



**greenlux**  
cost reduction LED lighting

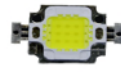
# Slimline Series LED Flood Light

Available in 10W ~120W  
80% lumen maintenance at 50,000 hours

- Instant power reduction!
- 0% Mercury, 100% Environmentally friendly
- Internal driver with active PFC function
- No IR or UV radiation, low heat generation
- Over current & short circuit protection
- High lumen output
- Advanced thermal management
- Multiple installation methods
- Waterproof with IP65 Rated
- 5 Year Warranty
- Applications include Grandstands, stadiums, museums, sculptures, clubs, bars and restaurants.

## Specifications

<b>Colour Range</b>	3000-6500K
<b>Power Consumption</b>	10-120W
<b>Lumen Output</b>	700~9600lm
<b>Input Voltage</b>	100V/240V AC 50-60Hz
<b>Power Factor</b>	>0.9
<b>Operating Temp.</b>	-20°C to 50°C
<b>Humidity</b>	0 - 95%
<b>Beam angle</b>	120°
<b>CRI</b>	>70
<b>Chipset</b>	Epistar
<b>Apply Location</b>	Stadium, Hotels, Hallways, Commercial and Industrial Buildings, Schools, Colleges, Universities and Hospitals



COB



S reflector

## Dimensions & Materials

<b>Product Dimensions (mm)</b>	10W	132*112*45 (LxWxH)
	20W	182*150*52 (LxWxH)
	30W	230*195*62 (LxWxH)
	50W	285*235*70 (LxWxH)
	70W	313*253*88 (LxWxH)
	80W	313*253*88 (LxWxH)
	100W	366*286*97 (LxWxH)
120W	366*286*97 (LxWxH)	

<b>Housing Material</b>	Aluminum Alloy
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## Certification and Safety

<b>Certifications</b>	IP65, CE, RoHS, SAA, RCM
<b>Environment</b>	Outdoor Location
<b>Warranty</b>	5 years



