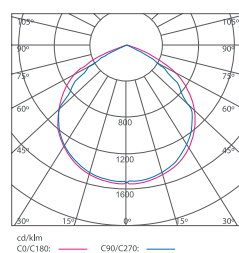


PHOTOMETRIC

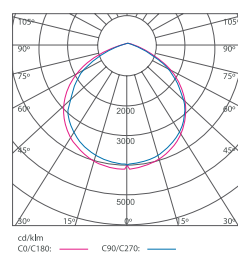
MELO-30W



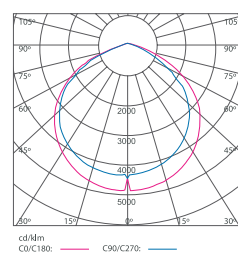
MELO-50W



MELO-100W



MELO-150W



MELO



MELO 200W/250W



MELO 300W/350W



MELO 400W

LUMINAIRE SPECIFICATIONS

• Power	200W 250W 300W 350W 400W
• Fitting Material	Non-Corrosive Die Cast Aluminium
• Fitting Color	Black
• Optical Cover	High Transparency Tempered Glass
• Ingress Protection	IP65
• Impact Protection	IK08
• Voltage	220-240Vac 50 / 60Hz
• Electrical Safety Class	Class 1
• Operating Temperature	-20 ~ +45°C
• Installation	Mounting Bracket
• Beam Angle	120°
• Surge Protection	10kV (200W, 250W, 300W, 350W, 400W)
• Power Factor	≥0.9

FEATURES

- Built-In IC Technology
- No External Driver Required
- Internal Surge Protection Devices (SPD)
- Bending Bracket for Easy Installing
- Professional Design with Breather, No Water Vapor & Atomization
- Mid Power LED's
- Thin & Lightweight Size

LED MODULE SPECIFICATION

• Colour Temperature	3000K (Warm White) 4000K (Cool White) (Upon Request) 6500K (Daylight)
• Colour Rendering Index	≥70
• L70	50,000 hrs
• PCB Material	Metal Core

COMPLIANCE STANDARD

• LED	LM80
• LUMINAIRE	EN60598-1, EN60598-2-5, EN62493, EN55015, EN61547, EN61000

APPLICATION

- Parks, Gardens, Facade Lightings, Parking Areas, Commercial & Residential Areas

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
200W	Melo 200W	21000	355 x 505 x 70	4.20 kg
250W	Melo 250W	25000	358 x 505 x 70	4.30 kg
300W	Melo 300W	30000	565 x 415 x 135	6.50 kg
350W	Melo 350W	35000	565 x 415 x 135	6.80 kg
400W	Melo 400W	40000	665 x 480 x 135	8.10 kg

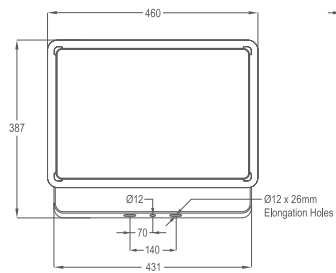
* Please indicate LED color temperature when ordering.

* All result tested base on 6500K CCT LEDs.

