

# Serie 750200



LM-79  
LM-80

IP66  
IK10



CE CB

RoHS  
Compliant



**5** YEAR  
WARRANTY

## LED FLOODLIGHTS



# SERIE 750200

## LED FLOODLIGHTS

## PRODUCT CATALOG



### Overview

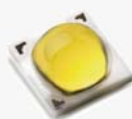
Revolutionary built-in driver design with extremely simple and clean appearance.

The Cillux® 750200 Serie LED floodlights are using highly luminous-efficient LUMILEDS® LUXEON TX luminous source and highly reliable HLG Series Mean Well® driver. Provide 5 years warranty on luminaire.

### Color Options

► Silver Gray

### LED LUMINOUS SOURCE



**LUXEON**  
NEVER BEFORE POSSIBLE  
Greater than 135lm/W high efficacy, illumination grade LED light source.



### LED DRIVER



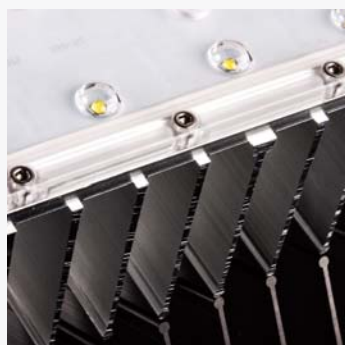
High-end Mean Well HLG Series LED driver, optimal stability, performance and lifespan.



### LED MODULE



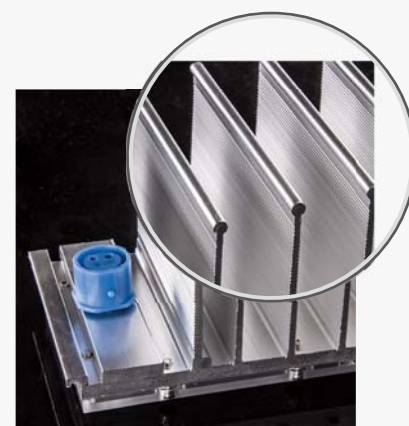
Exquisite design with powerful thermal dissipation and IP67 waterproof performance.



Overall stainless steel screws adopted.



Black & Silver Color Modules.

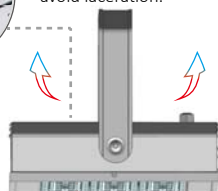


Cylindrical edge design, avoid cut risk.

### XTREME LUMINAIRE DESIGN



Reasonable heat sink design, not only keep ventilation but also avoid laceration.



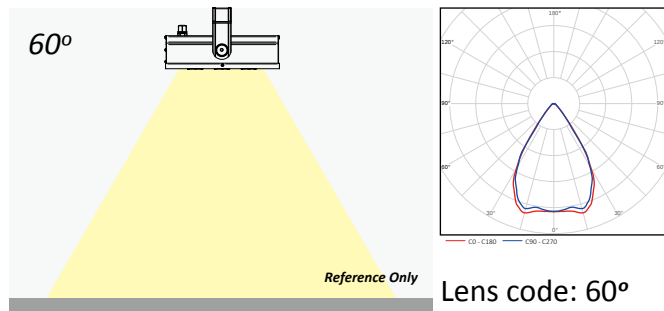
Gaps between each module are increased heat dissipation speed and solved the problem of dust deposition.



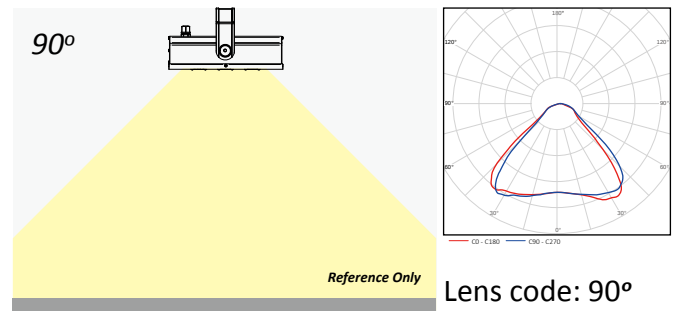
S



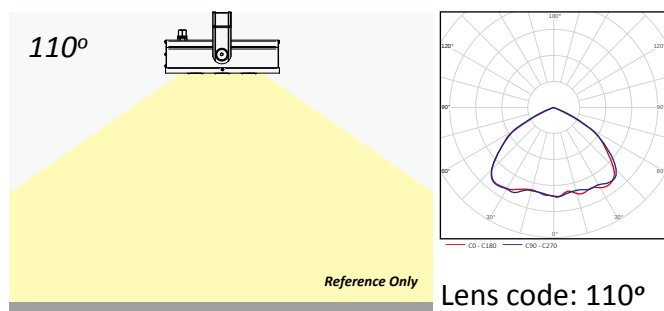
### Optics



Applications:  
Billboard | Area Lighting | Architecture Lighting | Landscape Lighting



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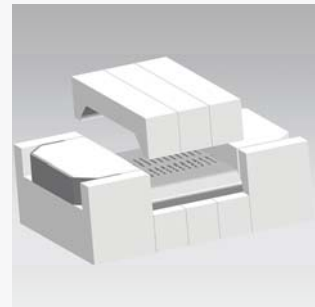
Professional lens design with 60°, 90° and 110° optional.



