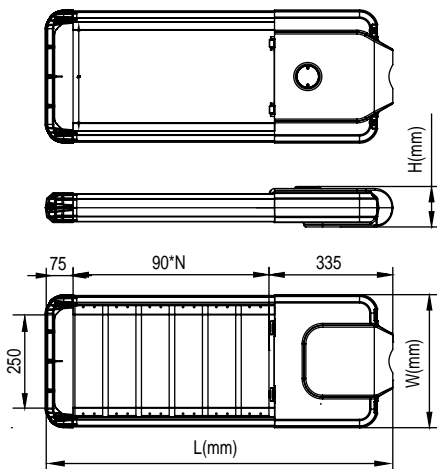


Model No. HL720



Dimension

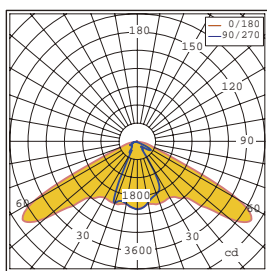


| Model | L | W | H | Power |
|---------|------|-----|-----|-----------|
| HL720-1 | 500 | 360 | 110 | 20W-50W |
| HL720-2 | 590 | 360 | 110 | 60W-100W |
| HL720-3 | 680 | 360 | 110 | 90W-150W |
| HL720-4 | 770 | 360 | 110 | 120W-200W |
| HL720-5 | 860 | 360 | 110 | 150W-250W |
| HL720-6 | 950 | 360 | 110 | 180W-300W |
| HL720-7 | 1040 | 360 | 110 | 210W-300W |
| HL720-8 | 1130 | 360 | 110 | 240W-300W |

Use all standard rectangle LED modules(length 300mm)

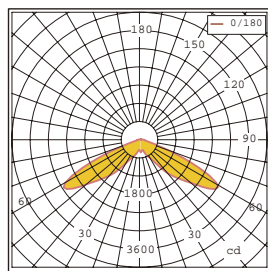
Photometrics

TypeI Photometric curve

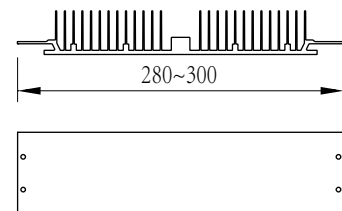


Lamp:80W LED

TypeV Photometric curve



Lamp:80W LED



Specifications

Application: Roads and highways, Urban roads and street,
Squares areas, Pedestrian areas, Parks

Installing Hight: 3-12m

Mounting : Side-entry, Ø60mm x120mm spigot

Lamps: All standard rectangle LED modules(length 300mm),
From LED-M20(30pcs chips) to LED-M50

Lamp wattage : 20W-300W

Input Voltage: 90-305V 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 Rendering Index(CRI): Ra>70

Beam Angel: 120x60°

Working Temperature: -40°C to 50°C

Working Lifetime: 50000 hours

Material: Aluminium body,

Body: Die cast aluminium, polyster powder coating.

Heat sink: 6063 extrude aluminium

lens: High efficiency acrylic refractor

Color: Standard colors is black (BK), dark grey (GY) (RAL7016),
light grey (LG) (RAL7042), silver grey (SG), White (WH),
other colors are available

Standard:

Isolation degree Class I, IP Rating(optical) IP65



Order information

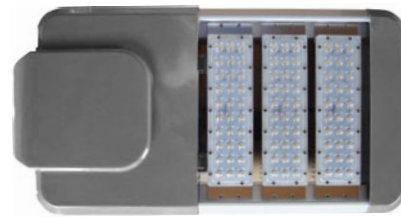
Use LED modules LED-M20, 140lm/w, No need of external driver, six years warranty