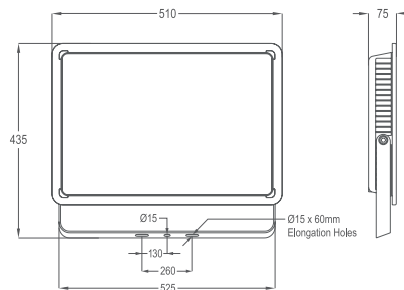


DIMENSION

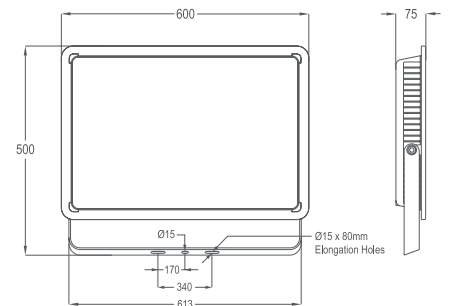
MELO-200W/250W



MELO-300W/350W

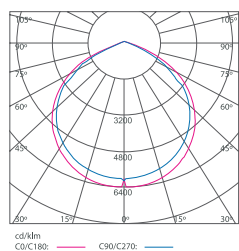


MELO-400W

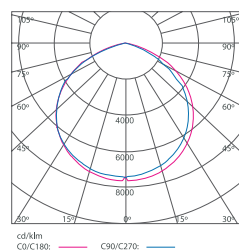


PHOTOMETRIC

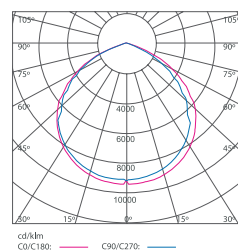
MELO-200W



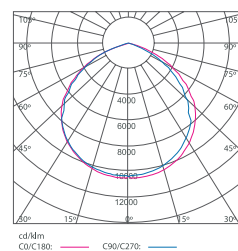
MELO-250W



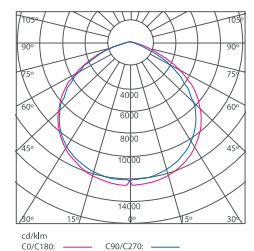
MELO-300W



MELO-350W



MELO-400W



2078S RGBW



LUMINAIRE SPECIFICATIONS

- Power 100W
200W
- Fitting Material Non-Corrosive
Die-Cast Aluminium
- Fitting Color Dark Grey, RAL9023
- Optical Cover Tempered Glass
- Ingress Protection IP66
- Impact Protection IK08
- Voltage 220 ~ 240 Vac 50 / 60Hz
- Operating Temperature -30 ~ +45°C
- Installation Mounting Bracket
- Beam Angle 45°
- Control Method DMX512, Constant Current

LED MODULE SPECIFICATIONS

- Color Temperature RGBW, Single
- LED Chips 3535 RGBW
- Color Rendering Index (CRI) ≤70
- L70 >100,000 Hrs @ 25°C

COMPLIANCE STANDARD

- LED LM80
- Driver CE, EN550155, EN61000, EN61547
- Luminaire CE, EN60598-1, EN60598-2-1

APPLICATION

- Walkways, Parks, Gardens, Facade Lightings,
Parking Areas, Commercial & Residential Areas

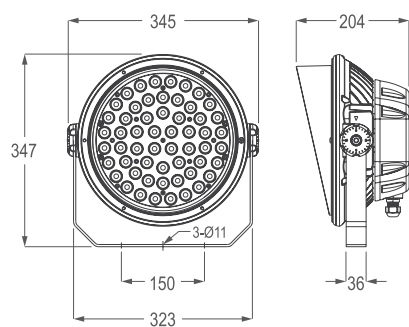
MEASUREMENT & ORDER CODE

WATTAGE	NO. OF LEDS	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
100W	56	360 x 355 x 220	6.37 kg
200W	84	435 x 430 x 260	11.3 kg

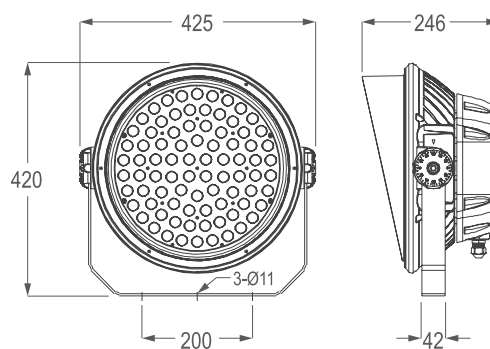


DIMENSION

2078S 100W

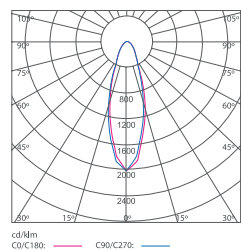


2078S 200W



PHOTOMETRIC

40°



NIKON®

LED ARCHITECTURAL LIGHTING

Warm white garden light creates visual comfort for pedestrian, brighten outdoor area during night with garden light. Suitable for garden recreational parks, playgrounds, courtyard and swimming pool.



