



NIKKON®
LED LIGHTING

ABOUT US



SUCCESS is a leading manufacturer of low voltage transformers in Malaysia, offering the most comprehensive range of products in the industry. The company also supplies industrial lighting solutions to customers in both domestic and international markets. Over the years, **SUCCESS** has consistently focused on customer satisfaction and innovation, which has enabled it to become one of the largest manufacturers of low voltage transformers and industrial lighting in Malaysia.

The manufacturing of power transformers and electrical apparatus products including automatic voltage stabilizers, detuned harmonic circuit filter reactors, automotive battery chargers is the core strength of this company. In addition, the company offers a wide range of industrial lighting products such as floodlights, streetlights, highbays and LED lighting, with their LED smart range being particularly noteworthy.

SUCCESS has been supplying and supporting the domestic market for many years, boasting a distribution network of over 850 distributors in Malaysia. Globally, **SUCCESS** exports its products to more than 40 countries worldwide, including Australia, Indonesia, Singapore, United Arab Emirates (UAE), South Africa, Japan, Korea, Sweden, Spain and Portugal. With a strong focus on global expansion, the company is actively seeking new business opportunities in various international markets.

On the whole, the company is committed to maintaining high-quality products and services, with the ultimate goal of providing satisfactory service to customers worldwide. The company strives to meet the needs and expectations of customers in all markets through its steadfast commitment to quality and service excellence.

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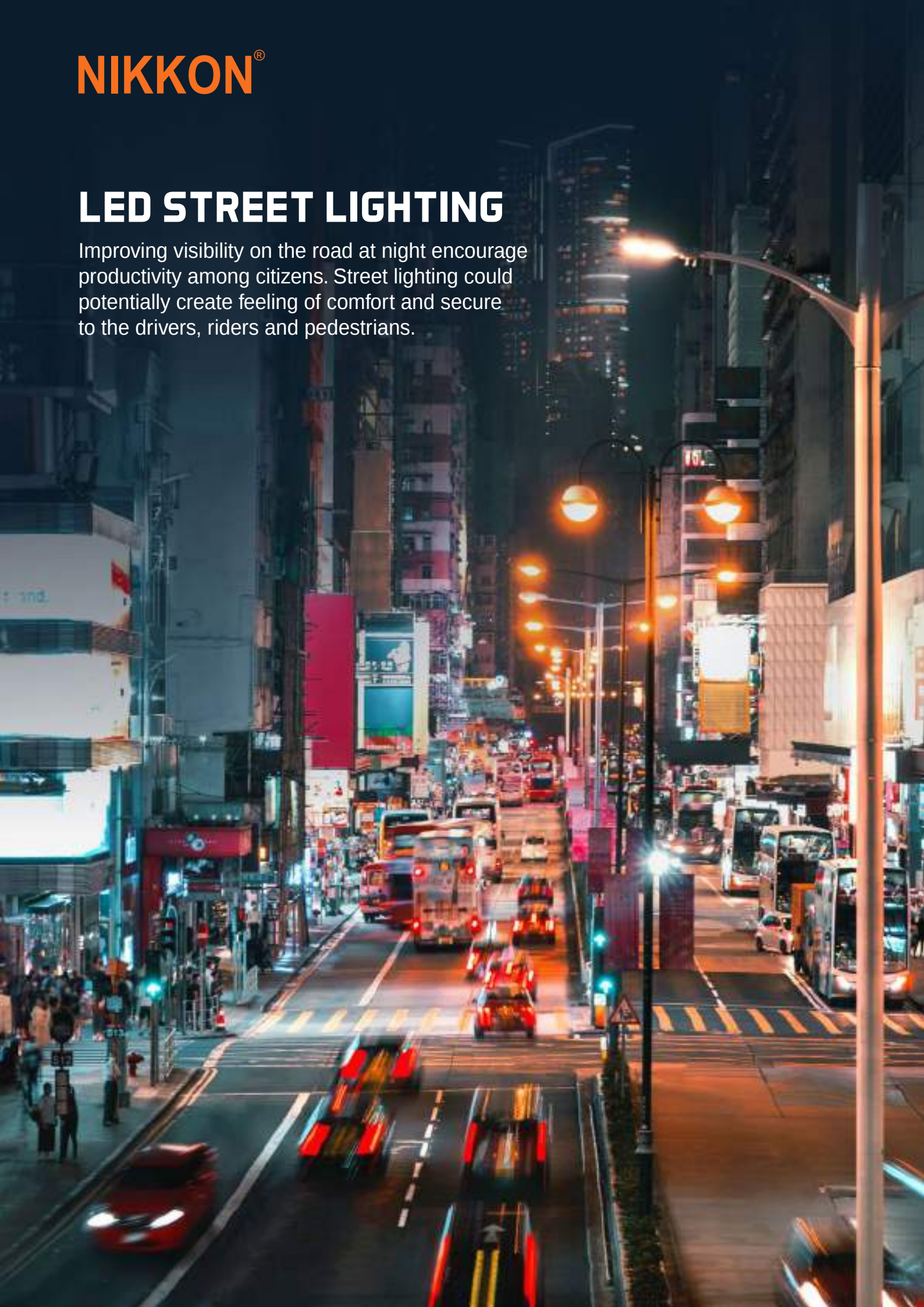
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LED STREET LIGHTING

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.



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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

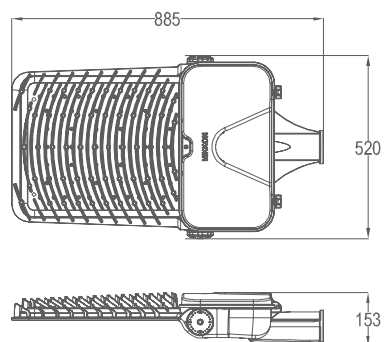
* Please indicate LED color temperature and optic when ordering.

* All result tested base on 5000K CCT LEDs.

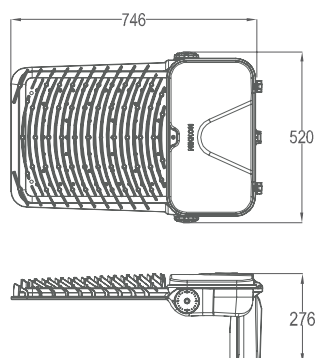


DIMENSION

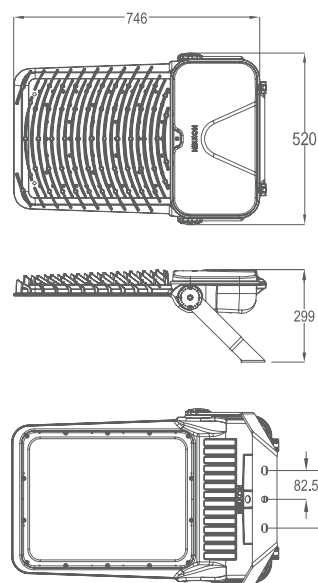
Side Entry



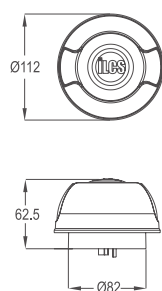
Post Top



Mounting Bracket

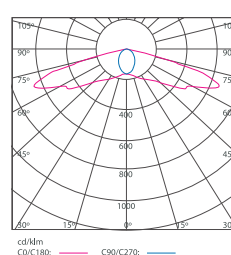


Light Control Unit

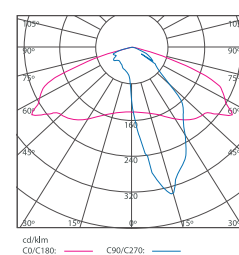


PHOTOMETRIC

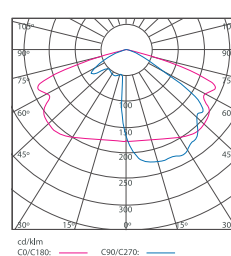
Type I



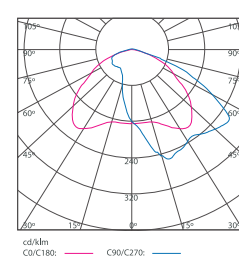
Type II



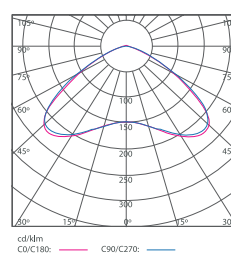
Type III



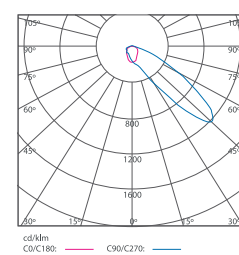
Type IV



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**
Marine Grade High Corrosive Resistant 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 Dimming Control, Constant Current-Output
- **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
- **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.

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

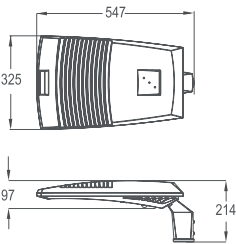
* Please indicate LED color temperature and optic when ordering.

* All result tested base on 5000K CCT LEDs.

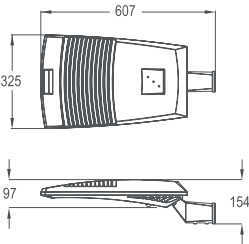


DIMENSION

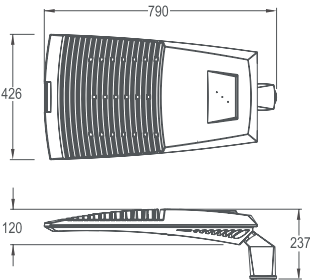
K09132 M1 - Post Top



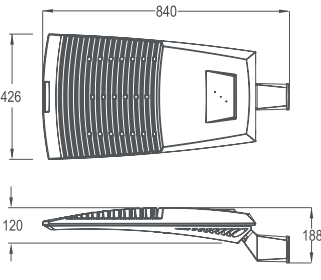
K09132 M1 - Side Entry



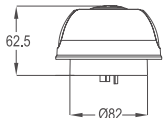
K09133 M2 - Post Top



K09133 M2 - Side Entry

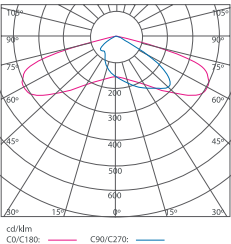


Light Control Unit

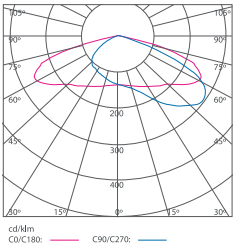


PHOTOMETRIC

Type I



Type II



LEDXION S536



LUMINAIRE SPECIFICATIONS

• Power	150W 170W 180W 190W 200W 210W
• Fitting Material	Marine Grade Non-Corrosive 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

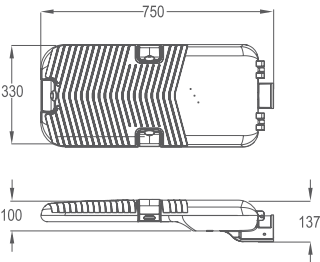


APPLICATION

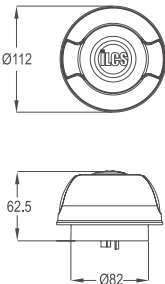
- Rural Roads, Urban Roads, Express Ways, Car Parks, Roundabouts, Motorways & Municipal Areas.



DIMENSION

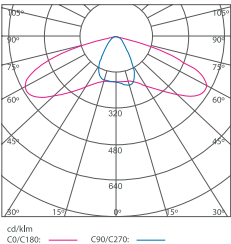


Light Control Unit

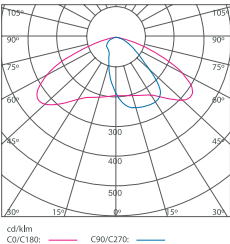


PHOTOMETRIC

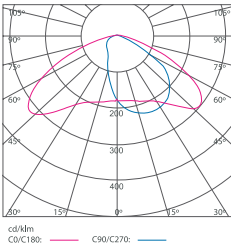
Type 1



Type 2



Type 3



LEDXION S533



LUMINAIRE SPECIFICATIONS

• Power	90W 120W 150W 170W
• Fitting Material	Marine Grade Non-Corrosive 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

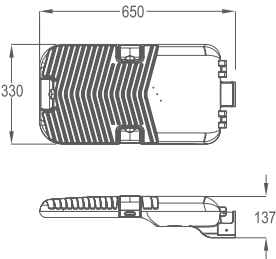
* Please indicate LED color temperature and optic when ordering.

* Programmable dimming LED driver is available upon request.

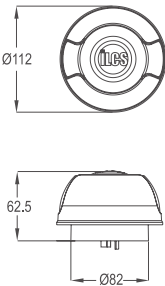
* All result tested base on 5000K CCT LEDs.



DIMENSION

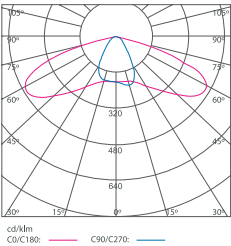


Light Control Unit

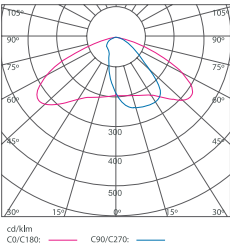


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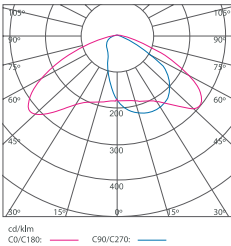
Type 1



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

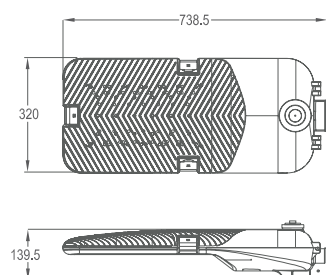
* Please indicate LED color temperature and optic when ordering.

