



### LUMINAIRE SPECIFICATIONS

• Power	150W 170W 190W 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

### 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
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
190W	K09131 190W	90	23885	197	800 x 380 x 200	13.0 kg
210W	K09131 210W	90	25570	217	800 x 380 x 200	13.0 kg

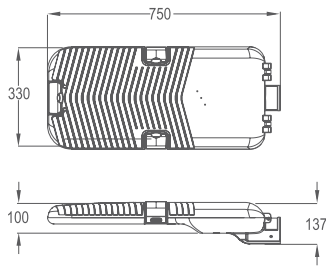
\* Please indicate LED color temperature and optic when ordering.

\* Programmable dimming LED driver is available upon request.

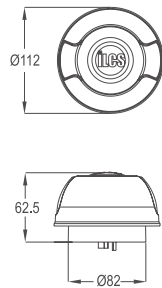
\* All result tested base on 5000K CCT LEDs.



## DIMENSION

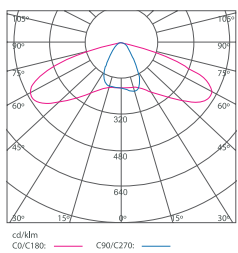


Light Control Unit

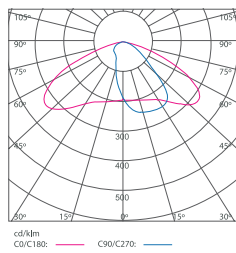


## PHOTOMETRIC

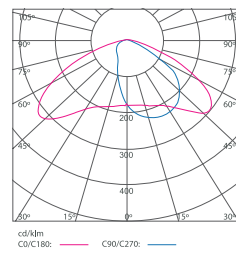
Type 1



Type 2



Type 3



Note: All specifications are subject to change without prior notice for product improvement. Images, pictures, and illustrations used are for illustrative purposes only and the color printed may differ from the actual product.