Use M16 waterproof connector, avoid hard power damage.



Full aluminium enhanced luminaire bracket supports flexible angle adjustment. Designed for a variety of applications



A special tailor-made packaging designed to guarantee the highest protection of the lamp.



Use waterproof connector for internal wiring, safe, convenient & fast.



Innovative pluggable connector, clean & efficient.



UL standard connection.



With a non-corrosive material, not only exquisite appearance, but also no corrosion concerns.



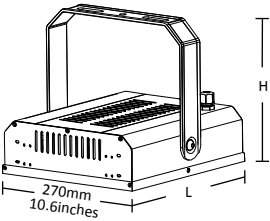
SERIE 750200  
LED FLOODLIGHTS

PRODUCT CATALOG



| Product                         | 750200-40W                                    | 750200-80W                                    | 750200-120W                                   | 750200-160W                                   | 750200-200W                                   | 750200-240W                                   |
|---------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Nominal Wattage                 | 40W                                           | 80W                                           | 120W                                          | 160W                                          | 200W                                          | 240W                                          |
| Drive Current                   | 850 mA                                        | 850 mA                                        | 850 mA                                        | 850 mA                                        | 850 mA                                        | 850 mA                                        |
| Number of Modules               | 1                                             | 2                                             | 3                                             | 4                                             | 5                                             | 6                                             |
| Input Voltage                   | 100-240V / 277V AC<br>50/60Hz                 | 100-240V / 277V AC<br>50/60Hz                 | 100-240V / 277V AC<br>50/60Hz                 | 100-240V / 277V AC<br>50/60Hz                 | 100-240V / 277V AC<br>50/60Hz                 | 100-240V / 277V AC<br>50/60Hz                 |
| Max. Current @ 120V             | 0.41 A                                        | 0.82 A                                        | 1.23 A                                        | 1.65 A                                        | 2.06 A                                        | 2.47 A                                        |
| Max. Current @ 208V             | 0.24 A                                        | 0.47 A                                        | 0.71 A                                        | 0.95 A                                        | 1.19 A                                        | 1.42 A                                        |
| Max. Current @ 240V             | 0.21 A                                        | 0.41 A                                        | 0.62 A                                        | 0.82 A                                        | 1.03 A                                        | 1.23 A                                        |
| Max. Current @ 277V             | 0.18 A                                        | 0.36 A                                        | 0.53 A                                        | 0.71 A                                        | 0.89 A                                        | 1.07 A                                        |
| Operating Temperature           | -40 °C to +50 °C                              | -40 °C to +50 °C                              | -40 °C to +50 °C                              | -40 °C to +50 °C                              | -40 °C to +50 °C                              | -40 °C to +50 °C                              |
| Power Factor (PF)               | > 0.95                                        | > 0.95                                        | > 0.95                                        | > 0.95                                        | > 0.95                                        | > 0.95                                        |
| Total Harmonic Distortion (THD) | < 20%                                         | < 20%                                         | < 20%                                         | < 20%                                         | < 20%                                         | < 20%                                         |
| Lumen Output (+/- 5%)           | 4400 lm                                       | 8800 lm                                       | 13200 lm                                      | 17600 lm                                      | 22000 lm                                      | 26400 lm                                      |
| Optic                           | 60º, 90º, 110º                                | 60º, 90º, 110º                                | 60º, 90º, 110º                                | 60º, 90º, 110º                                | 60º, 90º, 110º                                | 60º, 90º, 110º                                |
| CRI                             | Minimum 70 CRI                                | Minimum 70 CRI                                | Minimum 70 CRI                                | Minimum 70 CRI                                | Minimum 70 CRI                                | Minimum 70 CRI                                |
| CCT                             | <div>3000K 4000K</div> <div>5000K 5700K</div> | <div>3000K 4000K</div> <div>5000K 5700K</div> | <div>3000K 4000K</div> <div>5000K 5700K</div> | <div>3000K 4000K</div> <div>5000K 5700K</div> | <div>3000K 4000K</div> <div>5000K 5700K</div> | <div>3000K 4000K</div> <div>5000K 5700K</div> |
| Rating                          | IP66, IK10                                    | IP66, IK10                                    | IP66, IK10                                    | IP66, IK10                                    | IP66, IK10                                    | IP66, IK10                                    |
| Heat Radiator                   | Anodized Aluminum                             | Anodized Aluminum                             | Anodized Aluminum                             | Anodized Aluminum                             | Anodized Aluminum                             | Anodized Aluminum                             |
| Lens                            | PC (UV resistance)                            | PC (UV resistance)                            | PC (UV resistance)                            | PC (UV resistance)                            | PC (UV resistance)                            | PC (UV resistance)                            |
| Packaging Type                  | 1 unit /ctn.                                  | 1 unit /ctn.                                  | 1 unit /ctn.                                  | 1 unit /ctn.                                  | 1 unit /ctn.                                  | 1 unit /ctn.                                  |