* Programmable dimming LED driver is available upon request.

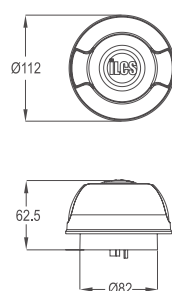
* All result tested base on 5000K CCT LEDs.



DIMENSION

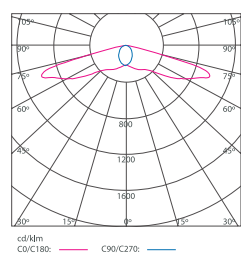


Light Control Unit

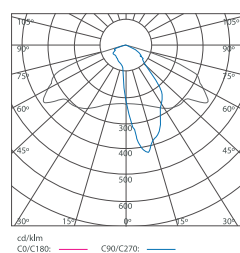


PHOTOMETRIC

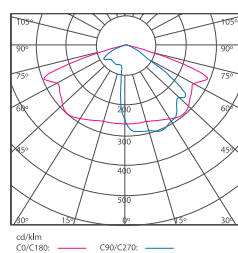
Type I



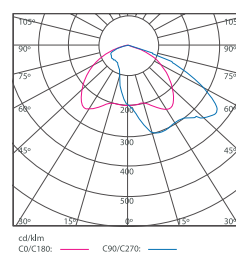
Type II



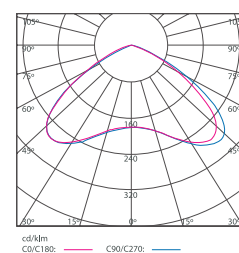
Type III



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.

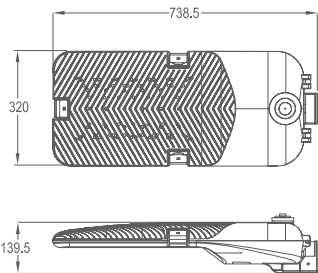
MEASUREMENT & ORDER CODE

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

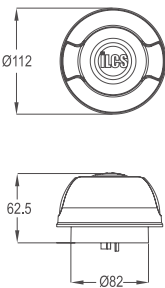
* Please indicate LED color temperature when ordering.
 * Programmable dimming LED driver is available upon request.
 * All result tested base on 5000K CCT LEDs.



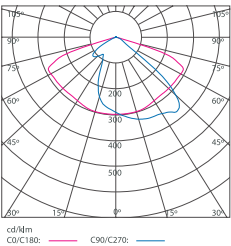
DIMENSION



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

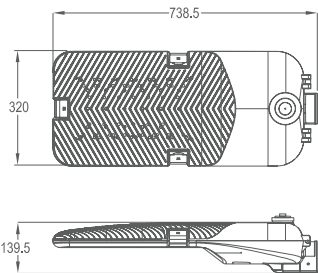
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	K09220 150W	216	21722	158.6	800 x 380 x 200	11.0 kg
180W	K09220 180W	216	24259	187.3	800 x 380 x 200	11.0 kg

* Please indicate LED color temperature and optic when ordering.

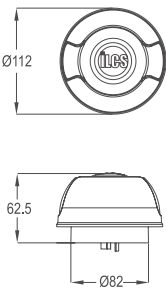
* All result tested base on 5000K CCT LEDs.



DIMENSION

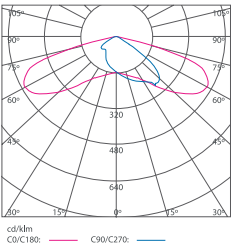


Light Control Unit

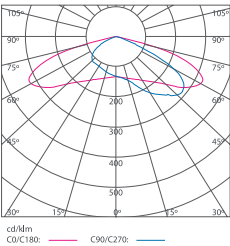


PHOTOMETRIC

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

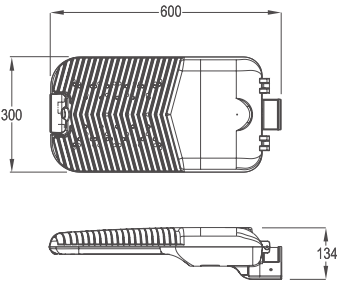
* Please indicate LED color temperature and optic when ordering.

* Programmable dimming LED driver is available upon request.

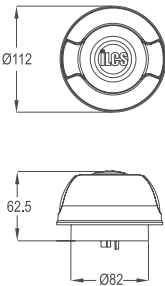
* All result tested base on 5000K CCT LEDs.



DIMENSION

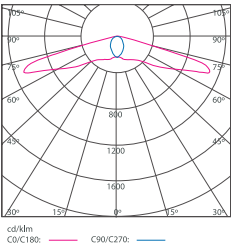


Light Control Unit

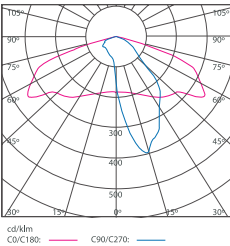


PHOTOMETRIC

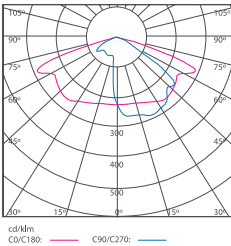
Type I



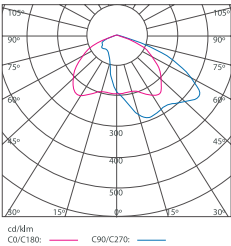
Type II



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

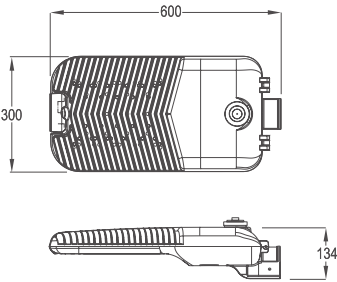
MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	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

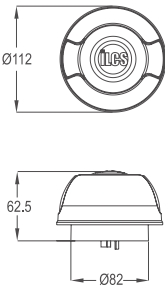
* Please indicate LED color temperature when ordering.
 * Programmable dimming LED driver is available upon request.
 * All result tested base on 5000K CCT LEDs.



DIMENSION

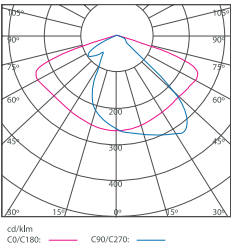


Light Control Unit



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

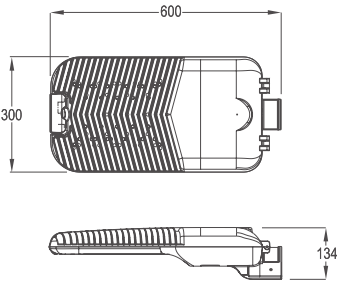
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
90W	K09121 90W	K09121 90W	10041	86.9	660 x 360 x 210	7.0 kg
100W	K09121 100W	K09121 100W	14021	107.5	660 x 360 x 210	7.0 kg
120W	K09121 120W	K09121 120W	14193	120.5	660 x 360 x 210	7.0 kg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

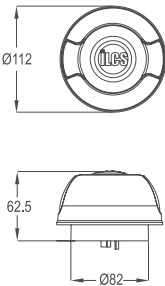
* All result tested base on 3000K CCT LEDs.



DIMENSION

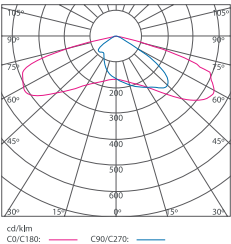


Light Control Unit

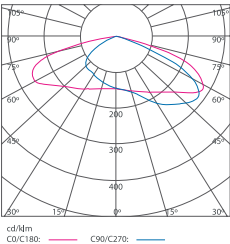


PHOTOMETRIC

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

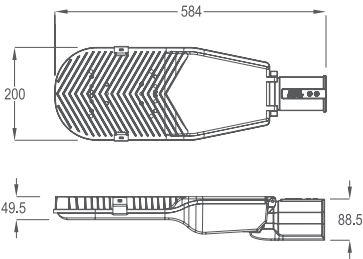
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
30W	K09360 30W	14	4150	34	600 x 245 x 158	4.0 kg
40W	K09360 40W	18	5660	42	600 x 245 x 158	4.0 kg
60W	K09360 60W	28	8200	66	600 x 245 x 158	4.2 kg

* Please indicate LED color temperature when ordering.

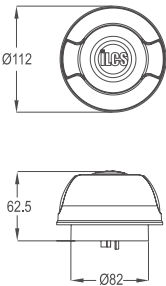
* All result tested base on 5000K CCT LEDs.



DIMENSION

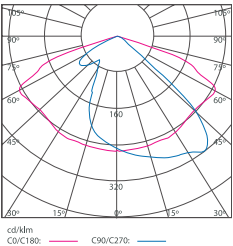


Light Control Unit



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

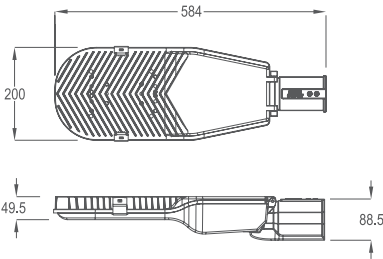
MEASUREMENT & ORDER CODE

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

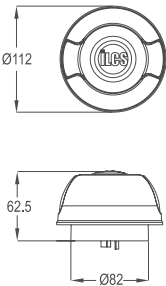
* Please indicate LED color temperature and optic when ordering.
* All result tested base on 5000K CCT LEDs.



DIMENSION

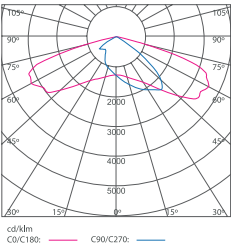


Light Control Unit

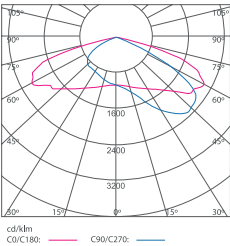


PHOTOMETRIC

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

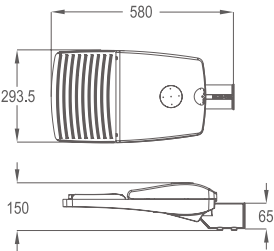
WATTAGE	ORDER CODE	NO. OF LEDS	LUMEN	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
60W	SIGMA-M 60W	32	8400	495 x 315 x 205	6.86 kg
90W	SIGMA-M 90W	48	12600	495 x 315 x 205	7.05 kg
100W	SIGMA-M 100W	72	14000	495 x 315 x 205	7.22 kg
120W	SIGMA-M 120W	72	17460	495 x 315 x 205	7.22 kg
150W	SIGMA-M 150W	72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

* All result tested base on 4000K CCT LEDs.

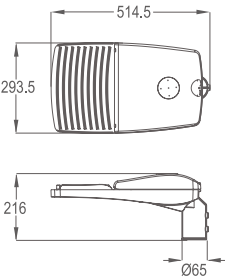


DIMENSION

SIGMA-M-Side Entry

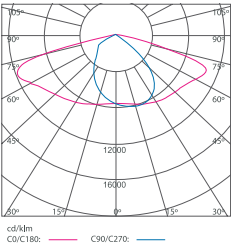


SIGMA-M-Post Top

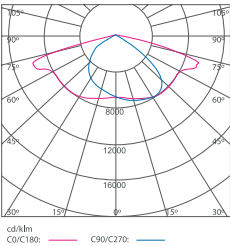


PHOTOMETRIC

Type II



Type III





SIGMA-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

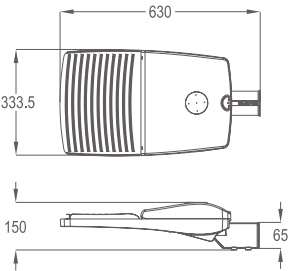
WATTAGE	ORDER CODE	NO. OF LEDS	LUMEN	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
180W	SIGMA-L 180W	96	25710	545 X 350 X 205	8.00 kg
200W	SIGMA-L 200W	96	29650	545 X 350 X 205	8.00 kg

* All result tested base on 4000K CCT LEDs.

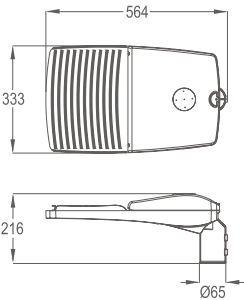


DIMENSION

SIGMA-L-Side Entry

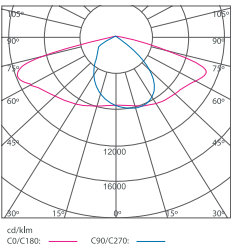


SIGMA-L-Post Top

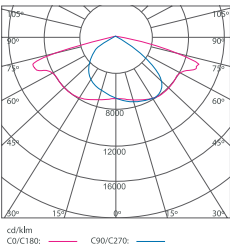


PHOTOMETRIC

Type II



Type III



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

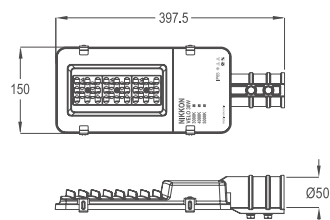
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
30W	VELO 30W	36	4000	34	410 x 170 x 115	1.7 kg
60W	VELO 60W	72	7600	62	465 x 200 x 100	2.5 kg
100W	VELO 100W	144	13000	101	545 x 270 x 105	4.2 kg
120W	VELO 120W	144	15200	120	545 x 270 x 105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

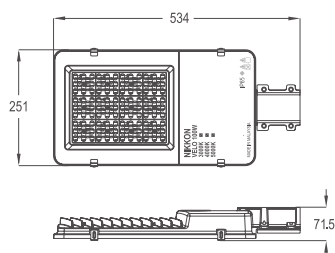


DIMENSION

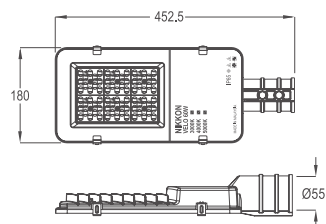
VELO 30W



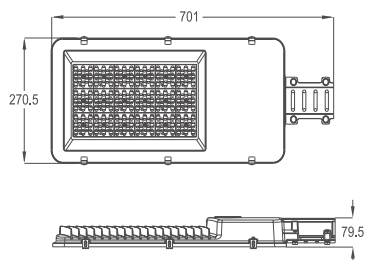
VELO 100W / 120W



VELO 60W

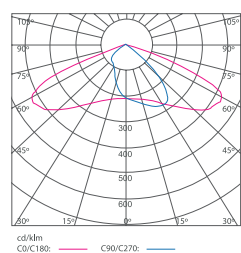


VELO 150W / 180W



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 and Residential Areas.