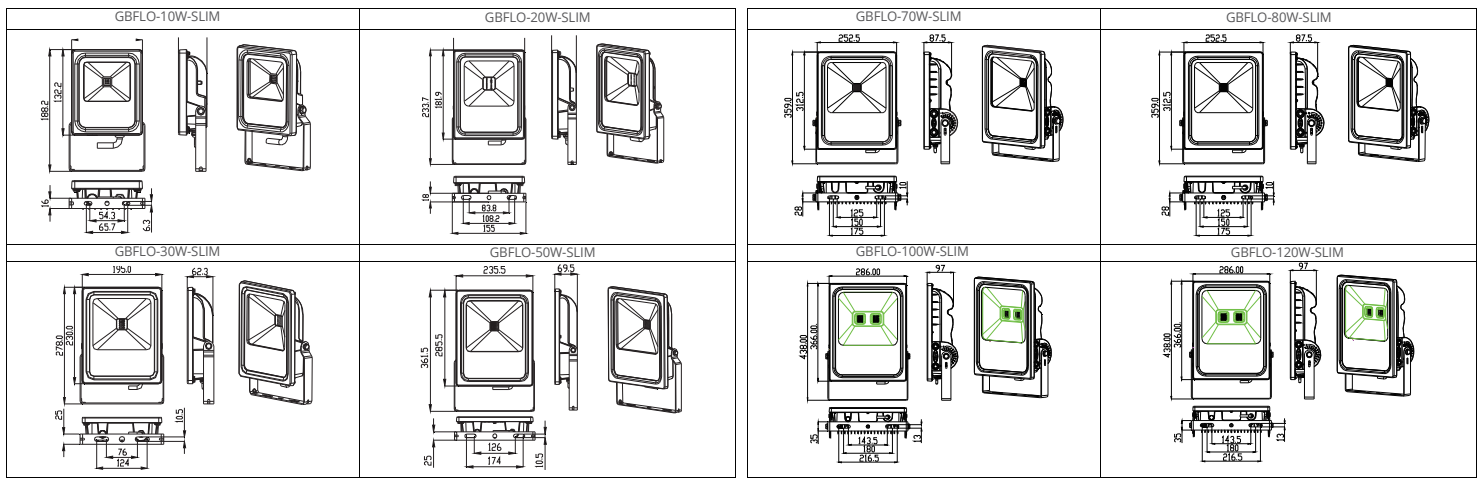


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## Dimensions Diagram





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## Photometrics

	Radiation	Lux Diagram																														
GBFLO-10W	<p>UNIT: cd 0.0000 BEAM: 110.0deg 0.0000 BEAM: 106.0deg</p> <p>AVERAGE BEAM ANGLE (DOAS): 108.0 DEG</p>	<table border="1"> <tr> <td>3.201ft</td> <td>0.826, 25.04Fc</td> <td>0.711Fc</td> </tr> <tr> <td>1m</td> <td>95.00, 29.91m</td> <td>265.91cm</td> </tr> <tr> <td>6.562ft</td> <td>2.207, 6.845Fc</td> <td>17.42Fc</td> </tr> <tr> <td>2m</td> <td>23.75, 67.38m</td> <td>531.01cm</td> </tr> <tr> <td>9.843ft</td> <td>0.5807, 2.782Fc</td> <td>26.13Fc</td> </tr> <tr> <td>3m</td> <td>10.54, 29.91m</td> <td>796.52cm</td> </tr> <tr> <td>13.12ft</td> <td>0.3514, 1.065Fc</td> <td>26.84Fc</td> </tr> <tr> <td>4m</td> <td>9.938, 14.85m</td> <td>1062.03cm</td> </tr> <tr> <td>14.4ft</td> <td>0.3530, 1.022Fc</td> <td>43.55Fc</td> </tr> <tr> <td>5m</td> <td>3.600, 10.74m</td> <td>1327.54cm</td> </tr> </table> <p>Height: Ray, Max Angle: 106.02deg Diameter: Note: The Curves Indicate the illuminated area and the average illumination when the luminaire is at different distance.</p>	3.201ft	0.826, 25.04Fc	0.711Fc	1m	95.00, 29.91m	265.91cm	6.562ft	2.207, 6.845Fc	17.42Fc	2m	23.75, 67.38m	531.01cm	9.843ft	0.5807, 2.782Fc	26.13Fc	3m	10.54, 29.91m	796.52cm	13.12ft	0.3514, 1.065Fc	26.84Fc	4m	9.938, 14.85m	1062.03cm	14.4ft	0.3530, 1.022Fc	43.55Fc	5m	3.600, 10.74m	1327.54cm
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GBFLO-20W	<p>UNIT: cd 0.0000 BEAM: 112.5deg 0.0000 BEAM: 107.4deg</p> <p>AVERAGE BEAM ANGLE (DOAS): 110.1 DEG</p>	<table border="1"> <tr> <td>3.201ft</td> <td>10.56, 47.80Fc</td> <td>0.934Fc</td> </tr> <tr> <td>1m</td> <td>139.0, 93.01m</td> <td>278.37cm</td> </tr> <tr> <td>6.562ft</td> <td>4.443, 13.90Fc</td> <td>17.07Fc</td> </tr> <tr> <td>2m</td> <td>49.95, 128.91m</td> <td>544.73cm</td> </tr> <tr> <td>9.843ft</td> <td>2.043, 6.317Fc</td> <td>26.03Fc</td> </tr> <tr> <td>3m</td> <td>22.20, 59.91m</td> <td>811.18cm</td> </tr> <tr> <td>13.12ft</td> <td>1.140, 2.921Fc</td> <td>35.74Fc</td> </tr> <tr> <td>4m</td> <td>12.49, 22.11m</td> <td>1189.47cm</td> </tr> <tr> <td>14.4ft</td> <td>0.7420, 1.914Fc</td> <td>44.09Fc</td> </tr> <tr> <td>5m</td> <td>7.920, 25.40m</td> <td>1383.44cm</td> </tr> </table> <p>Height: Ray, Max Angle: 107.42deg Diameter: Note: The Curves Indicate the illuminated area and the average illumination when the luminaire is at different distance.</p>	3.201ft	10.56, 47.80Fc	0.934Fc	1m	139.0, 93.01m	278.37cm	6.562ft	4.443, 13.90Fc	17.07Fc	2m	49.95, 128.91m	544.73cm	9.843ft	2.043, 6.317Fc	26.03Fc	3m	22.20, 59.91m	811.18cm	13.12ft	1.140, 2.921Fc	35.74Fc	4m	12.49, 22.11m	1189.47cm	14.4ft	0.7420, 1.914Fc	44.09Fc	5m	7.920, 25.40m	1383.44cm
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GBFLO-30W	<p>UNIT: cd 0.0000 BEAM: 114.5deg 0.0000 BEAM: 107.4deg</p> <p>AVERAGE BEAM ANGLE (DOAS): 110.9 DEG</p>	<table border="1"> <tr> <td>3.201ft</td> <td>30.17, 75.65Fc</td> <td>0.924Fc</td> </tr> <tr> <td>1m</td> <td>324.0, 914.31m</td> <td>269.25cm</td> </tr> <tr> <td>6.562ft</td> <td>7.543, 18.91Fc</td> <td>17.07Fc</td> </tr> <tr> <td>2m</td> <td>81.19, 203.01m</td> <td>538.50cm</td> </tr> <tr> <td>9.843ft</td> <td>3.352, 9.406Fc</td> <td>26.2Fc</td> </tr> <tr> <td>3m</td> <td>34.09, 90.48m</td> <td>807.74cm</td> </tr> <tr> <td>13.12ft</td> <td>1.886, 4.728Fc</td> <td>35.33Fc</td> </tr> <tr> <td>4m</td> <td>20.30, 50.90m</td> <td>1077.01cm</td> </tr> <tr> <td>14.4ft</td> <td>1.207, 3.026Fc</td> <td>44.17Fc</td> </tr> <tr> <td>5m</td> <td>12.99, 32.57m</td> <td>1346.26cm</td> </tr> </table> <p>Height: Ray, Max Angle: 106.79deg Diameter: Note: The Curves Indicate the illuminated area and the average illumination when the luminaire is at different distance.</p>	3.201ft	30.17, 75.65Fc	0.924Fc	1m	324.0, 914.31m	269.25cm	6.562ft	7.543, 18.91Fc	17.07Fc	2m	81.19, 203.01m	538.50cm	9.843ft	3.352, 9.406Fc	26.2Fc	3m	34.09, 90.48m	807.74cm	13.12ft	1.886, 4.728Fc	35.33Fc	4m	20.30, 50.90m	1077.01cm	14.4ft	1.207, 3.026Fc	44.17Fc	5m	12.99, 32.57m	1346.26cm
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GBFLO-50W	<p>UNIT: cd 0.0000 BEAM: 116.5deg 0.0000 BEAM: 109.5deg</p> <p>AVERAGE BEAM ANGLE (DOAS): 112.0 DEG</p>	<table border="1"> <tr> <td>3.201ft</td> <td>41.69, 122.95Fc</td> <td>0.801Fc</td> </tr> <tr> <td>1m</td> <td>442.9, 1229.5m</td> <td>292.99cm</td> </tr> <tr> <td>6.562ft</td> <td>10.27, 26.73Fc</td> <td>18.56Fc</td> </tr> <tr> <td>2m</td> <td>110.6, 330.72m</td> <td>565.79cm</td> </tr> <tr> <td>9.843ft</td> <td>4.566, 13.65Fc</td> <td>27.04Fc</td> </tr> <tr> <td>3m</td> <td>49.19, 147.03m</td> <td>848.64cm</td> </tr> <tr> <td>13.12ft</td> <td>2.548, 7.483Fc</td> <td>37.12Fc</td> </tr> <tr> <td>4m</td> <td>27.44, 62.69m</td> <td>1121.55cm</td> </tr> <tr> <td>14.4ft</td> <td>1.644, 4.916Fc</td> <td>46.61Fc</td> </tr> <tr> <td>5m</td> <td>17.49, 52.92m</td> <td>1414.44cm</td> </tr> </table> <p>Height: Ray, Max Angle: 109.49deg Diameter: Note: The Curves Indicate the illuminated area and the average illumination when the luminaire is at different distance.</p>	3.201ft	41.69, 122.95Fc	0.801Fc	1m	442.9, 1229.5m	292.99cm	6.562ft	10.27, 26.73Fc	18.56Fc	2m	110.6, 330.72m	565.79cm	9.843ft	4.566, 13.65Fc	27.04Fc	3m	49.19, 147.03m	848.64cm	13.12ft	2.548, 7.483Fc	37.12Fc	4m	27.44, 62.69m	1121.55cm	14.4ft	1.644, 4.916Fc	46.61Fc	5m	17.49, 52.92m	1414.44cm
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## Photometrics

