



## Professional High Power LED Flood Lighting






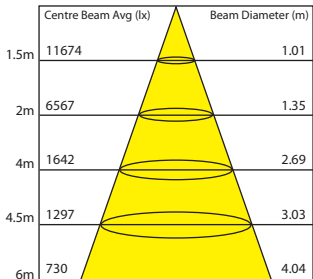
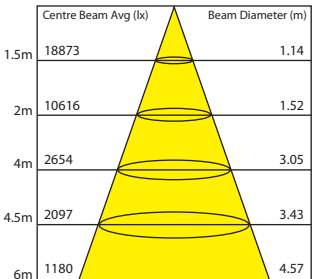
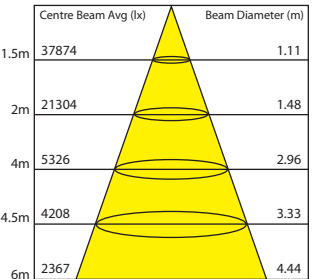
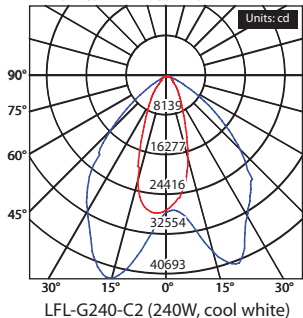
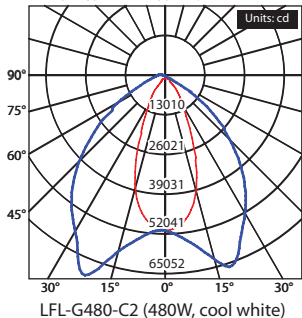
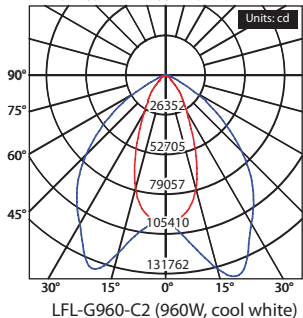
LFL-G2 Series: LED flood lighting with U-shape bracket in 240W, 360W, 480W, 720W & 960W

The ENSA™ LFL-G Series of LED flood lights is a flexible choice large scale lighting solutions. These high power lights feature dual bracket & light tilt adjustment for a smooth installation process, and are ideal in sports lighting applications and in large outdoor production and carpark facilities.

LFL-G Series flood lights are incredibly reliable with a rated lifespan up to 100,000 hours, and have versatile dimming options with both DALI and DMX control standards.

- High performance 172lm/W LED lighting efficiency
- Incredible light output at up to 165,120 lumens
- Wide 60° x 100° beam angle, ideal for high installs
- 90° LED module tilt and 180° adjustable U-bracket
- High performance, long lifespan 5050 SMD LED package
- Optional dimming controlled via DALI & DMX standards
- Independent power box with efficient heat dissipation
- IP67 weather rated and IK10 vandal resistance

## Series Specifications

Model	LFL-G240-C2	LFL-G360-C2	LFL-G480-C2	LFL-G720-C2	LFL-G960-C2																																											
Product Image																																																
Series Name	LFL-G2 Series LED Flood Lights																																															
<b>Optical</b>																																																
Luminous Flux	41,280lm	61,920lm	87,360lm	123,840lm	165,120lm																																											
Luminous Efficacy	172lm/W																																															
LED Package	5050 SMD LEDs (120pcs/module)																																															
Colour Temperature	5000K cool white																																															
Colour Rendering Index	> 80																																															
Beam Angle	60° x 100°																																															
Rated LED Lifespan	100,000 hours																																															
<b>Electrical</b>																																																
Power Consumption	240W	360W	480W	720W	960W																																											
Input Voltage	100 ~ 277/347/480VAC																																															
Power Factor	> 0.95																																															
Dimming Technology	DALI / DMX (optional)																																															
<b>General</b>																																																
Ingress Protection	IP67																																															
Vandal Protection	IK10																																															
Driver Package	Meanwell LED driver, 3-pin AC plug																																															
Reflector / Diffuser	Polycarbonate lens																																															
Housing Adjustments	90° light tilt, 180° U-bracket tilt																																															
Operating Environment	-20° ~ 55°C																																															
Dimensions (without bracket)	460 x 230 x 75mm	690 x 230 x 75mm	460 x 460 x 75mm	690 x 460 x 75mm	690 x 690 x 75mm																																											
Net Weight	12.5kg	14.5kg	18kg	24.5kg	35.5kg																																											
<b>Photometry</b>																																																
Illuminance at a Distance	 <p>Centre Beam Avg (lx)   Beam Diameter (m)</p> <table border="1"> <tr><td>1.5m</td><td>11674</td><td>1.01</td></tr> <tr><td>2m</td><td>6567</td><td>1.35</td></tr> <tr><td>4m</td><td>1642</td><td>2.69</td></tr> <tr><td>4.5m</td><td>1297</td><td>3.03</td></tr> <tr><td>6m</td><td>730</td><td>4.04</td></tr> </table> <p>LFL-G240-C2 (240W, cool white)</p>	1.5m	11674	1.01	2m	6567	1.35	4m	1642	2.69	4.5m	1297	3.03	6m	730	4.04	 <p>Centre Beam Avg (lx)   Beam Diameter (m)</p> <table border="1"> <tr><td>1.5m</td><td>18873</td><td>1.14</td></tr> <tr><td>2m</td><td>10616</td><td>1.52</td></tr> <tr><td>4m</td><td>2654</td><td>3.05</td></tr> <tr><td>4.5m</td><td>2097</td><td>3.43</td></tr> <tr><td>6m</td><td>1180</td><td>4.57</td></tr> </table> <p>LFL-G480-C2 (480W, cool white)</p>	1.5m	18873	1.14	2m	10616	1.52	4m	2654	3.05	4.5m	2097	3.43	6m	1180	4.57	 <p>Centre Beam Avg (lx)   Beam Diameter (m)</p> <table border="1"> <tr><td>1.5m</td><td>37874</td><td>1.11</td></tr> <tr><td>2m</td><td>21304</td><td>1.48</td></tr> <tr><td>4m</td><td>5326</td><td>2.96</td></tr> <tr><td>4.5m</td><td>4208</td><td>3.33</td></tr> <tr><td>6m</td><td>2367</td><td>4.44</td></tr> </table> <p>LFL-G960-C2 (960W, cool white)</p>	1.5m	37874	1.11	2m	21304	1.48	4m	5326	2.96	4.5m	4208	3.33	6m	2367	4.44
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Luminous Light Distribution	 <p>Units: cd</p> <p>LFL-G240-C2 (240W, cool white)</p>	 <p>Units: cd</p> <p>LFL-G480-C2 (480W, cool white)</p>	 <p>Units: cd</p> <p>LFL-G960-C2 (960W, cool white)</p>																																													

## Ordering Information

Type	Series	Wattage	Colour Temperature
LFL	G	240 (240W) 360 (360W) 480 (480W) 720 (720W) 960 (960W)	C2 (Cool white)
LFL-G480-C2: 480W LED Flood Light in Cool White			