MEASUREMENT & ORDER CODE

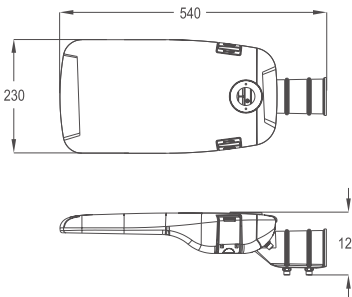
WATTAGE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
MURA - S					
30W	18	4500	32W	585 x 285 x 180	4.70 kg
40W	18	5400	40W	585 x 285 x 180	4.70 kg
50W	18	6800	52W	585 x 285 x 180	4.70 kg
MURA - M					
60W	24	8700	63W	685 x 345 x 180	6.50 kg
80W	32	11600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

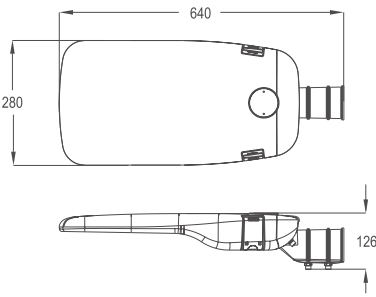


DIMENSION

MURA - S

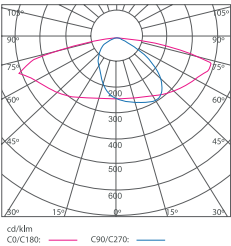


MURA - M

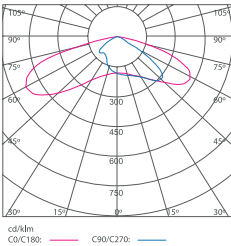


PHOTOMETRIC

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 and Residential Areas.

MEASUREMENT & ORDER CODE

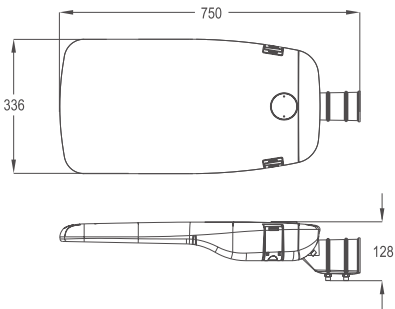
WATTAGE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
MURA - L					
120W	48	17000	120W	795 x 390 x 180	9.30 kg
150W	56	21500	152W	795 x 390 x 180	9.50 kg
180W	64	25400	181W	795 x 390 x 180	9.70 kg
MURA - XL					
200W	100	28900	200W	935 x 445 x 215	12.30 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.

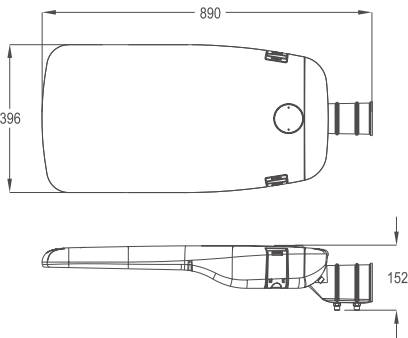


DIMENSION

MURA - L

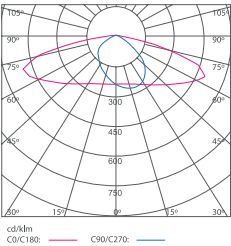


MURA - XL

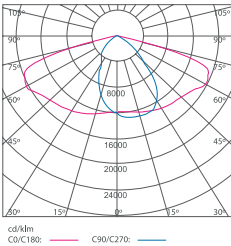


PHOTOMETRIC

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

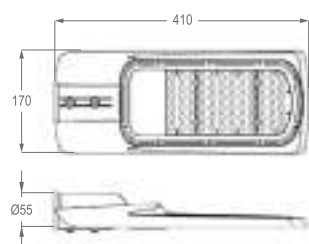
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	QTY / CARTON	NETT WEIGHT
60W	NIKKON ALPHA 60W	6300 lm	420 x 70 x 180	1pc / ctn	1.5 kg
100W	NIKKON ALPHA 100W	10500 lm	530 x 82 x 240	1pc / ctn	2.3 kg
120W	NIKKON ALPHA 120W	12600 lm	530 x 82 x 240	1pc / ctn	2.3 kg
150W	NIKKON ALPHA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

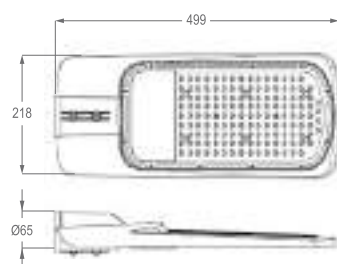


DIMENSION

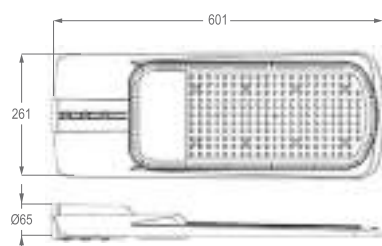
ALPHA 60W



ALPHA 100W / 120W

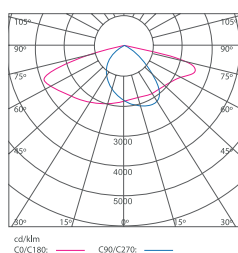


ALPHA 150W / 180W

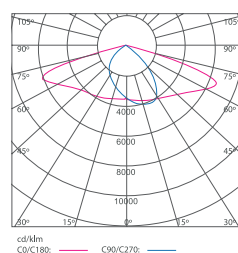


PHOTOMETRIC

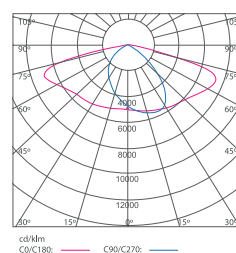
ALPHA 60W



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

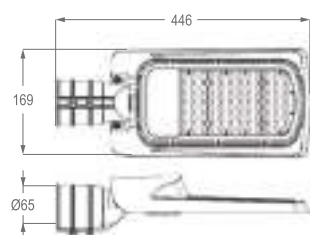
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	QTY / CARTON	NETT WEIGHT
30W	NIKKON ALPHA PRO 30W	4590 lm	460 x 180 x 120	1pc / ctn	1.9 kg
50W	NIKKON ALPHA PRO 50W	7100 lm	460 x 180 x 120	1pc / ctn	1.9 kg
100W	NIKKON ALPHA PRO 100W	14800 lm	540 x 220 x 120	1pc / ctn	2.9 kg
120W	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

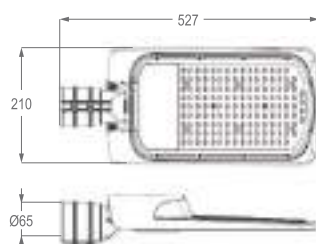


DIMENSION

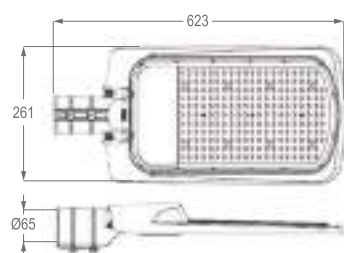
ALPHA PRO 30W / 50W



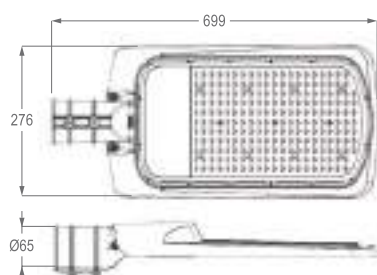
ALPHA PRO 100W / 120W



ALPHA PRO 150W

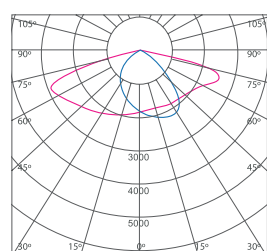


ALPHA PRO 180W / 200W

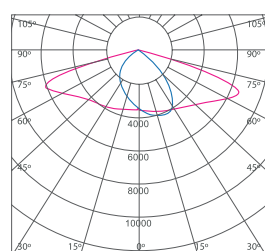


PHOTOMETRIC

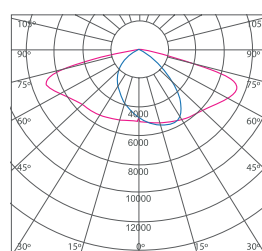
ALPHA PRO 30W / 50W



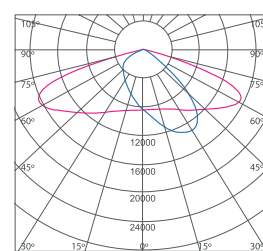
ALPHA PRO 100W / 120W



ALPHA PRO 150W



ALPHA PRO 180W / 200W



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

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%	

FEATURES

- Stable Photo-electric Conversion Efficiency
- Advanced Diffuse Technology
- More Safety, Long Lifespan, more than 2000 Cycles (Battery)
- Micro Current Charging Function
- Adjusted 360° Angle Rotation
- Convenient Maintenance
- Membrane For Pressure Stabilize
- Adjustable Angle of Solar Panel
- Operate By On / Off Switch



APPLICATION

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

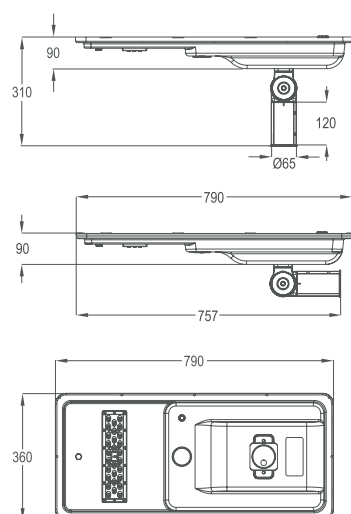
MEASUREMENT & ORDER CODE

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

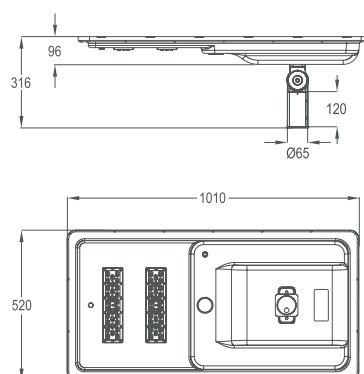


DIMENSION

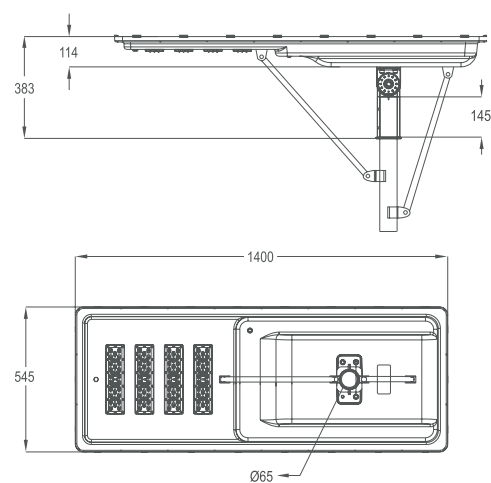
RA36530



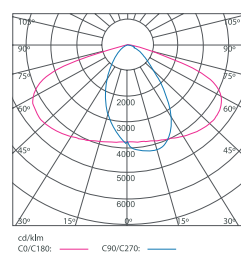
RA36560 / RA36580



RA365120



PHOTOMETRIC



RA365 GEN 3 INTEGRATED SOLAR



SYSTEM SPECIFICATIONS

- **Solar Panel Type** Mono Crystalline
- **Solar Panel Capacity** 1 x 36V 145W
1 x 39V 250W
- **Backup Time** 2 Days (Pre Set Time Profile)
- **Charge Controller** MPPT Charging
Overheat Protection
Output Short Circuit Protection
- **Battery** Lithium-Iron Phosphate 25.6V 48Ah
Lithium-Iron Phosphate 25.6V 64Ah
Lithium-Iron Phosphate 25.6V 100Ah

LUMINAIRE SPECIFICATIONS

- **Power** 60W
80W
120W
- **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

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

FEATURES

- Stable Photo-electric Conversion Efficiency
- Advanced Diffuse Technology
- More Safety, Long Lifespan, more than 2000 Cycles (Battery)
- Micro Current Charging Function
- Convenient Maintenance
- Membrane For Pressure Stabilize
- Adjustable Angle of Solar Panel
- Operate By On / Off Switch



