



## Commercial LED Flood Light Series

LFL-B series: Available in 20W, 30W, 50W, 70W, 100W, 150W and 200W models

The ENSA™ LFL-B series of high-power LED flood lights delivers exceptional lighting performance in a robust, weather resistant package. Available in 20W, 30W, 50W, 70W, 100W, 150W and 200W models with a wide 100° beam angle. The LFL-B series flood lights are ideal for general purpose lighting in commercial and industrial environments including parking lots, building sites, security lighting, sporting fields, signage illumination 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 (110lm/W)
- Available in 3000K warm white and 5000K cool white
- IP65 weather resistant, suitable for outdoor applications
- Wide 100° beam angle, ideal for general purpose lighting
- Efficient replacement for halogen and metal-halide floods
- 180° adjustable two-point fastened mounting bracket

## Series Specifications

Model	LFL-B20	LFL-B30	LFL-B50	LFL-B70	LFL-B100	LFL-B150	LFL-B200																																			
Product Image																																										
Series Name	LFL-B Series Commercial LED Flood Lights																																									
<b>Optical</b>																																										
Luminous Flux	2200 lm	3300 lm	5500 lm	7700 lm	11000 lm	16500 lm	22000 lm																																			
Luminous Efficacy	110lm/W	110lm/W	110lm/W	110lm/W	110lm/W	110lm/W	110lm/W																																			
Colour Temperature	3000K / 5000K																																									
Colour Rendering Index	> 80																																									
Beam Angle	100°																																									
Light Decay	<15% at 20,000 hours																																									
Rated Lifespan	50,000 hours																																									
<b>Electrical</b>																																										
Power Consumption	20W	30W	50W	70W	100W	150W	200W																																			
Input Voltage	100 ~ 240VAC																																									
Dimmable	N/A																																									
<b>General</b>																																										
Ingress Protection	IP65																																									
Plug / Socket / Base	3-pin AC plug																																									
Reflector / Diffuser	Aluminium reflector / glass front																																									
Housing Adjustments	180° adjustable housing																																									
Operating Environment	-20° ~ 50°C																																									
Dimensions	216 x 152 x 40mm	226 x 167 x 40mm	310 x 220 x 50mm	355 x 245 x 55mm	402 x 295 x 60mm	430 x 330 x 60mm	470 x 360 x 60mm																																			
Weight	0.78kg	1.10kg	1.70kg	2.75kg	3.90kg	5.10kg	6.30kg																																			
Equivalent Wattage	60W halogen	90W halogen	150W halogen	125W metal-halide	175W metal-halide	250W metal-halide	325W metal-halide																																			
<b>Photometry</b>																																										
Illuminance at a Distance	<table border="1"> <thead> <tr> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>671</td><td>2.79</td></tr> <tr><td>168</td><td>5.58</td></tr> <tr><td>75</td><td>8.37</td></tr> <tr><td>42</td><td>11.17</td></tr> <tr><td>27</td><td>13.96</td></tr> </tbody> </table>		Centre Beam Avg (lx)	Beam Diameter (m)	671	2.79	168	5.58	75	8.37	42	11.17	27	13.96	<table border="1"> <thead> <tr> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1345</td><td>2.75</td></tr> <tr><td>336</td><td>5.49</td></tr> <tr><td>150</td><td>8.24</td></tr> <tr><td>84</td><td>10.99</td></tr> <tr><td>54</td><td>13.73</td></tr> </tbody> </table>		Centre Beam Avg (lx)	Beam Diameter (m)	1345	2.75	336	5.49	150	8.24	84	10.99	54	13.73	<table border="1"> <thead> <tr> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>2469</td><td>2.87</td></tr> <tr><td>617</td><td>5.73</td></tr> <tr><td>274</td><td>8.60</td></tr> <tr><td>154</td><td>11.47</td></tr> <tr><td>99</td><td>14.33</td></tr> </tbody> </table>		Centre Beam Avg (lx)	Beam Diameter (m)	2469	2.87	617	5.73	274	8.60	154	11.47	99	14.33
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## Ordering Information

Type	Series	Wattage	Colour Temperature		
LFL	-	B	20 ~ 200 (20W ~ 200W)	-	C (Cool white) W (Warm white)
LFL-B150-C: 150W LED Flood Light in Cool White					