

Professional LED Flood Lighting



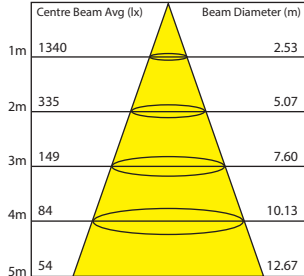
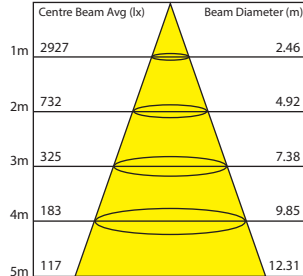
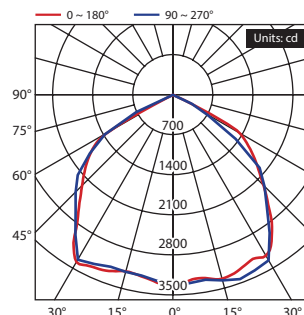
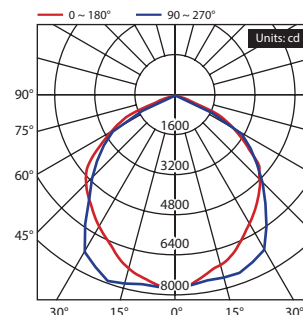
LFL-A series: Available in 100W and 200W models in two colour temperatures

The ENSA™ LFL-A series of high-power LED flood lights delivers exceptional lighting performance in a robust, weather resistant package. Available in 100W and 200W models with a wide 140° beam angle, LFL-A 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.

Each light features a finned, high thermal conductivity aluminium heatsink and UV stabilised plastic construction. Lights include a two-point fastened adjustable mounting bracket, tempered glass front and IP65 weather resistant housing.

- High luminous efficacy LED flood lighting (95lm/W).
- Available in cool white colour temperature (5000K).
- IP65 weather resistant, suitable for outdoor applications.
- Wide 140° beam angle, ideal for general purpose lighting.
- Efficient replacement for metal-halide and HPS lamps.
- 180° adjustable two-point fastened mounting bracket.

Series Specifications

Model	LFL-A100	LFL-A200																																				
Product Image																																						
Series Name	LFL-A Series Professional LED Flood Lights																																					
Optical																																						
Luminous Flux	9500lm	19000lm																																				
Luminous Efficacy	95lm/W																																					
Colour Temperature	5000K																																					
Colour Rendering Index	>72																																					
Beam Angle	140°																																					
Light Decay	< 15% at 30,000 hours																																					
Rated Lifespan	50,000 hours																																					
Electrical																																						
Power Consumption	100W	200W																																				
Input Voltage	100 ~ 265VAC																																					
Power Factor	> 0.9																																					
Dimmable	N/A																																					
General																																						
Ingress Protection	IP65																																					
Plug / Socket / Base	3-pin AC plug																																					
Reflector / Diffuser	Aluminium reflector / Tempered glass front																																					
Housing Adjustments	180° adjustable 2-point fastened bracket																																					
Operating Environment	-20° ~ 40°C																																					
Dimensions	395 x 345 x 240mm	470 x 420 x 260mm																																				
Equivalent Wattage	175W metal-halide	350W metal-halide																																				
Photometry																																						
Illuminance at a Distance	 <table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1m</td><td>1340</td><td>2.53</td></tr> <tr><td>2m</td><td>335</td><td>5.07</td></tr> <tr><td>3m</td><td>149</td><td>7.60</td></tr> <tr><td>4m</td><td>84</td><td>10.13</td></tr> <tr><td>5m</td><td>54</td><td>12.67</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	1340	2.53	2m	335	5.07	3m	149	7.60	4m	84	10.13	5m	54	12.67	 <table border="1"> <thead> <tr> <th>Distance (m)</th> <th>Centre Beam Avg (lx)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1m</td><td>2927</td><td>2.46</td></tr> <tr><td>2m</td><td>732</td><td>4.92</td></tr> <tr><td>3m</td><td>325</td><td>7.38</td></tr> <tr><td>4m</td><td>183</td><td>9.85</td></tr> <tr><td>5m</td><td>117</td><td>12.31</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	2927	2.46	2m	732	4.92	3m	325	7.38	4m	183	9.85	5m	117	12.31
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Luminous Light Distribution	 <p>Units: cd</p>	 <p>Units: cd</p>																																				

Ordering Information

Type	Series	Wattage	Colour Temperature
LFL	-	A	100 (100W) 200 (200W)
			-
			CW (Cool white)
LFL-A200-CW: 200W LED Flood Light in Cool White			