APPLICATION

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

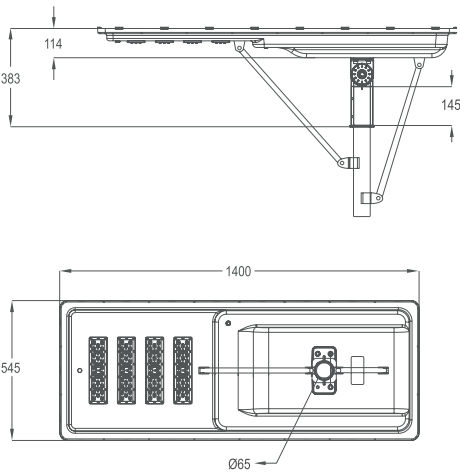
MEASUREMENT & ORDER CODE

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 48Ah	4	37.1 kg	41.5 kg
80W	RA36580	15200	190 lm/w	1 X 36V 145W	25.6V 64Ah	4	40.9 kg	44.5 kg
120W	RA365120	22800	190 lm/w	1 X 39V 250W	25.6V 100Ah	4	55.5 kg	62.5 kg

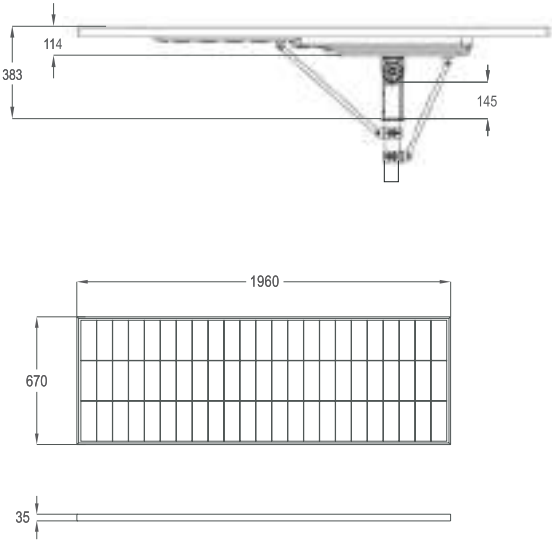


DIMENSION

RA36560 / RA36580

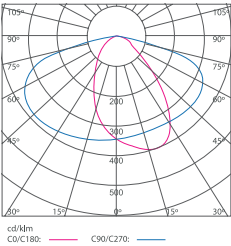


RA365120

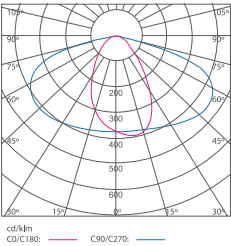


PHOTOMETRIC

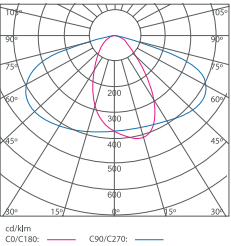
60W



80W



120W



ECO MINI INTEGRATED SOLAR



LUMINAIRE SPECIFICATIONS

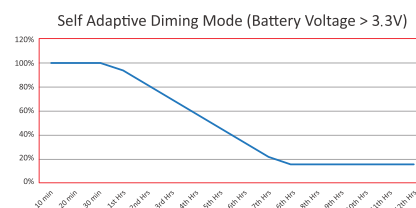
- **Power** 6W (100W)
12W (200W)
18W (300W)
- **Lumen** 1000lm
2000lm
3000lm
- **Fitting Material** Die Cast Aluminium
- **Fitting Color** RAL9006
- **Ingress Protection** IP66
- **Impact Protection** IK08
- **Voltage** 3.2V
- **Operating Temperature** -10 ~ +50°C
- **Beam Angle** Type II
- **Sensor** 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

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**



FEATURES

- Stable Photo-electric Conversion Efficiency
- Advanced Diffuse Technology
- More Safety, Long Lifespan, more than 2000 Cycles (Battery)
- Micro Current Charging Function
- Convenient Maintenance
- Operate By On / Off Switch & Charge / Discharge LED Indicator



APPLICATION

- Residential Areas, Parking Lots, Garden, Walkways

MEASUREMENT & ORDER CODE

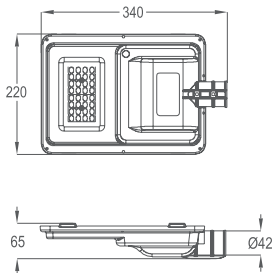
WATTAGE	ORDER CODE	LUMEN	SOLAR PANEL CAPACITY	NETT WEIGHT	LITHIUM-ION	INNER CARTON DIMENSION (L x W x H) mm	OUTER CARTON DIMENSION (L x W x H) mm	QUANTITY / OUTER CARTON
6W (100W)	MINI06	1000lm	6V 10W	1.5 kg	3.2V 9.6Ah	345 x 225 x 75	400 x 365 x 250	5
12W (200W)	MINI12	2000lm	6V 15W	2.4 kg	3.2V 17Ah	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.

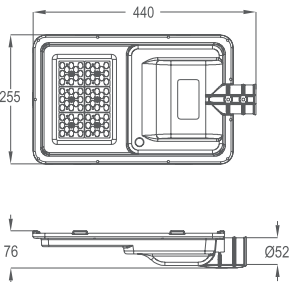


DIMENSION

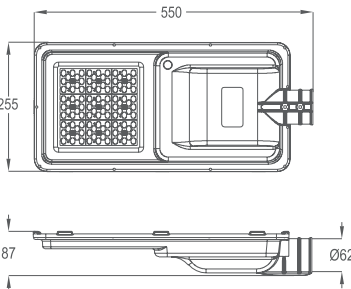
ECO MINI 6W (100W)



ECO MINI 12W (200W)

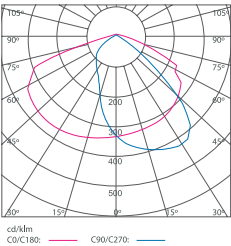


ECO MINI 18W (300W)

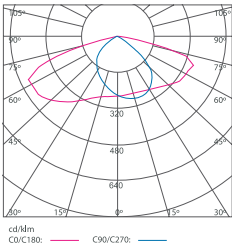


PHOTOMETRIC

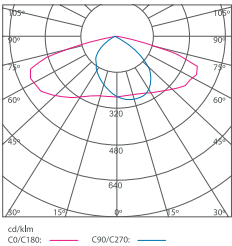
ECO MINI 6W (100W)



ECO MINI 12W (200W)



ECO MINI 18W (300W)



NIKKON®

LED BAY LIGHTING

Bay lightings are used to create safety of the workers and prevent unwanted injuries. It reduces machine accidents, spills or trips such as cords running across the floor highlights moving machinery and other safety hazards.



NIKKON®



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

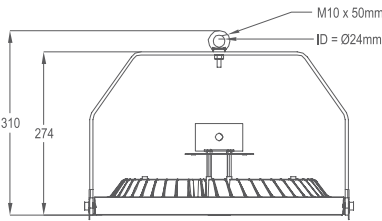
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	K14104 150W	72	19700	165	490 x 490 x 195	8.3 kg
190W	K14104 190W	92	25300	205	490 x 490 x 195	8.3 kg

* Please indicate LED color temperature and optic when ordering.

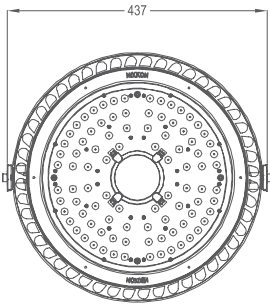
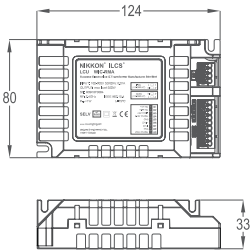
* All result tested base on 5000K CCT LEDs.



DIMENSION

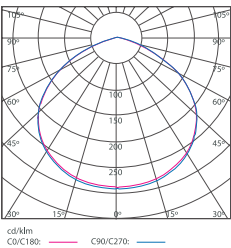


Light Control Unit

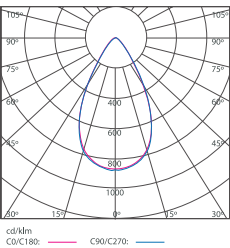


PHOTOMETRIC

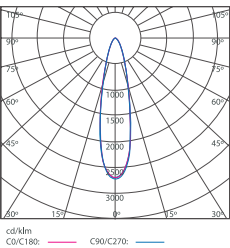
100° Wide Beam Angle (WB)



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, Retails, Hallways, Storage Rooms & Halls

MEASUREMENT & ORDER CODE

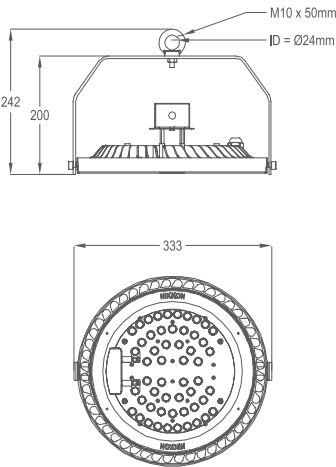
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
80W	K14102 80W	38	10800	84	365 x 365 x 155	4.6 kg
100W	K14102 100W	46	13060	104	365 x 365 x 155	4.6 kg
120W	K14102 120W	54	15000	123	365 x 365 x 155	4.6 kg

* Please indicate LED color temperature and optic when ordering.

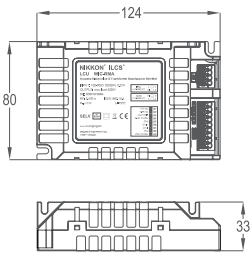
* All result tested base on 5000K CCT LEDs.



DIMENSION

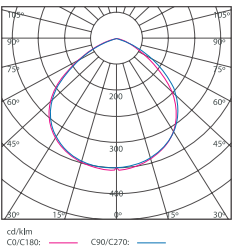


Light Control Unit

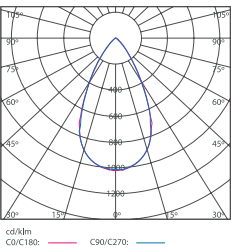


PHOTOMETRIC

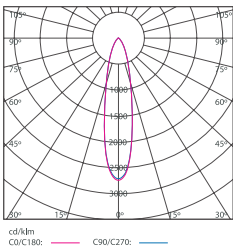
100° Wide Beam Angle (WB)



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, Retails, Hallways, Storage Rooms & Halls

MEASUREMENT & ORDER CODE

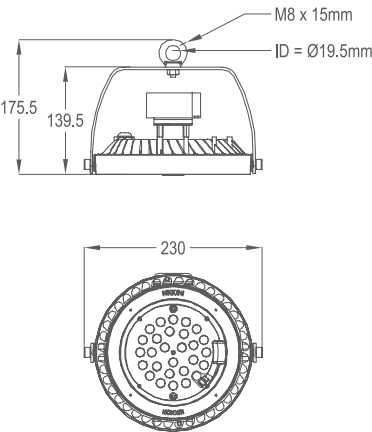
WATTAGE	ORDER CODE	NO. OF LEDS	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
40W	K14103 40W	19	4900	45	275 x 275 x 145	2.0 kg
50W	K14103 50W	24	6120	56	275 x 275 x 145	2.0 kg

* Please indicate LED color temperature and optic when ordering.

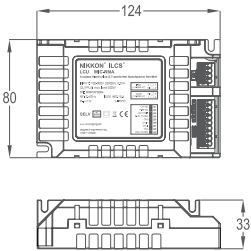
* All result tested base on 5000K CCT LEDs.



DIMENSION

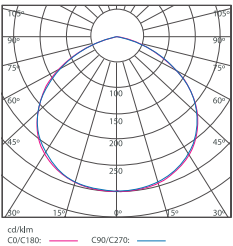


Light Control Unit

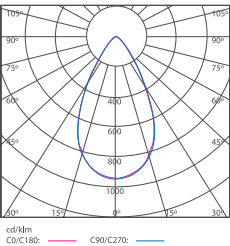


PHOTOMETRIC

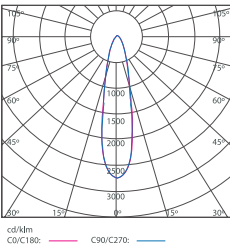
100° Wide Beam Angle (WB)



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

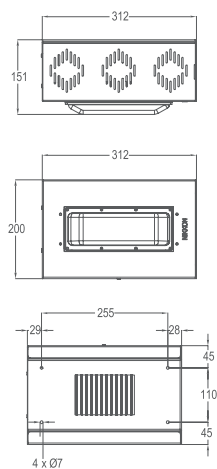
* Please indicate LED color temperature when ordering.

* Programmable dimming LED driver is available upon request.