| 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) |
|--------------------|--------------|---------------------|---------------------------|----------------|------------------|---------------------|-------------------|
| HL720-1-30-BR-M20 | 30W | 30pcs/Bridge | 4350lm/100mA | 3m-6m | 7kg /6kg | 50x36x11 | 53x38x20 |
| HL720-1-40-BR-M20 | 40W | 30pcs/Bridge | 5600lm/100mA | 3m-6m | 7kg /6kg | 50x36x11 | 53x38x20 |
| HL720-1-45-BR-M20 | 45W | 30pcs/Bridge | 5850lm/100mA | 3m-6m | 7kg /6kg | 50x36x11 | 53x38x20 |
| HL720-2-60-BR-M20 | 60W | 60pcs/Bridge | 8700lm/100mA | 6m-9m | 8kg /7kg | 60x36x11 | 63x38x20 |
| HL720-2-80-BR-M20 | 80W | 60pcs/Bridge | 11200lm/100mA | 6m-9m | 8kg /7kg | 60x36x11 | 63x38x20 |
| HL720-2-90-BR-M20 | 90W | 60pcs/Bridge | 11700lm/100mA | 10m-12m | 8kg /7kg | 60x36x11 | 63x38x20 |
| HL720-3-120-BR-M20 | 120W | 90pcs/Bridge | 16800lm/100mA | 10m-12m | 9kg /8kg | 70x36x11 | 73x38x20 |
| HL720-3-135-BR-M20 | 135W | 90pcs/Bridge | 17550lm/100mA | 10m-12m | 9kg /8kg | 70x36x11 | 73x38x20 |
| HL720-4-160-BR-M20 | 160W | 120pcs/Bridge | 22400lm/100mA | 10m-12m | 10kg /9kg | 79x36x11 | 82x38x20 |
| HL720-4-180-BR-M20 | 180W | 120pcs/Bridge | 23400lm/100mA | 10m-12m | 10kg /9kg | 79x36x11 | 82x38x20 |
| HL720-5-200-BR-M20 | 200W | 150pcs/Bridge | 28000lm/100mA | 10m-12m | 11kg /10kg | 89x36x11 | 92x38x20 |
| HL720-5-225-BR-M20 | 225W | 150pcs/Bridge | 29250lm/100mA | 10m-12m | 11kg /10kg | 89x36x11 | 92x38x20 |
| HL720-6-240-BR-M20 | 240W | 180pcs/Bridge | 33600lm/100mA | 10m-12m | 12kg /11kg | 98x36x11 | 101x38x20 |
| HL720-6-270-BR-M20 | 270W | 180pcs/Bridge | 35100lm/100mA | 10m-12m | 12kg /11kg | 98x36x11 | 101x38x20 |

Order information



LED-M25(Cree chips)



LED-M26(Bridge chips)

Use LED modules LED-M25, LED-M26, >100lm/w, three years warranty for Bridge chips, five years warranty for CREE chips