	Radiation	Lux Diagram
GBFLO-70W	<p>UNIT:cd            V: 0.0000 15200,116.0000            H: 0.0000 15200,109.7000            AVERAGE BEAM ANGLE(100%) : 112.9 DEG</p>	<p>Height RayV,Beam Angle:109.67deg Diameter            Note:The Curves indicate the illuminated area and the average illumination when the luminaires is at different distance.</p>
GBFLO-80W	<p>UNIT:cd            V: 0.0000 15200,116.3000            H: 0.0000 15200,110.0000            AVERAGE BEAM ANGLE(100%) : 113.1 DEG</p>	<p>Height RayV,Beam Angle:110.00deg Diameter            Note:The Curves indicate the illuminated area and the average illumination when the luminaires is at different distance.</p>
GBFLO-100W	<p>UNIT:cd            V: 0.0000 15200,111.3000            H: 0.0000 15200,105.2000            AVERAGE BEAM ANGLE(100%) : 113.1 DEG</p>	<p>Height RayV,Beam Angle:111.09deg Diameter            Note:The Curves indicate the illuminated area and the average illumination when the luminaires is at different distance.</p>
GBFLO-120W	<p>UNIT:cd            V: 0.0000 15200,112.0000            H: 0.0000 15200,117.0000            AVERAGE BEAM ANGLE(100%) : 115.0 DEG</p>	<p>Height RayV,Beam Angle:112.36deg Diameter            Note:The Curves indicate the illuminated area and the average illumination when the luminaires is at different distance.</p>