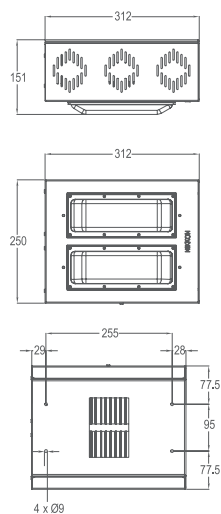


DIMENSION

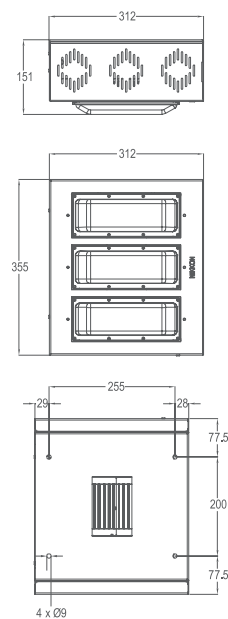
LEDXION K03107 40W



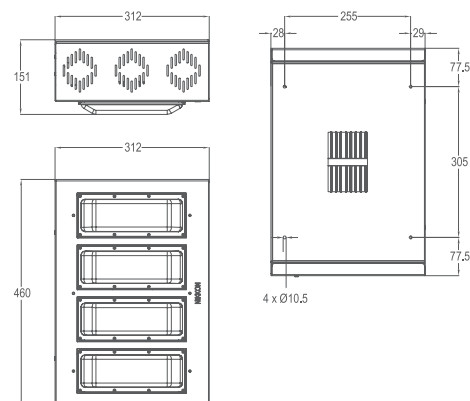
LEDXION K03107 80W



LEDXION K03107 120W

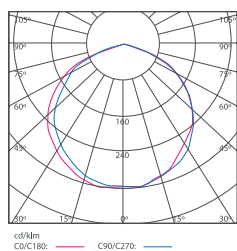


LEDXION K03107 160W

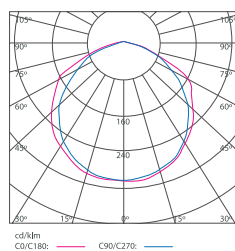


PHOTOMETRIC

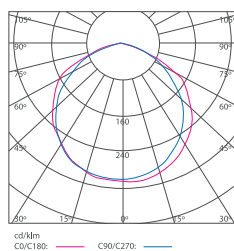
LEDXION K03107 40W



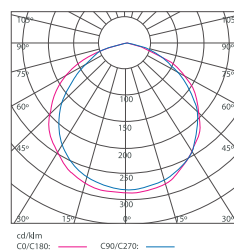
LEDXION K03107 80W



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

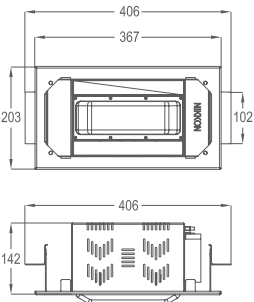
* Please indicate LED color temperature when ordering.

* Programmable dimming LED driver is available upon request.

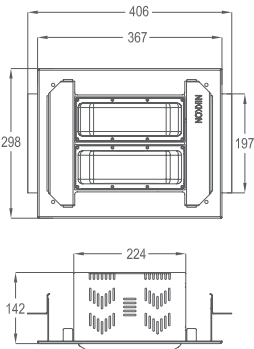


DIMENSION

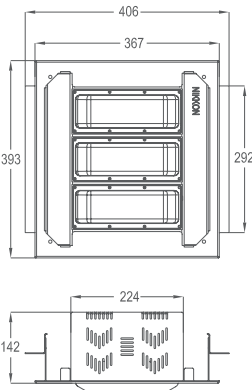
LEDXION K03108 40W



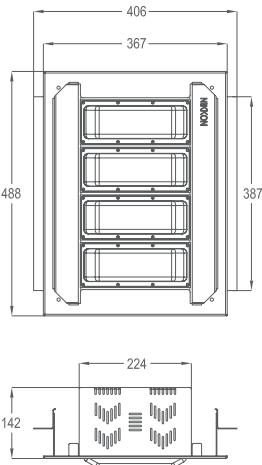
LEDXION K03108 80W



LEDXION K03108 120W

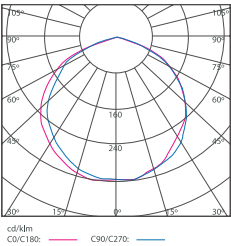


LEDXION K03108 160W

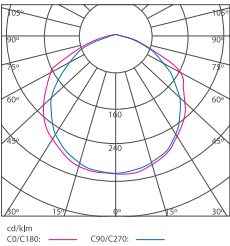


PHOTOMETRIC

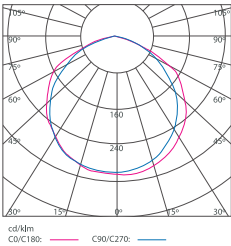
LEDXION K03108 40W



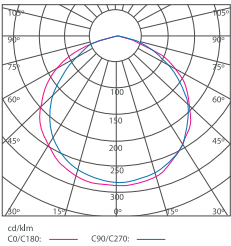
LEDXION K03108 80W



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

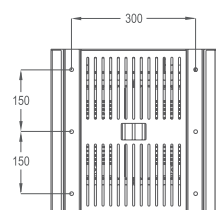
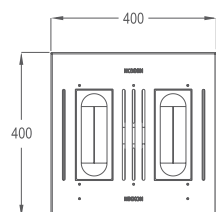
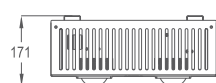
* Please indicate LED color temperature when ordering.

* All result tested base on 5000K CCT LEDs.

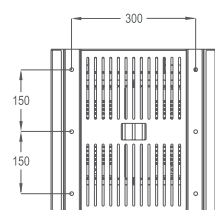
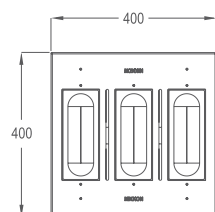
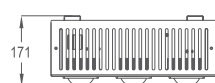


DIMENSION

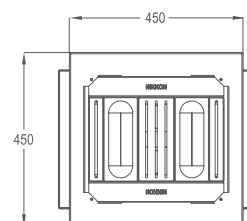
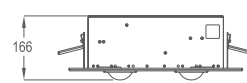
CUBO SURFACE
80W / 100W



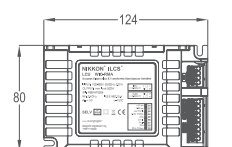
CUBO SURFACE
120W / 150W



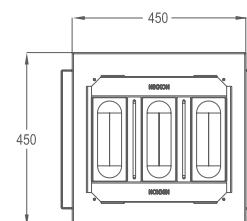
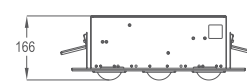
CUBO RECESSED
80W / 100W



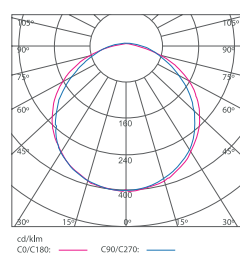
Light Control Unit



CUBO RECESSED
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, Retailers, 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

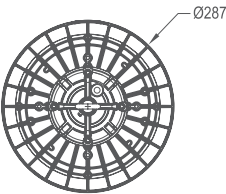
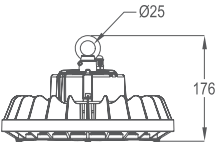
* Please indicate beam angle when ordering.

* All result tested base on 5700K CCT LEDs.

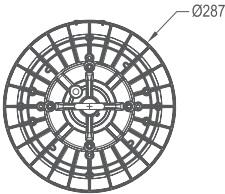
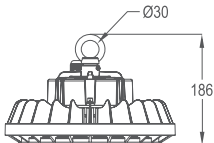


DIMENSION

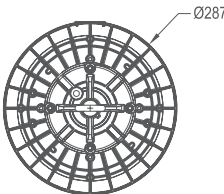
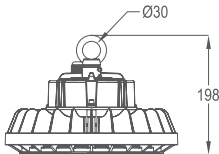
UF1 100W



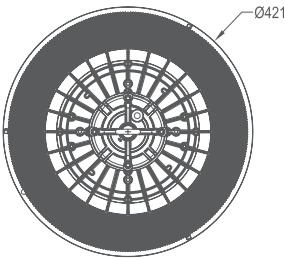
UF1 150W



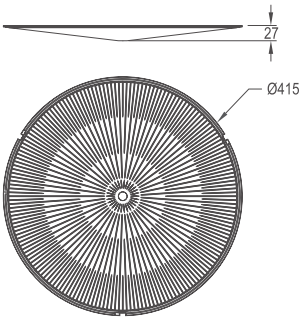
UF1 200W



PC Reflector

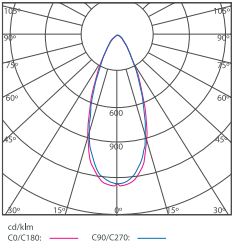


PC Visor

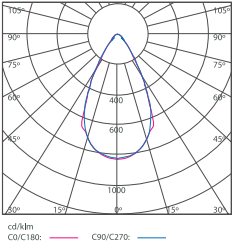


PHOTOMETRIC

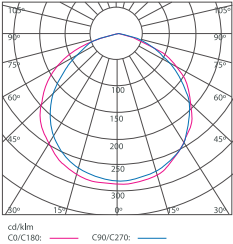
60D



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%

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.

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.

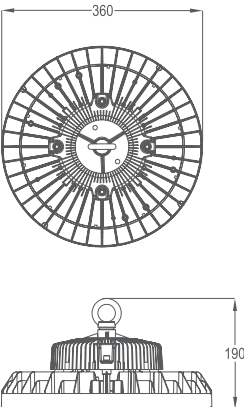
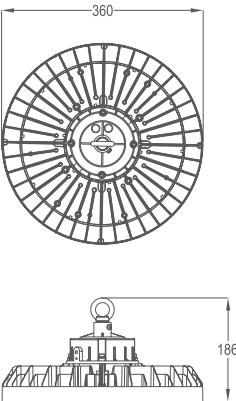
* All result tested base on 5700K CCT LEDs.



DIMENSION

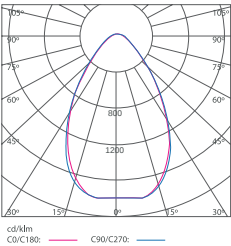
100W / 150W / 200W / 240W

300W

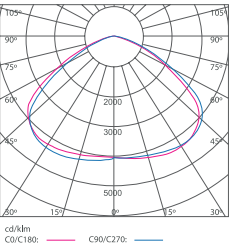


PHOTOMETRIC

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
• 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

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.

OPTIONAL FEATURES (UPON REQUEST)

• Reflector	PC Reflector with Visor (11 inches)
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MEASUREMENT & ORDER CODE

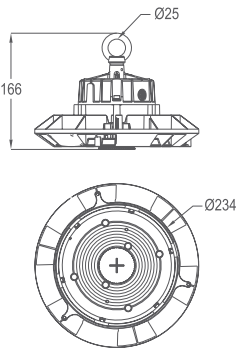
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	QTY / CARTON	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT (PER UNIT)
100W	UF5 100W	14500 lm	100W	1 pc / ctn	245 x 245 x 165	1.5 kg
150W	UF5 150W	22500 lm	150W	1 pc / ctn	260 x 260 x 175	1.7 kg
200W	UF5 200W	30000 lm	200W	1 pc / ctn	290 x 290 x 180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

* All result tested base on 5700K CCT LEDs.

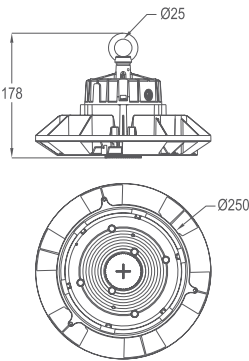


DIMENSION

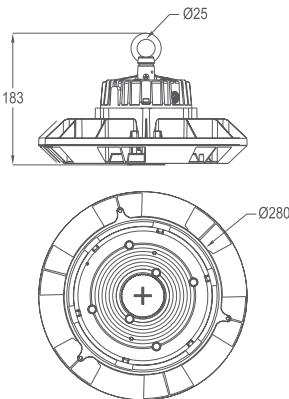
UF5 100W



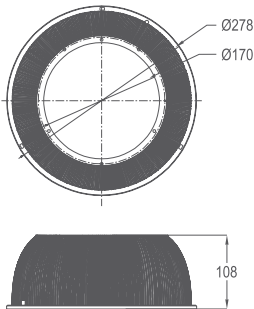
UF5 150W



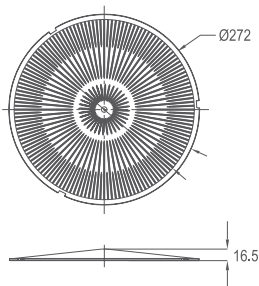
UF5 200W



PC Reflector

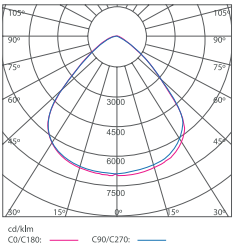


PC Visor

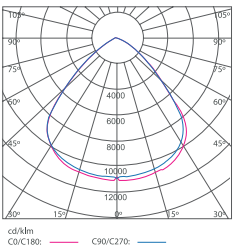


PHOTOMETRIC

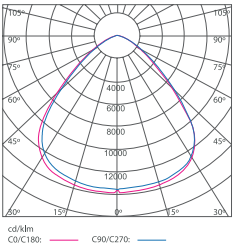
UF5 100W



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



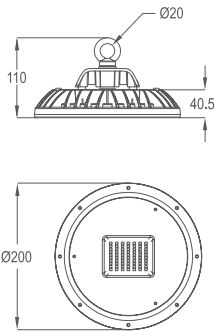
MEASUREMENT & ORDER CODE

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

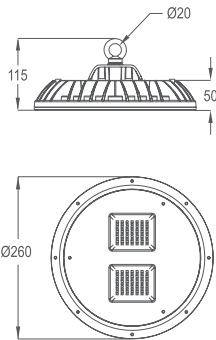


DIMENSION

HELÓ 150W

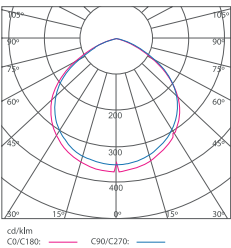


HELÓ 200W

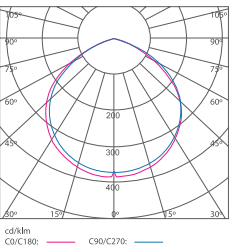


PHOTOMETRIC

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



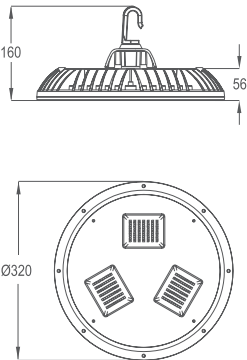
MEASUREMENT & ORDER CODE

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

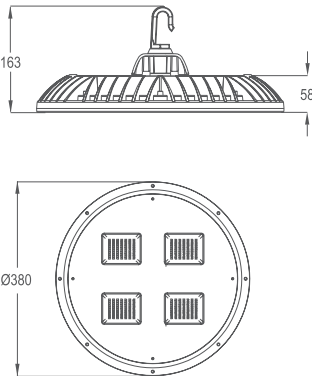


DIMENSION

HELÓ 150W

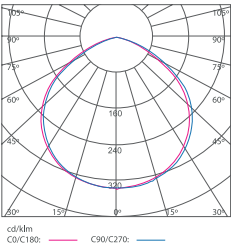


HELÓ 200W

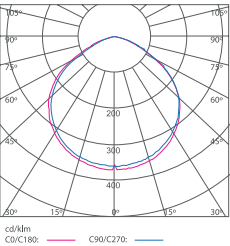


PHOTOMETRIC

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

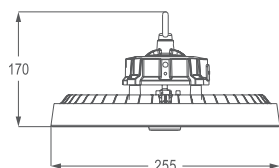
WATTAGE	ORDER CODE	SELECTABLE WATTAGE	TYPICAL LUMINOUS FLUX	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
150W	HELÓ PLUS (S) 150W	100W / 120W / 150W	14000 / 17800 / 21000	265 x 265 x 165	1.80 kg
200W	HELÓ PLUS (M) 200W	150W / 180W / 200W	21400 / 24900 / 26400	310 x 310 x 165	2.20 kg
240W	HELÓ PLUS (L)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

* All result tested base on 4000K CCT LEDs.

