



Professional LED Flood Lighting








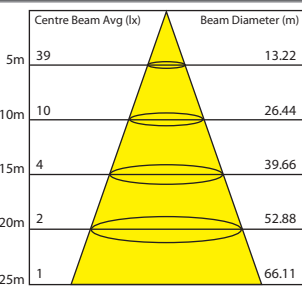
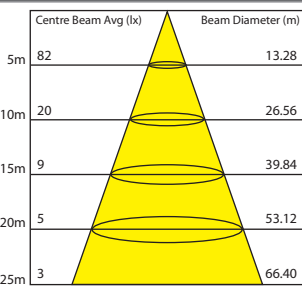
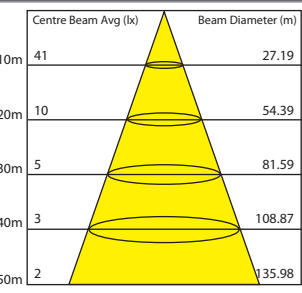
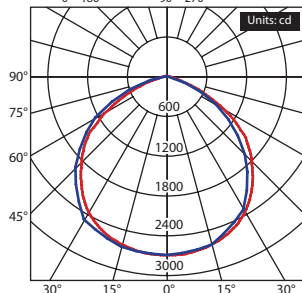
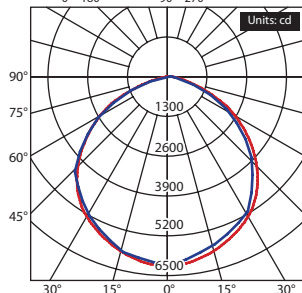
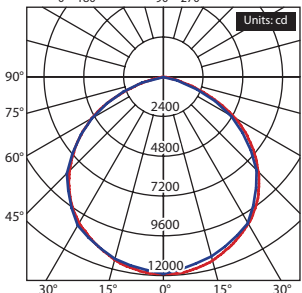
LFL-B2 Series: High performance floods in 20W, 30W, 50W, 80W, 100W, 150W and 200W models

The ENSA™ LFL-B2 series of high-power LED flood lights delivers exceptional lighting performance in a robust, weather resistant package. Available in 20W, 30W, 50W, 80W, 100W, 150W and 200W models with a wide 120° beam angle.

Ideal for general purpose lighting in commercial and industrial environments including parking lots, building sites, security lighting, sporting fields, signage and more. LFL-B series floods feature a slim, lightweight design with a U-shape adjustable bracket, making them easy to mount. Each light sports a powder coated, IP65 rated, aluminium body and heatsink for excellent thermal conductivity; a tempered glass front for superior light transmittance; and UV resistant ASA plastic bolt caps.

- High luminous efficacy LED flood lighting (150lm/W)
- Available in 3000K warm & 5000K cool white colour temp.
- Wide 120° beam angle, ideal for general purpose lighting
- High performance Lumiled LEDs & Mean Well driver
- IP65 weather resistant, suitable for outdoor applications
- 180° adjustable two-point fastened mounting bracket

Series Specifications

Model	LFL-B20-2	LFL-B30-2	LFL-B50-2	LFL-B80-2	LFL-B100-2	LFL-B150-2	LFL-B200-2																																												
Product Image																																																			
Series Name	LFL-B2 Series Commercial LED Flood Lights																																																		
Optical																																																			
Luminous Flux	3000lm	4500lm	7500lm	12000lm	15000lm	22500lm	30000lm																																												
Luminous Efficacy	150lm/W																																																		
Colour Temperature	3000K / 5000K																																																		
Colour Rendering Index	> 70																																																		
Beam Angle	120°																																																		
Light Decay	<3% at 6,000 hours																																																		
Rated Lifespan	50,000 hours																																																		
Electrical																																																			
Power Consumption	20W	30W	50W	80W	100W	150W	200W																																												
Input Voltage	100 ~ 240VAC																																																		
Dimmable	N/A																																																		
General																																																			
Ingress Protection	IP65																																																		
Plug / Socket / Base	3-pin AC plug																																																		
Reflector / Diffuser	Aluminium reflector / glass front																																																		
Housing Adjustments	180° adjustable housing																																																		
Operating Environment	-30° ~ 50°C																																																		
Dimensions	216 x 152 x 40mm	226 x 167 x 40mm	310 x 220 x 50mm	354 x 245 x 55mm	402 x 295 x 60mm	430 x 330 x 60mm	470 x 360 x 60mm																																												
Weight	0.78kg	1.10kg	2.10kg	3.70kg	4.70kg	N/A	7.12kg																																												
Photometry																																																			
Illuminance at a Distance	 <p>Centre Beam Avg (lx) Beam Diameter (m)</p> <table border="1"> <tr><td>5m</td><td>39</td><td>13.22</td></tr> <tr><td>10m</td><td>10</td><td>26.44</td></tr> <tr><td>15m</td><td>4</td><td>39.66</td></tr> <tr><td>20m</td><td>2</td><td>52.88</td></tr> <tr><td>25m</td><td>1</td><td>66.11</td></tr> </table> <p>LFL-B50-C2 (50W, cool white)</p>		5m	39	13.22	10m	10	26.44	15m	4	39.66	20m	2	52.88	25m	1	66.11	 <p>Centre Beam Avg (lx) Beam Diameter (m)</p> <table border="1"> <tr><td>5m</td><td>82</td><td>13.28</td></tr> <tr><td>10m</td><td>20</td><td>26.56</td></tr> <tr><td>15m</td><td>9</td><td>39.84</td></tr> <tr><td>20m</td><td>5</td><td>53.12</td></tr> <tr><td>25m</td><td>3</td><td>66.40</td></tr> </table> <p>LFL-B100-C2 (100W, cool white)</p>		5m	82	13.28	10m	20	26.56	15m	9	39.84	20m	5	53.12	25m	3	66.40	 <p>Centre Beam Avg (lx) Beam Diameter (m)</p> <table border="1"> <tr><td>10m</td><td>41</td><td>27.19</td></tr> <tr><td>20m</td><td>10</td><td>54.39</td></tr> <tr><td>30m</td><td>5</td><td>81.59</td></tr> <tr><td>40m</td><td>3</td><td>108.87</td></tr> <tr><td>50m</td><td>2</td><td>135.98</td></tr> </table> <p>LFL-B200-C (200W, cool white)</p>		10m	41	27.19	20m	10	54.39	30m	5	81.59	40m	3	108.87	50m	2	135.98
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Luminous Light Distribution	 <p>Units: cd</p> <p>LFL-B50-C2 (50W, cool white)</p>		 <p>Units: cd</p> <p>LFL-B100-C2 (100W, cool white)</p>		 <p>Units: cd</p> <p>LFL-B200-C (200W, cool white)</p>																																														

Ordering Information

Type	Series	Wattage	Colour Temperature	Series
LFL	- B	20 ~ 200 (20W ~ 200W)	- C (Cool white) W (Warm white*)	2 Series 2
LFL-B100-C2: 100W LED Flood Light in Cool White				

* Warm white colour temp. available in 20W/30W/50W models only