NIKON®



5005 GARDEN LIGHT



SOLAR SERIES



AC SERIES

LUMINAIRE SPECIFICATIONS

- **Power** 25W (Solar Series)
30W (Solar Series)
100W (AC Series)
- **Lumen** 25W - 5000lm
30W - 6000lm
100W - 17000lm
- **Fitting Material** Die-Cast Aluminium
- **Fitting Color** Black
- **Ingress Protection** IP66
- **Impact Protection** IK08
- **Voltage** 12.8V (Solar Series)
220~240 Vac 50/60 Hz (AC Series)
- **Operating Temperature** -20 ~ +50°C (Solar Series)
-40 ~ +45°C (AC Series)
- **Beam Angle** Type I, II, III
- **Installation** Ø60 mm Pole, Post
Top with -20° to 20°
Universal Adjustable

APPLICATION

- Pathways, Parks, Foot Paths, Residential Areas, Road Lighting, Car Parks & Access Ways

LED MODULE SPECIFICATIONS

- **LED Chips** 2835
- **Color Temperature** 3000K ~ 6500K
(Other CCT Upon Request)
- **Color Rendering Index** RA >70

SOLAR SYSTEM SPECIFICATIONS

- **Solar Panel Type** Monocrystalline Silicon
- **Solar Panel Capacity** 18V 40W
- **Backup Time** 1 - 2 Day Autonomy
- **Charge Controller** MPPT Charging
- **Battery** Lithium-Iron Phosphate
12.8V 17Ah (217.6Wh)
Lithium-Iron Phosphate
12.8V 20.4Ah (261.12Wh)

TIME PROFILE			
WATTAGE	TIME DURATION OF 12 HRS	MOTION DETECTION	
		YES	NO
25W & 30W	2hrs	100%	50%
	2hrs	50%	30%
	6hrs	20%	10%
	2hrs	50%	30%

Note: Solar LED performance and autonomy depend on installation site and sunlight. Insufficient sunlight may reduce charging efficiency and operating time

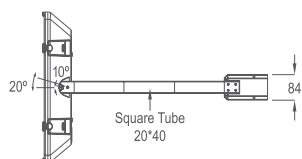
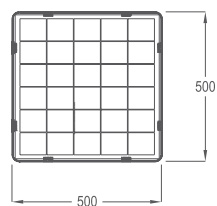
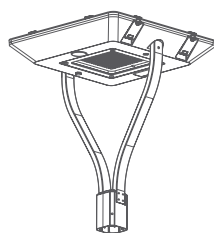
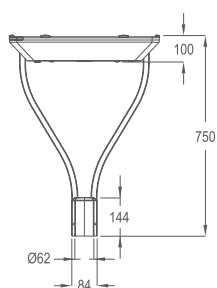
MEASUREMENT & ORDER CODE

LUMEN	ORDER CODE	SELECTABLE WATTAGE	SOLAR PANEL CAPACITY	LITHIUM-ION	NETT WEIGHT
5000	500525	25W	18V 40W	12.8V 17Ah	13.085 kg
6000	500530	30W	18V 40W	12.8V 20.4Ah	13.085 kg
17000	5005100	100W	-	-	13.085 kg

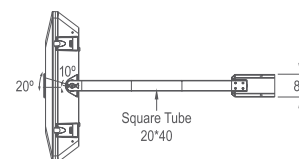
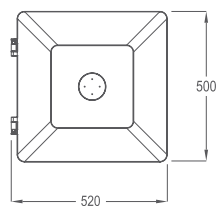
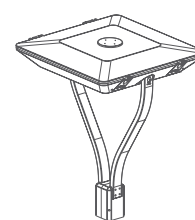
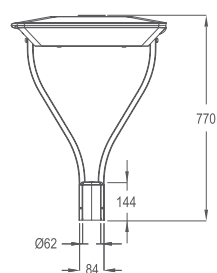


DIMENSION

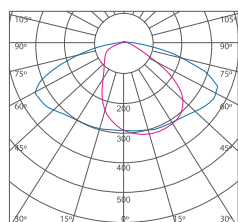
5005 GARDEN LIGHT
(SOLAR SERIES)