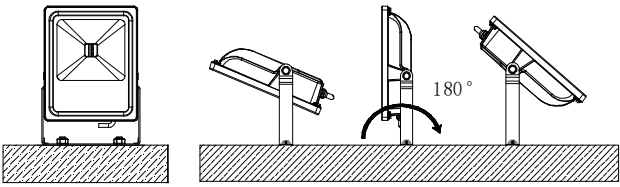
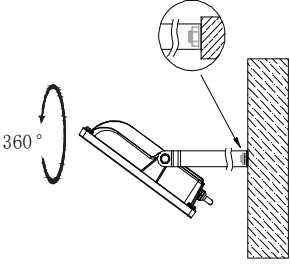
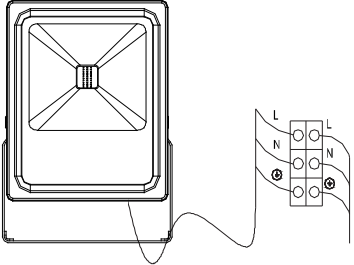




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## Installation

<p>1. Adjust the angle you need, then fasten the flood lights with screws;</p>	<p>2. Install the LED Flood light onto the wall or ground, drill hole on the wall or ground, use the expansion screw, and then fasten the flood light;</p>
	
<p>3. Connect the power wire from the Main line to the power wire of the lamp. Ensure all connections are waterproof. Please note that the Brown color wire is Live wire, Blue wire is Null line, the Yellow and Green wire are the Earth lines;</p>	<p>4. Turn on the power supply to ensure the light is working.</p>
	<p> NOTE: All electrical work must be carried out by a licensed electrician as per the latest AS 3000 wiring regulations.</p> <p> All entry points should be sealed properly to maintain the IP65 rating of the fitting. Warranty void if water damage found.</p>

MODEL	DIM	Wattage (W)	Voltage (V)	Life-time (hrs)	CCT (k)	Lumen	Beam Angle (°)	Size (mm) (LxWxD)	Surface Colour
GBFLO-10W	No	10W	100/240	50,000	3000-6500	700	120	132 x112 x45	Black/Grey
GBFLO-20W	No	20W	100/240	50,000	3000-6500	1500	120	182 x150 x52	Black/Grey
GBFLO-30W	No	30W	100/240	50,000	3000-6500	2250	120	230 x195 x62	Black/Grey
GBFLO-50W	No	50W	100/240	50,000	3000-6500	3800	120	285 x235 x70	Black/Grey
GBFLO-70W	No	70W	100/240	50,000	3000-6500	5600	120	313 x253 x88	Black/Grey
GBFLO-80W	No	80W	100/240	50,000	3000-6500	6400	120	313 x253 x88	Black/Grey
GBFLO-100W	No	100W	100/240	50,000	3000-6500	8000	120	366 x286 x97	Black/Grey
GBFLO-120W	No	120W	100/240	50,000	3000-6500	9600	120	366 x286 x97	Black/Grey