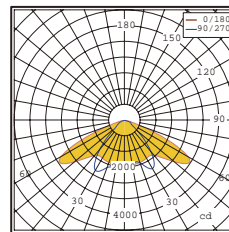


Photometrics

TypeV Photometric curve



Lamp:90W LED

Specifications

**Application:** Urban roads and street , Squares areas, Pedestrian areas, Residential areas,Parks

**Installing High:** 3-5m

**Mounting :** Post-top, suitable for Ø76mmx80mm tenon

**Lamps:** LED modules

**Lamp Wattage:** 45W/ 90W

Input Voltage : 90-270V AC,50/60Hz or 12V/24V DC

Power Factor : >0.9

Luminous Flux : 100lm/W

LED Chips Brand : Cree,OSRAM,Philips,Bridgelux

LED Driver Brand : MEAN WELL,MOSO,INVENTRONICS

Color Temperature(CCT) : 3000K,4000K,5000K,6500K

Color Rending Index(CRI) : CRI>70

Beam Angel : 120x60°

Working Temperature : -40 to 50℃

Working Lifetime : 50000 hours

**Material:** AL, Aluminium body

Housing: Die cast aluminium,Polyester powder coating

Heat Sink: Die cast aluminium,

Lens: High efficiency acrylic refractor,

Color: Standard painting colors is black (BK) , dark grey(GY)

RAL7016 ,light grey(LG)(RAL7042),other color are available

**Standards:**

Isolation degree Class I, IP Rating IP65



Ordering Information

Order No.	Lamp Wattage	LED chips Qty/Brand	Luminous Flux /Current If	Install Height	Gross/Net Weight	Dimension L*W*H(cm)	Packing L*W*H(cm)	QTY(pcs) 20'/40'GP
HA0021-45-BR	45W	40pcs/Bridge	4800lm/350mA	3m-5m	6 /5	60x60X10	62x62x15	470 /940
HA0021-90-CR	90W	40pcs/CREE	9200lm/700mA	3m-5m	6 /5	60x60X10	62x62x15	470 /940