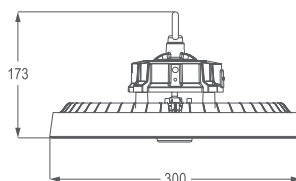


DIMENSION

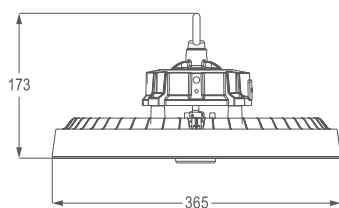
HELÓ PLUS (S) 150W



HELÓ PLUS (M) 200W

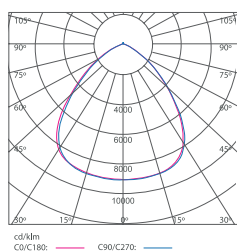


HELÓ PLUS (L) 240W

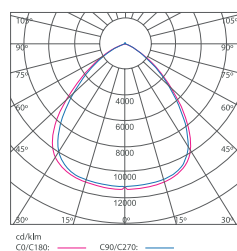


PHOTOMETRIC

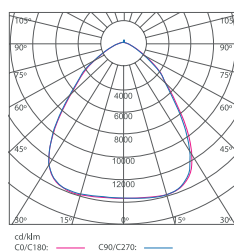
HELÓ PLUS (S) 150W



HELÓ PLUS (M) 200W



HELÓ PLUS (L) 240W



NIKKON®

LED FLOODLIGHT

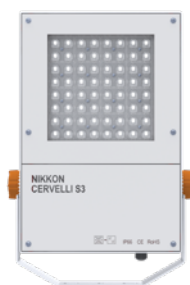
To illuminate large outdoor area or the exterior of a building during night. Suitable for facade buildings, port area, constructions and parking area.



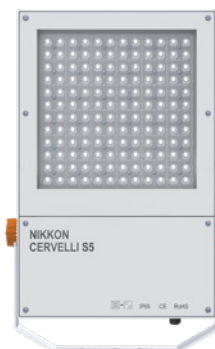
NIKON®



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

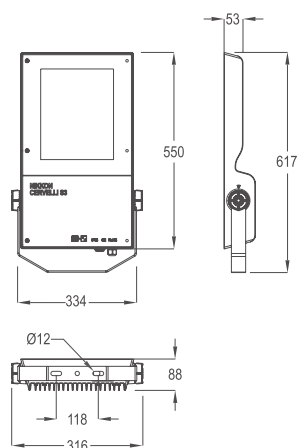
* Please indicate LED color temperature and optic when ordering.

* All result tested base on 5000K CCT LEDs.

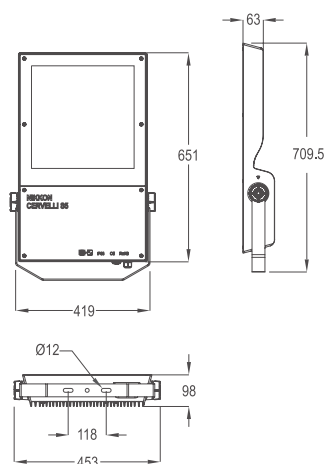


DIMENSION

CERVELLI S3

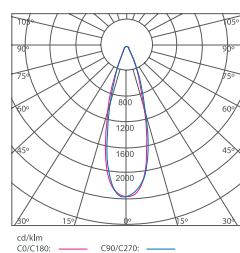


CERVELLI S5

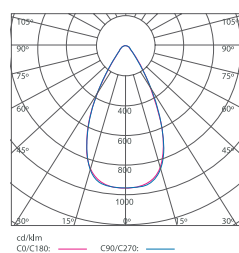


PHOTOMETRIC

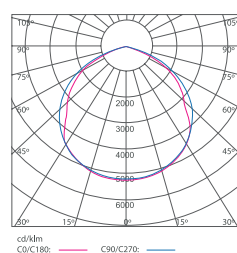
Narrow Beam



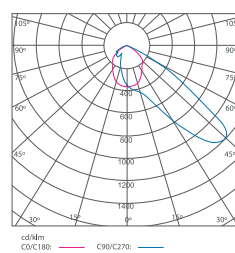
Medium Beam



Wide Beam



Asymmetrical Beam



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)

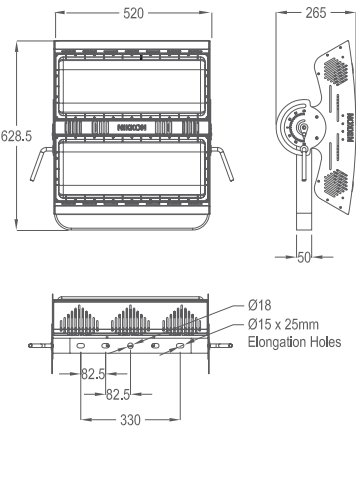
* Please indicate LED color temperature and beam angle when ordering.

* All result tested base on 5000K CCT LEDs.

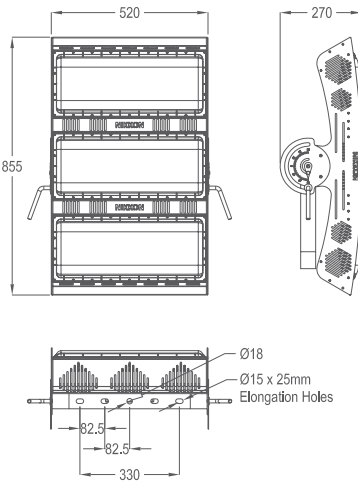


DIMENSION

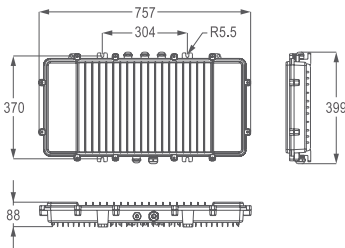
K10130 360W



K10131 540W

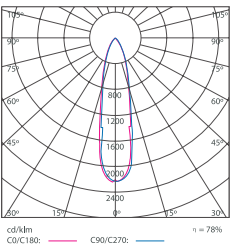


Control Gear

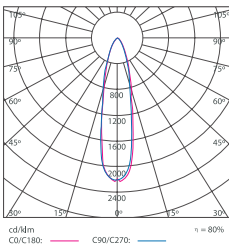


PHOTOMETRIC

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)

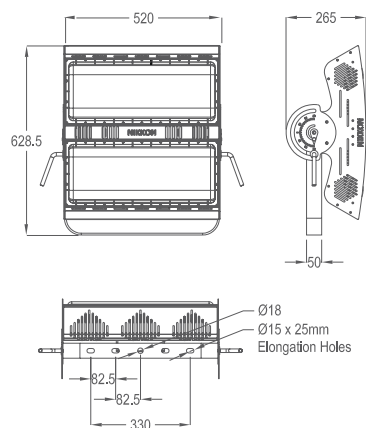
* Please indicate LED color temperature and beam angle when ordering.

* All result tested base on 5000K CCT LEDs.

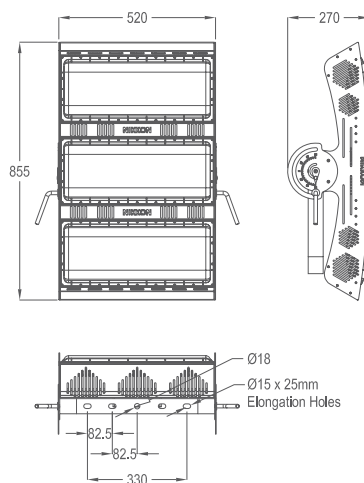


DIMENSION

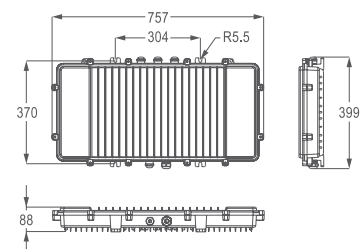
K10130 480W



K10131 720W

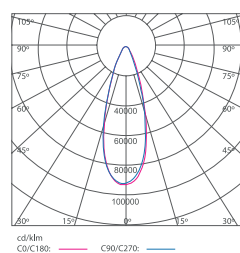


Control Gear

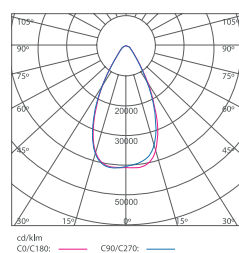


PHOTOMETRIC

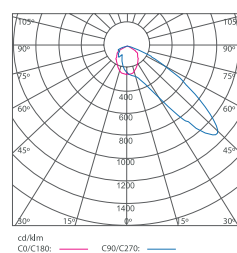
Narrow Beam



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	640 x 380 x 250 770 x 420 x 110 (control gear)	13.0 kg + 12.0 kg (RCG)
1000W	AEROS III 1000W	480	146600	640 x 730 x 340 770 x 420 x 110 (control gear)	26.0 kg + 16.5 kg (RCG)
1500W	AEROS III 1500W	720	219900	640 x 1030 x 340 770 x 420 x 110 (control gear)	40.0 kg + 21.0 kg (RCG)

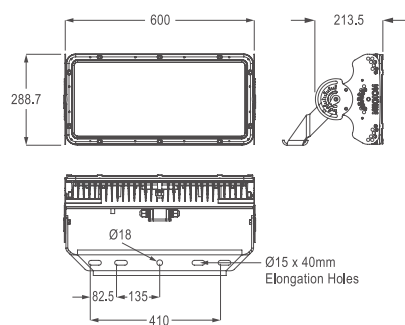
* Please indicate LED color temperature and beam angle when ordering.

* All result tested base on 5000K CCT LEDs.

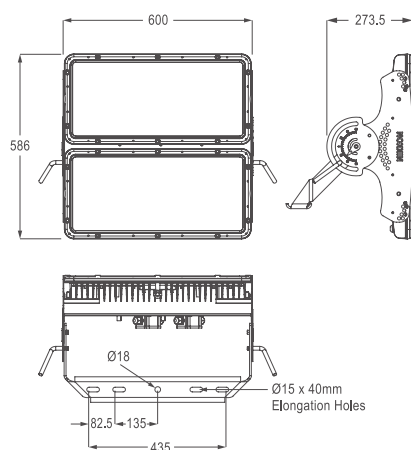


DIMENSION

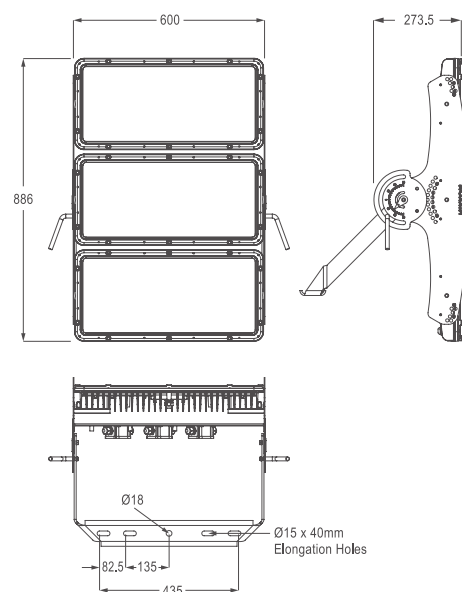
AEROS III 500W



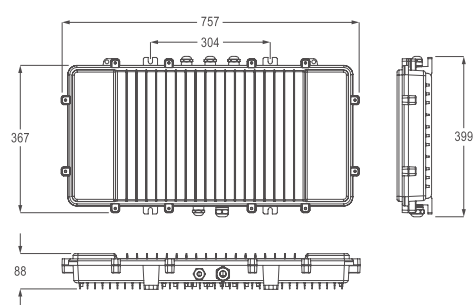
AEROS III 1000W



AEROS III 1500W

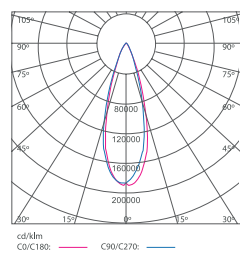


REMOTE CONTROL GEAR

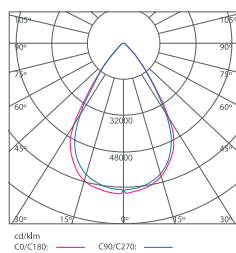


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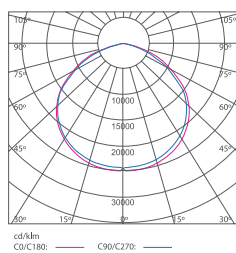
30°



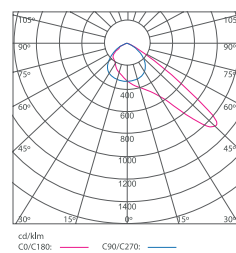
60°



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° , 60° , 90° , 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

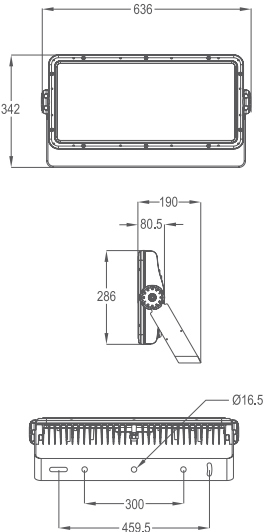
* Please indicate LED color temperature and optic when ordering.

