

LED Roadlight UR111E-113E

65W/150W/250W

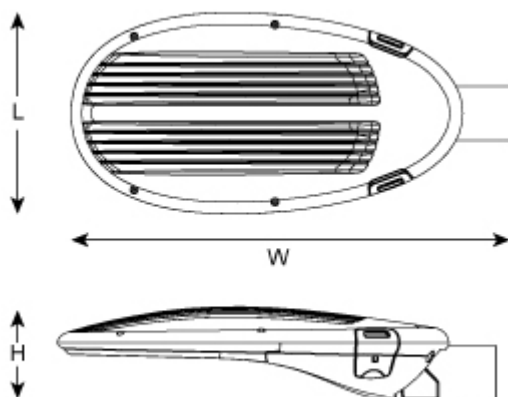
Features

- 65W / 150W / 250W LED Roadlight
- Wide beam angles for large open area coverage
- Asymmetric optic design with uniform distribution
- Excellent heat dissipation and long life span for low maintenance cost
- Integral driver
- Optional receptacle and photocell



Diagrams

Dimensions:



(Unit : mm)	(L)	(W)	(H)	Weight
UR111E	260 X	520 X	115	5 kg
UR112E	340 X	665 X	160	9.5 kg
UR113E	398 X	790 X	173	13 kg

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Standards



Applications



Technical Data	
Type of Light Source	
Lighting Technology Used	LED
Non-directional or Directional [NDLS/DLS]	DLS
Mains or Non-mains [MLS/NMLS]	MLS
Connected Light Source	No
Color tunable light source	No
Envelop [No/Second/Non-Clear]	No
High Luminance Light Source	No
Anti-glare Shield	No
Electrical	
Rated Wattage [W]	65W / 150W / 250W
On-mode Power [W]	65W / 150W / 250W
Standby Power [W]	N/A
Networked Standby Power [W]	N/A
Rated Voltage [V/Hz]	220-240V, 50/60Hz
Power Factor	0.9
Input Current [mA] @230V	314 / 725 / 1210
LED	SMD
Model	
UR111E-65W/8XX	65W
UR112E-150W/8XX	150W
UR113E-250W/8XX	250W
Luminous Flux (Useful Luminous Flux) [lm]	
65W	6800lm(6460lm) @3000K
	7100lm(6745lm) @4000K
	7500lm(7125lm) @6000K
150W	15700lm(14915lm) @3000K
	16500lm(15675lm) @4000K

	17300lm(16435lm) @6000K
250W	26200lm(24890lm) @3000K
	27500lm(26125lm) @4000K
	28700lm(27265lm) @6000K
Performance	
SCDM	<6
Chromaticity coordinates [x, y]	0.44, 0.403@3000K / 0.38, 0.38@4000K / 0.321, 0.322@6000K
Efficacy [lm/W]	80-90
Color Rendering Index [Ra]	≥80
R9 colour rendering index value	2
Beam Angle [°]	120
Rated Life, Ta@25°C [hrs]	50,000
Lamp Survival Factor	>0.9
Lumen Maintenance	>0.96
Number of Switching Cycles Before Failure	25,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Displacement Factor [cosØ]	0.9
Flicker Metric [Pst LM]	1
Stroboscopic Effect Metric [SVM]	0.4
Mechanical	
Length L [mm]	260 / 340 / 398
Width W [mm]	520 / 665 / 790
Height H [mm]	115 / 160 / 173
Weight [kg]	5 / 9.5 / 13
Material	Body: Die-cast aluminium
	Lens: PC
	Diffuser: Toughened glass
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Mercury Content [mg]	0.0
Energy Class	E
Electrical Class	I
Other	
Dimmable [Yes/Only with specific dimmers/No]	Optional
Operation Temperature	-10°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Energy Consumption in on-mode [kWh/1000h]	65kWh / 150kWh / 250kWh