



### 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

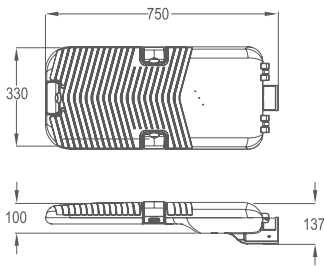
### MEASUREMENT & ORDER CODE

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

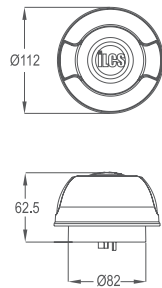
\* Please indicate LED color temperature and optic when ordering.  
\* Programmable dimming LED driver is available upon request.  
\* All result tested base on 5000K CCT LEDs.



## DIMENSION

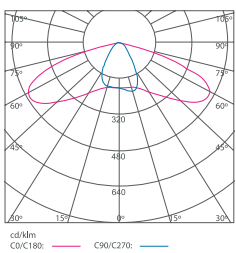


Light Control Unit

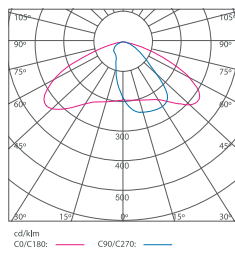


## PHOTOMETRIC

Type 1



Type 2



Type 3