* All result tested base on 5700K CCT LEDs.

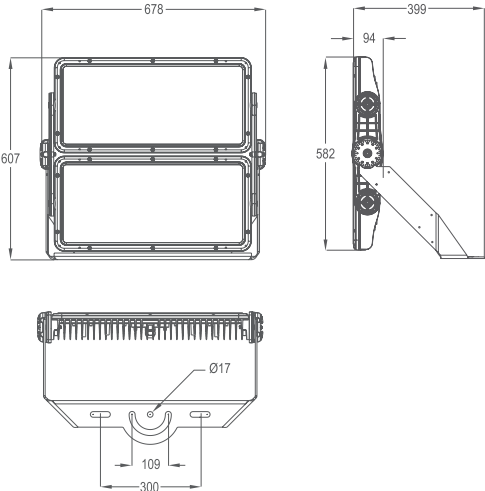


DIMENSION

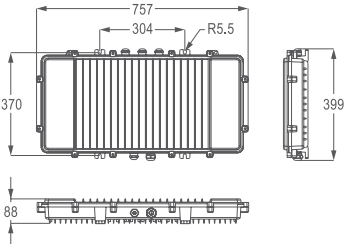
GIANT 450W



GIANT 900W

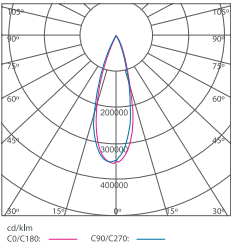


REMOTE CONTROL GEAR

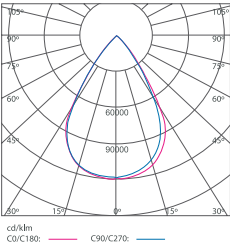


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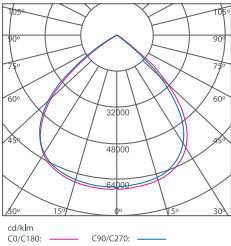
30°



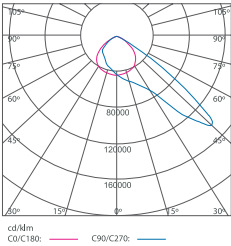
60°



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

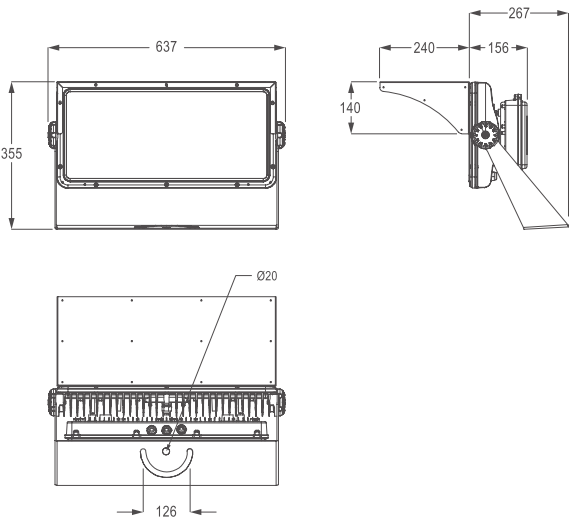
* Please indicate LED color temperature and optic when ordering.

* All result tested base on 5000K CCT LEDs.

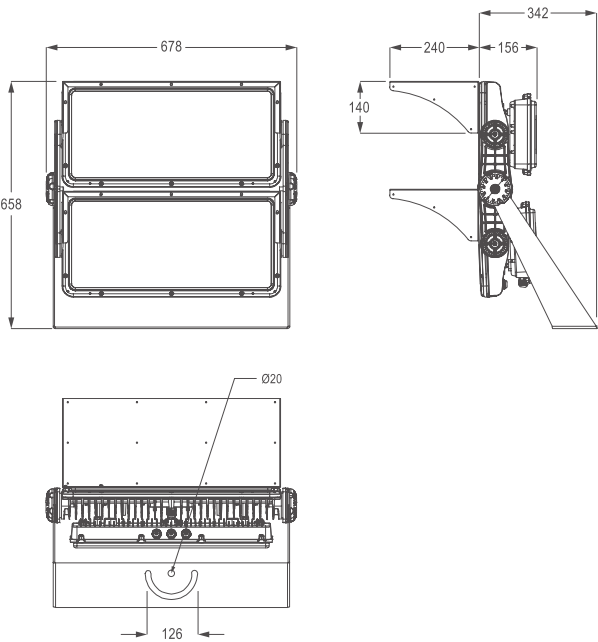


DIMENSION

GIANT II 500W

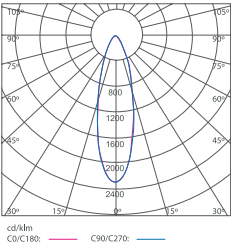


GIANT II 1000W

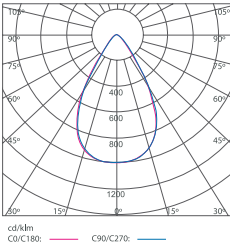


PHOTOMETRIC

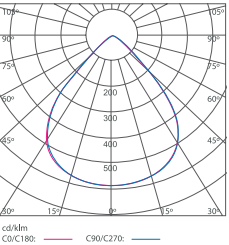
30° (1000W)



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

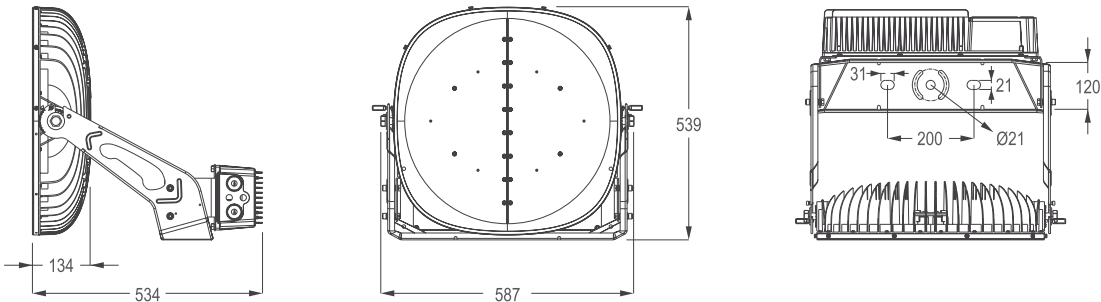
WATTAGE	TYPICAL WATTAGE	LUMEN	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
800W	800W	118300	590 x 542.6 x 528	28.5 kg
1000W	1000W	148800	590 x 542.6 x 528	28.5 kg
1200W	1200W	177500	590 x 542.6 x 528	28.5 kg

* Please indicate LED color temperature and optic when ordering.

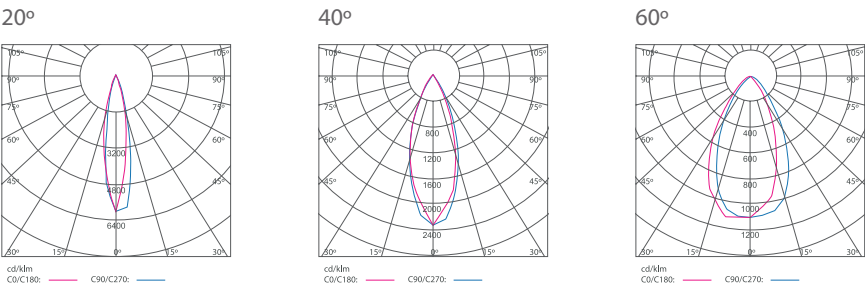
* All result tested base on 5700K CCT LEDs.



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 ($\leq$ 300W, LED Driver Built-In) 10KA, 20KV ($\geq$ 400W, External SPD)
• Pre-Wire	1500mm
• Optics	Asymmetrical

OPTIONAL FEATURES (UPON REQUEST)

• Optics	Wide Beam, Narrow Beam, Medium Beam
----------	--

LED MODULE SPECIFICATIONS

• Color Temperature	5700K Daylight
• Color Rendering Index (CRI)	$\geq$ 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.

MEASUREMENT & ORDER CODE

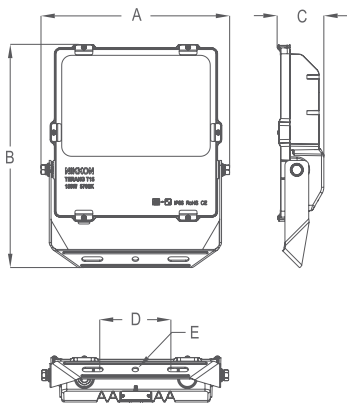
WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
50W	T5	6250	50W	350 x 275 x 115	2.10 kg
100W	T10	14000	100W	400 x 335 x 125	3.40 kg
150W	T15	21000	150W	440 x 360 x 130	4.50 kg
200W	T20	28000	200W	470 x 390 x 130	5.50 kg
250W	T25	35000	250W	530 x 450 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.



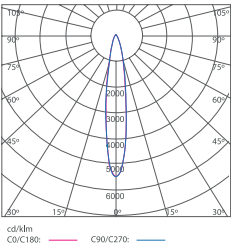
DIMENSION



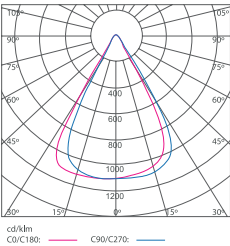
MODEL	DIMENSION (mm)				
	A	B	C	D	E
T5 50W	240	300	69	105	Ø11
T10 100W	295	335	71	143	Ø11
T15 150W	320	375	75	145	Ø11
T20 200W	345	400	78	150	Ø11
T25 250W	410	464	83	210	Ø11
T30 300W	410	464	83	210	Ø11
T40 400W	407	624	89	210	Ø13
T50 500W	407	624	89	210	Ø13

PHOTOMETRIC

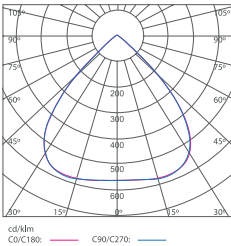
Narrow Beam



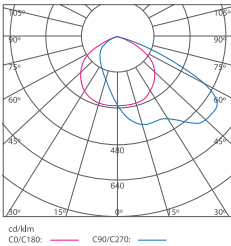
Medium Beam



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.

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

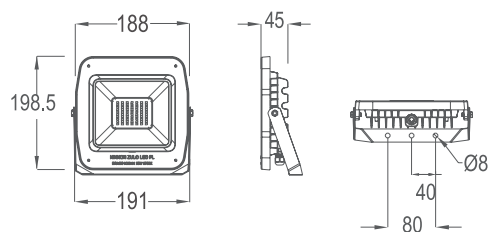


MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	TYPICAL LUMINOUS FLUX	TYPICAL WATTAGE	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
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.

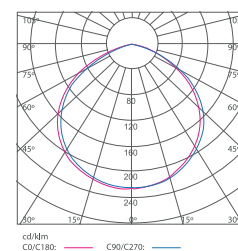
ZULO K10140 30W



Technical drawing of the LED light fixture showing three views: front, side, and top.

- Front View:** Shows a square fixture with a central LED array. Dimensions include a top width of 300, a bottom width of 309, and a height of 322. The text "BROUWER BULL-LED 10L" and "PROOF-FORMER (R&D) 2000" is visible on the fixture.
- Side View:** Shows the profile of the fixture with a mounting bracket. The mounting arm length is dimensioned as 51.5.
- Top View:** Shows the mounting base with three mounting holes. The distance between the center holes is 75, and the total width of the base is 150. A hole diameter of $\varnothing 11$ is indicated.

ZULO K10140 30W



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

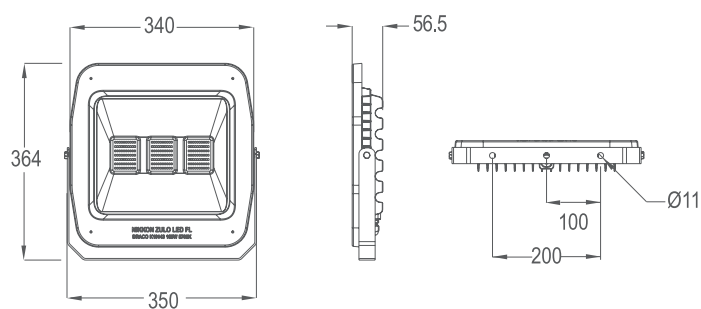
* Please indicate LED color temperature when ordering.

* All result tested base on 5700K CCT LEDs.