DIMENSION DATA



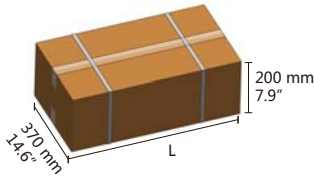
| Number of Modules | 1                  | 2                  | 3                   | 4                   | 5                   | 6                   |
|-------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
| “L” Length        | 166 mm<br>6.5”     | 239 mm<br>9.4”     | 312 mm<br>12.3”     | 385 mm<br>15.2”     | 458 mm<br>18.0”     | 531 mm<br>20.9”     |
| “H” Height        | 190 mm<br>7.5”     | 227 mm<br>8.9”     | 263 mm<br>10.4”     | 300 mm<br>11.8”     | 336 mm<br>13.2”     | 373 mm<br>14.7”     |
| Weight            | 2.4 kg<br>5.3 lbs. | 3.6 kg<br>7.9 lbs. | 4.6 kg<br>10.1 lbs. | 5.4 kg<br>11.9 lbs. | 6.3 kg<br>13.9 lbs. | 7.1 kg<br>15.7 lbs. |

LUMEN MAINTENANCE

| Ambient Temperature | TM-21 Lumen Maintenance<br>(60,000 Hours) | Theoretical L70<br>(Hours) |
|---------------------|-------------------------------------------|----------------------------|
| 25 °C               | 96.50%                                    | 478,000                    |
| 40 °C               | 97.22%                                    | 531,000                    |
| 50 °C               | 96.16%                                    | 373,000                    |

\* Visit "http://zgsm-china.com/product/Lighting/category/high-bay-lights/series-h" for TM-21 Report

PACKAGING DATA



| Number of Modules | 1                  | 2                  | 3                   | 4                   | 5                   | 6                   |
|-------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
| “L” Length        | 285 mm<br>11.2”    | 355 mm<br>14.0”    | 430 mm<br>17.0”     | 505 mm<br>19.9”     | 580 mm<br>22.8”     | 650 mm<br>25.6”     |
| Weight            | 3.1 kg<br>6.8 lbs. | 4.4 kg<br>9.7 lbs. | 5.4 kg<br>11.9 lbs. | 6.3 kg<br>13.9 lbs. | 7.2 kg<br>15.9 lbs. | 8.1 kg<br>17.9 lbs. |

CERTIFICATION

UL/cUL Wet Location Listed  
DesignLights Consortium® Qualified

LM79 / LM80 Compliant  
IP66 / IK10 Rated

CE / ROHS / GS / CB / SAA  
IOS9001, ISO14001



### Dimming

Dimming functions are supported by optional

† Three in One (1-10V DC or PWM Signal or Resistance)

† Output constant current level can be adjusted through out put cable by connecting a resistance or 1 ~ 10Vdc or 10V PWM signal between DIM+ and DIM-.

† Please DO NOT connect "DIM-" to "-V".

† Reference resistance value for output current adjustment (Typical)

| Resistance value            | 10KΩ | 20KΩ | 30KΩ | 40KΩ | 50KΩ | 60KΩ | 70KΩ | 80KΩ | 90KΩ | 100KΩ | OPEN       |
|-----------------------------|------|------|------|------|------|------|------|------|------|-------|------------|
| Percentage of rated current | 10%  | 20%  | 30%  | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  | 100%  | 95% ~ 108% |

† 1-10V dimming function for output current adjustment (Typical)

| Dimming value               | 1V  | 2V  | 3V  | 4V  | 5V  | 6V  | 7V  | 8V  | 9V  | 10V  | OPEN       |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------------|
| Percentage of rated current | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | 95% ~ 108% |

† 10V PWM signal for output current adjustment (Typical): Frequency range: 100Hz ~ 3KHz

| Resistance value            | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | OPEN       |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------------|
| Percentage of rated current | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | 95% ~ 108% |

### Time Control Dimming

Time control dimming function is supported by optional - Contact CILLUX for Details

## AFTER-SALE SERVICE

Cillux LED Lighting warrants this Cillux-branded hardware product against defects in materials and workmanship under normal use for a period of FIVE (5) YEAR from the date of purchase. Cillux provides free repair or replacement within warranty period. Cillux shall charge against defeats by abnormal storage, usage, connection or change the structure or any components of the product.

\*Damage by thunder stroke over 4KV(L,N against FG) /2KV(L against N) will not covered by warranty based on IEC61000-4-5.

The product (LED lighting equipment, electrical, electronic equipment) should not be placed in municipal waste.

Check local regulations for disposal of electronic products.

- Features and specifications are subject to change without notice.
- The product color may be different with actual due to discrepancy of camera or screen settings.