| 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 |
|--------------------|--------------|---------------------|---------------------------|----------------|------------------|---------------------|-------------------|--------------------|
| HL720-1-40-CR-M25 | 40W | 20pcs/CREE | 4500lm/700mA | 3m-6m | 7kg /6kg | 50x36x11 | 53x38x20 | 700 /1400 |
| HL720-1-60-CR-M25 | 60W | 30pcs/CREE | 6750lm/700mA | 6m-9m | 7kg /6kg | 50x36x11 | 53x38x20 | 700 /1400 |
| HL720-2-80-CR-M25 | 80W | 40pcs/CREE | 9000m/700mA | 6m-9m | 8kg /7kg | 59x36x11 | 62x38x20 | 560 /1120 |
| HL720-2-100-CR-M25 | 100W | 60pcs/CREE | 10800lm/550mA | 10m-12m | 8kg /7kg | 59x36x11 | 62x38x20 | 560 /1120 |
| HL720-2-120-CR-M25 | 120W | 60pcs/CREE | 13500lm/700mA | 10m-12m | 8kg /7kg | 59x36x11 | 62x38x20 | 560 /1120 |
| HL720-3-150-CR-M25 | 150W | 90pcs/CREE | 16200lm/550mA | 10m-12m | 9kg /8kg | 68x36x11 | 71x38x20 | 500 /1000 |
| HL720-3-180-CR-M25 | 180W | 90pcs/CREE | 20250lm/700mA | 10m-12m | 9kg /8kg | 68x36x11 | 71x38x20 | 500 /1000 |
| HL720-3-200-CR-M25 | 200W | 90pcs/CREE | 20250lm/700mA | 10m-12m | 9kg /8kg | 68x36x11 | 71x38x20 | 500 /1000 |
| HL720-4-240-CR-M25 | 240W | 120pcs/CREE | 27000lm/700mA | 10m-12m | 10kg /9kg | 77x36x11 | 80x38x20 | 450 /900 |
| HL720-5-300-CR-M25 | 300W | 150pcs/CREE | 33750lm/700mA | 10m-12m | 11kg /10kg | 86x36x11 | 89x38x20 | 400 /800 |
| HL720-1-20-BR-M26 | 20W | 18pcs/Bridge | 2160lm/350mA | 3m-6m | 7kg /6kg | 50x36x11 | 53x38x20 | 700 /1400 |
| HL720-1-30-BR-M26 | 30W | 27pcs/Bridge | 3240lm/350mA | 3m-6m | 7kg /6kg | 50x36x11 | 53x38x20 | 700 /1400 |
| HL720-2-40-BR-M26 | 40W | 36pcs/Bridge | 4320lm/350mA | 3m-6m | 8kg /7kg | 59x36x11 | 62x38x20 | 560 /1120 |
| HL720-2-50-BR-M26 | 50W | 48pcs/Bridge | 5760lm/350mA | 6m-9m | 8kg /7kg | 59x36x11 | 62x38x20 | 560 /1120 |
| HL720-2-60-BR-M26 | 60W | 54pcs/Bridge | 6480lm/350mA | 6m-9m | 8kg /7kg | 59x36x11 | 62x38x20 | 560 /1120 |
| HL720-2-70-BR-M26 | 70W | 60pcs/Bridge | 7200lm/350mA | 6m-9m | 8kg /7kg | 59x36x11 | 62x38x20 | 560 /1120 |
| HL720-3-80-BR-M26 | 80W | 72pcs/Bridge | 8640lm/350mA | 6m-9m | 9kg /8kg | 68x36x11 | 71x38x20 | 500 /1000 |
| HL720-3-90-BR-M26 | 90W | 81pcs/Bridge | 9720lm/350mA | 10m-12m | 9kg /8kg | 68x36x11 | 71x38x20 | 500 /1000 |
| HL720-3-100-BR-M26 | 100W | 90pcs/Bridge | 10800lm/350mA | 10m-12m | 9kg /8kg | 68x36x11 | 71x38x20 | 500 /1000 |
| HL720-4-120-BR-M26 | 120W | 108pcs/Bridge | 12960lm/350mA | 10m-12m | 10kg /9kg | 77x36x11 | 80x38x20 | 450 /900 |
| HL720-4-140-BR-M26 | 140W | 120pcs/Bridge | 14400lm/350mA | 10m-12m | 10kg /9kg | 77x36x11 | 80x38x20 | 450 /900 |
| HL720-5-150-BR-M26 | 150W | 135pcs/Bridge | 16200lm/350mA | 10m-12m | 11kg /10kg | 86x36x11 | 89x38x20 | 400 /800 |
| HL720-5-160-BR-M26 | 160W | 150pcs/Bridge | 16200lm/350mA | 10m-12m | 11kg /10kg | 86x36x11 | 89x38x20 | 400 /800 |
| HL720-6-180-BR-M26 | 180W | 162pcs/Bridge | 19440lm/350mA | 10m-12m | 12kg /11kg | 95x36x11 | 98x38x20 | 370 /740 |
| HL720-6-200-BR-M26 | 200W | 180pcs/Bridge | 21600lm/350mA | 10m-12m | 12kg /11kg | 95x36x11 | 98x38x20 | 370 /740 |
| HL720-7-240-BR-M26 | 240W | 210pcs/Bridge | 25200lm/350mA | 10m-12m | 13kg /12kg | 104x36x11 | 107x38x20 | 350 /700 |
| HL720-8-280-BR-M26 | 280W | 240pcs/Bridge | 28800lm/350mA | 10m-12m | 14kg /13kg | 113x36x11 | 116x38x20 | 310 /620 |