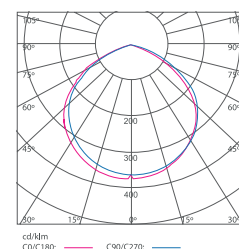
DIMENSION

ZULO K10143 150W

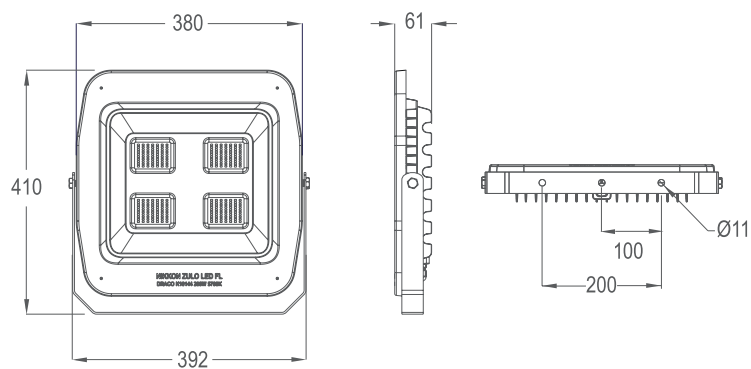


PHOTOMETRIC

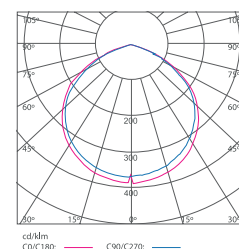
ZULO K10143 150W



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 & etc.

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

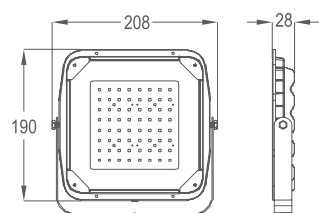
* Please indicate LED color temperature when ordering.

* All result tested base on 6500K CCT LEDs.

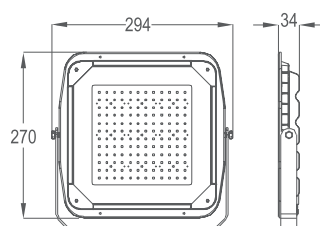


DIMENSION

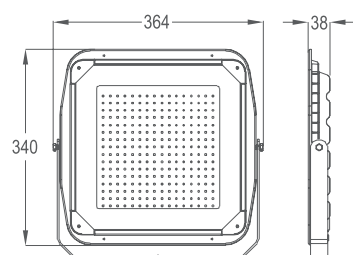
ZULO II 50W



ZULO II 100W

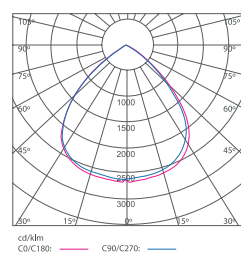


ZULO II 200W

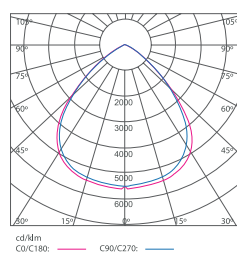


PHOTOMETRIC

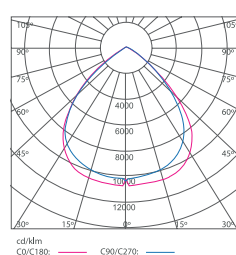
ZULO II 50W



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 & etc.

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

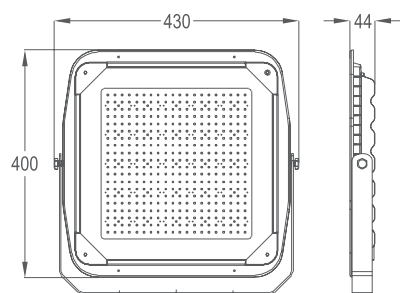
* Please indicate LED color temperature when ordering.

* All result tested base on 6500K CCT LEDs.

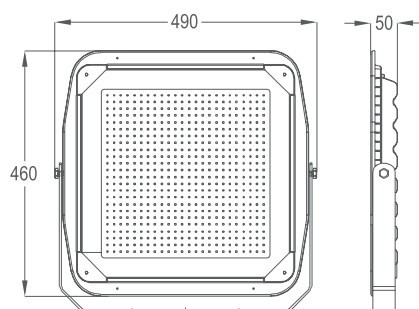


DIMENSION

ZULO II 300W

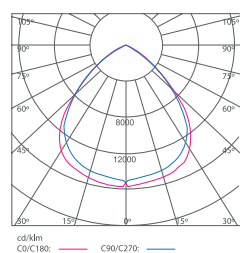


ZULO II 400W

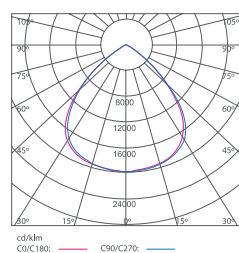


PHOTOMETRIC

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

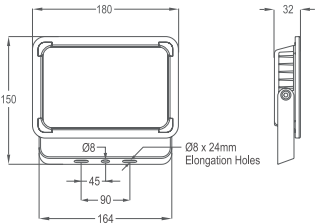
* Please indicate LED color temperature when ordering.

* All result tested base on 6500K CCT LEDs.

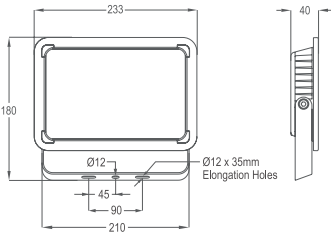


DIMENSION

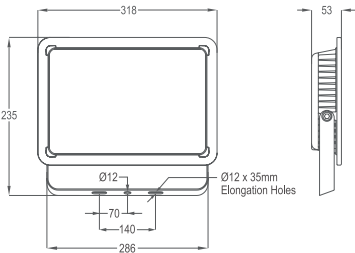
MELO-30W



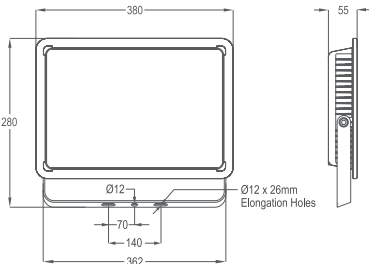
MELO-50W



MELO-100W

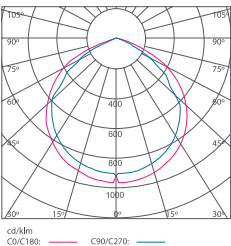


MELO-150W

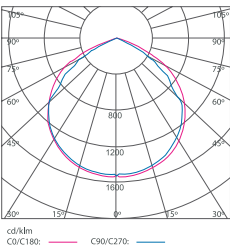


PHOTOMETRIC

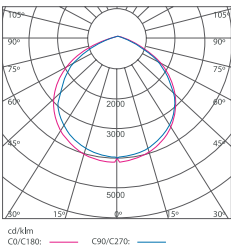
MELO-30W



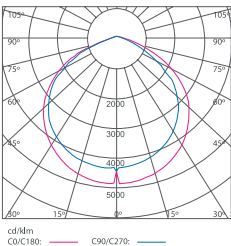
MELO-50W



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.

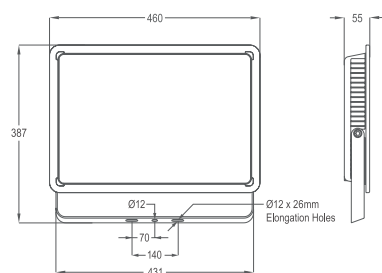
MEASUREMENT & ORDER CODE

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

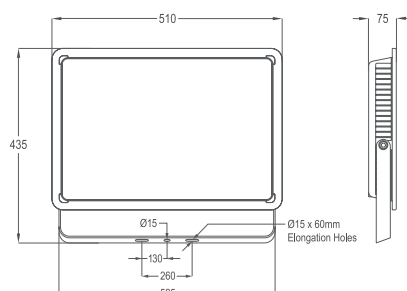
* Please indicate LED color temperature when ordering.

* All result tested base on 6500K CCT LEDs.

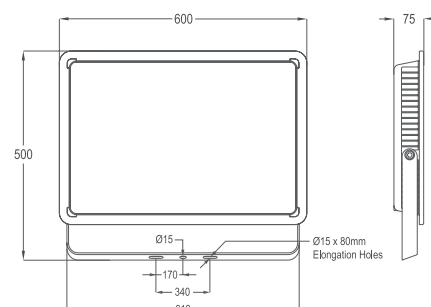
MELO-200W/250W



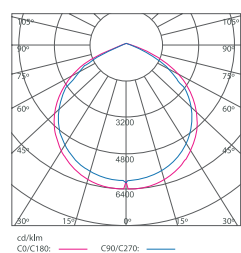
MELO-300W/350W



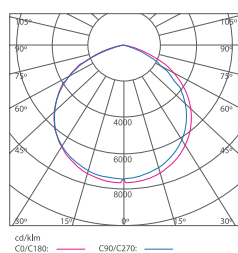
MELO-400W



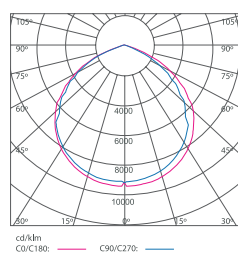
MELO-200W



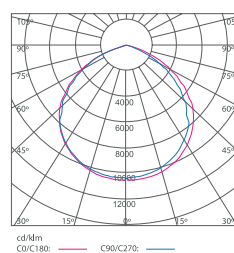
MELO-250W



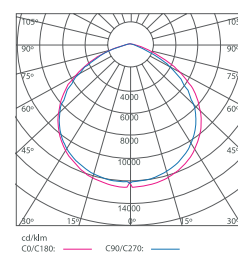
MELO-300W



MELO-350W



MELO-400W



NIKKON®

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®



VUPA - A1



LUMINAIRE SPECIFICATIONS

• Power	60W 90W 120W 150W
• Fitting Material	Non-Corrosive Cast Aluminium
• Fitting Color	Black
• 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 Post Top or Side Entry
• Surge Protections	6KV
• Pre - Wire	0.8m

FEATURES

• NEMA	7pin Ready
• Adjustable Spigot	0° - 15°

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 III (135° x 90°)
• PCB Material	Metal Core

COMPLIANCE STANDARD

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



APPLICATION

- Parking Lot, Pathway, Community, Causeway, Footpath, Access Ways, Residential Area

MEASUREMENT & ORDER CODE

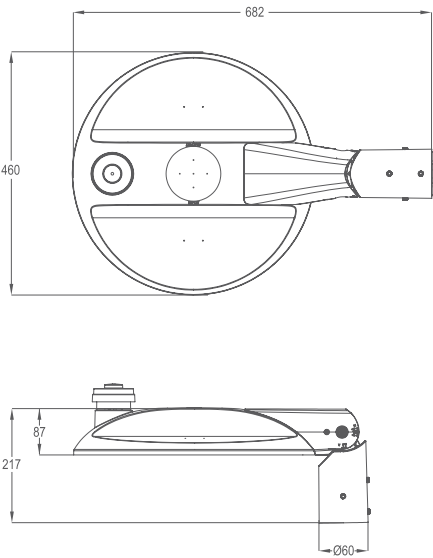
WATTAGE	LUMEN	CONSUMPTION	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
60W	8160lm	63W	585 x 530 x 175	7.5 kg
90W	12240lm	95W	585 x 530 x 175	7.5 kg
120W	16320lm	126W	585 x 530 x 175	7.5 kg
150W	19800lm	158W	585 x 530 x 175	7.5 kg

* Please indicate LED color temperature when ordering.

* All result tested base on 3000K CCT LEDs.

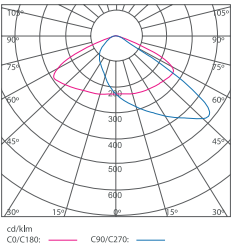


DIMENSION



PHOTOMETRIC

TYPE III



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

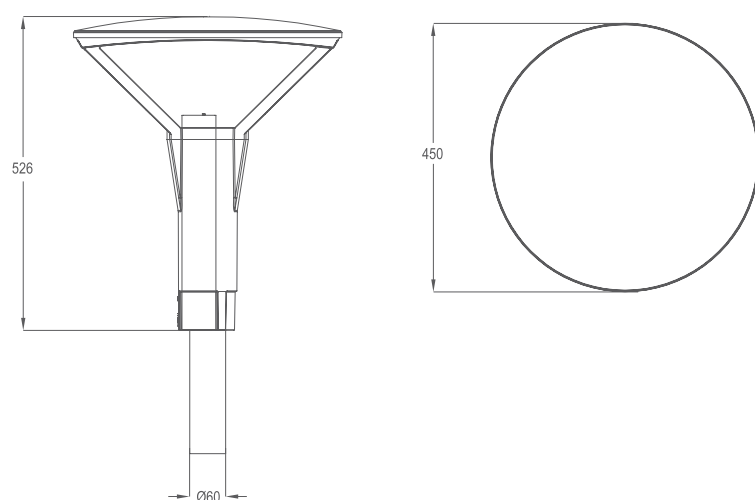
WATTAGE	LUMEN	CONSUMPTION	CARTON DIMENSION (L x W x H) mm	NETT WEIGHT
40W	4800lm	42W	530 x 530 x 245	7.5 kg
60W	7200lm	63W	530 x 530 x 245	7.5 kg
75W	9000lm	79W	530 x 530 x 245	7.5 kg

* Please indicate LED color temperature when ordering.

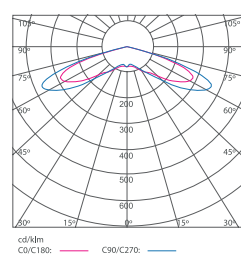
* All result tested base on 3000K CCT LEDs.



DIMENSION



PHOTOMETRIC



NIKKON®

HQ, MALAYSIA

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