5005 GARDEN LIGHT
(AC SERIES)



PHOTOMETRIC



cd/ftm
C0/C180: — C90/C270: —

VUPA - G1



LUMINAIRE SPECIFICATIONS

• Power	40W 60W 75W
• Fitting Material	Non-Corrosive Cast Aluminium
• Fitting Color	Black / Light Grey
• Optical Cover	Tempered Glass
• Ingress Protection	IP66
• Impact Protection	IK08
• Voltage	220 ~ 240 Vac 50 / 60Hz
• Power Factor	≥0.9 (at Full Load)
• Operating Temperature	-30 ~ 40°C
• Installation	Ø60mm / Ø76mm (Upon Request) Post Top or Round Bar
• Surge Protections	4KV
• Pre - Wire	1.5m

LED MODULE SPECIFICATIONS

• LED Chips	3030
• Color Temperature	3000K Warm White 4000K Neutral White
• Color Rendering Index (CRI)	RA >70
• L70	50,000 Hrs @ 25°C
• Beam Angle	Type V (140° x 140°)
• PCB Material	Metal Core

COMPLIANCE STANDARD

• LED	LM80, UL, RoHS
• Driver	CE, EN62493, EN61347, EN50581, EN55015, EN61000, EN61547, EN62384



APPLICATION

- Courtyard, Garden, Community & Causeway

MEASUREMENT & ORDER CODE

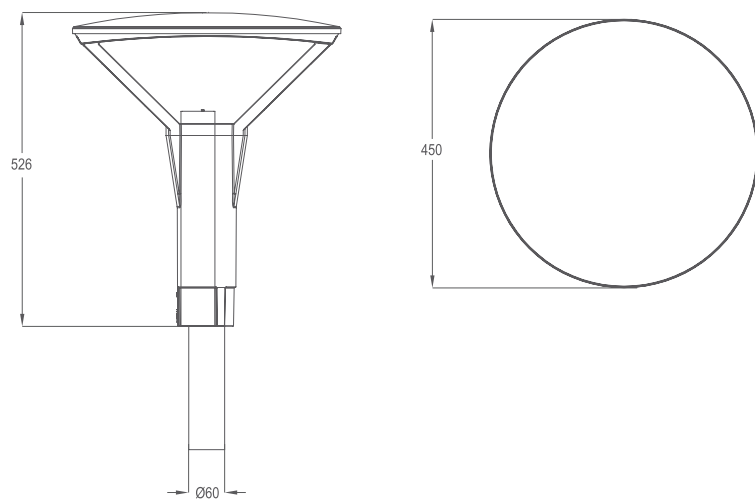
WATTAGE	LUMEN	CONSUMPTION	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
40W	4800lm	42W	530 x 530 x 245	7.5 kg
60W	7200lm	63W	530 x 530 x 245	7.5 kg
75W	9000lm	79W	530 x 530 x 245	7.5 kg

* Please indicate LED color temperature when ordering.

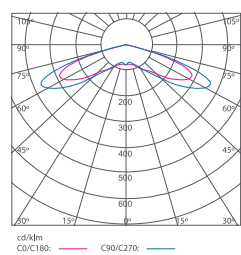
* All result tested base on 3000K CCT LEDs.



DIMENSION



PHOTOMETRIC



NIKKON[®]

HQ, MALAYSIA

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INDONESIA

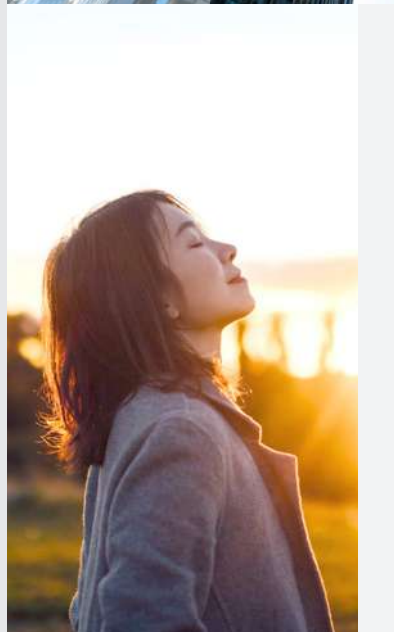
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