



## Driver-on-board LED Flood Lighting

LFL-H Series: Lightweight LED floods in 50W, 100W, 150W & 200W models





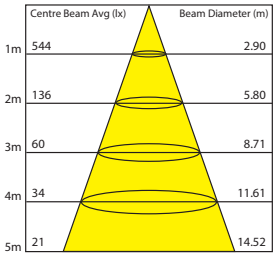
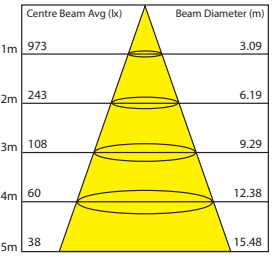
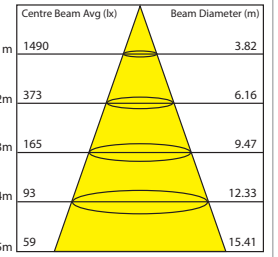
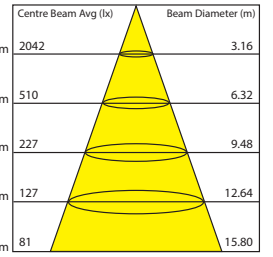
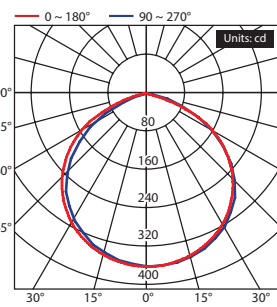
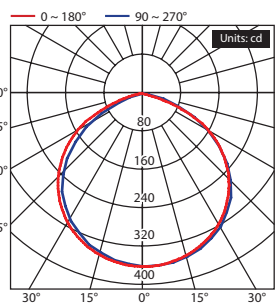
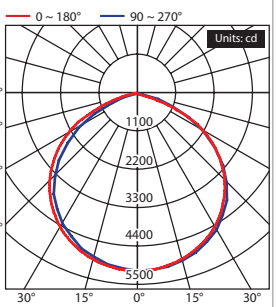
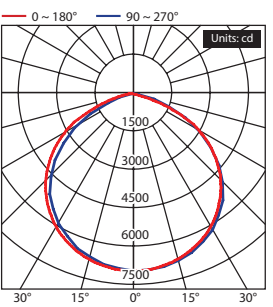
The LFL-H Series of driver-on-board LED flood lights delivers high quality, affordable & efficient lighting performance in a robust, weather resistant package. The driver-on-board design of the LFL-H Series means the chassis is lightweight and compact for easy installation. Each flood also has a simple U-shape adjustable bracket for wall mounting.

LFL-H Series LED flood lights are ideal for general purpose or security lighting in residential & commercial applications.

- 80lm/W luminous efficacy, 6000K cool white colour temp.
- Wide 120° beam angle, ideal for general purpose lighting
- Lightweight aluminium chassis with adjustable U-bracket
- IP65 rated weather resistance for outdoor use
- Long lifespan LED lighting: rated for up to 35,000 hours
- Integrated, on-board LED driver for streamlined installation

Contact your local supplier for full warranty details.

## Series Specifications

Model	LFL-H50-C	LFL-H100-C	LFL-H150-C	LFL-H200-C																																																																							
Product Image																																																																											
Series Name	LFL-H Series Flood Lights																																																																										
<b>Optical</b>																																																																											
Light Output	4000lm	8000lm	12000lm	16000lm																																																																							
Luminous Efficacy	80lm/W																																																																										
Colour Temperature	6000K																																																																										
Colour Rendering Index	>80																																																																										
Beam Angle	120°																																																																										
Light Decay	-																																																																										
Rated Lifespan	35,000 hours																																																																										
<b>Electrical</b>																																																																											
Power Consumption	50W	100W	150W	200W																																																																							
Input Voltage	220 ~ 240VAC																																																																										
Power Factor	>0.9																																																																										
Dimmable	N/A																																																																										
<b>Detection</b>																																																																											
Motion Detection	N/A																																																																										
On-Time Delay	N/A																																																																										
Standby Light Modes	N/A																																																																										
<b>General</b>																																																																											
Ingress Protection	IP65																																																																										
Plug / Socket / Base	Unterminated (H05RN-F 3G0,75mm <sup>2</sup> )																																																																										
Reflector / Diffuser	Aluminium reflector																																																																										
Housing Adjustments	U-bracket																																																																										
Housing Construction	Aluminium																																																																										
Operating Environment	-25° ~ 50°C																																																																										
Dimensions	206 x 160 x 30mm	270 x 210 x 30mm	330 x 250 x 32mm	370 x 270 x 32mm																																																																							
<b>Photometry</b>																																																																											
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>544</td><td>2.90</td></tr> <tr><td>2m</td><td>136</td><td>5.80</td></tr> <tr><td>3m</td><td>60</td><td>8.71</td></tr> <tr><td>4m</td><td>34</td><td>11.61</td></tr> <tr><td>5m</td><td>21</td><td>14.52</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	544	2.90	2m	136	5.80	3m	60	8.71	4m	34	11.61	5m	21	14.52	<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>973</td><td>3.09</td></tr> <tr><td>2m</td><td>243</td><td>6.19</td></tr> <tr><td>3m</td><td>108</td><td>9.29</td></tr> <tr><td>4m</td><td>60</td><td>12.38</td></tr> <tr><td>5m</td><td>38</td><td>15.48</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	973	3.09	2m	243	6.19	3m	108	9.29	4m	60	12.38	5m	38	15.48	<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>1490</td><td>3.82</td></tr> <tr><td>2m</td><td>373</td><td>6.16</td></tr> <tr><td>3m</td><td>165</td><td>9.47</td></tr> <tr><td>4m</td><td>93</td><td>12.33</td></tr> <tr><td>5m</td><td>59</td><td>15.41</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	1m	1490	3.82	2m	373	6.16	3m	165	9.47	4m	93	12.33	5m	59	15.41	<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>10m</td><td>2042</td><td>3.16</td></tr> <tr><td>20m</td><td>510</td><td>6.32</td></tr> <tr><td>30m</td><td>227</td><td>9.48</td></tr> <tr><td>40m</td><td>127</td><td>12.64</td></tr> <tr><td>50m</td><td>81</td><td>15.80</td></tr> </tbody> </table>	Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)	10m	2042	3.16	20m	510	6.32	30m	227	9.48	40m	127	12.64	50m	81
Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)																																																																									
1m	544	2.90																																																																									
2m	136	5.80																																																																									
3m	60	8.71																																																																									
4m	34	11.61																																																																									
5m	21	14.52																																																																									
Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)																																																																									
1m	973	3.09																																																																									
2m	243	6.19																																																																									
3m	108	9.29																																																																									
4m	60	12.38																																																																									
5m	38	15.48																																																																									
Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)																																																																									
1m	1490	3.82																																																																									
2m	373	6.16																																																																									
3m	165	9.47																																																																									
4m	93	12.33																																																																									
5m	59	15.41																																																																									
Distance (m)	Centre Beam Avg (lx)	Beam Diameter (m)																																																																									
10m	2042	3.16																																																																									
20m	510	6.32																																																																									
30m	227	9.48																																																																									
40m	127	12.64																																																																									
50m	81	15.80																																																																									
Luminous Light Distribution																																																																											
	<table border="1"> <thead> <tr> <th>Beam Angle</th> <th>0 ~ 180°</th> <th>90 ~ 270°</th> </tr> </thead> <tbody> <tr><td>90°</td><td>80</td><td>80</td></tr> <tr><td>75°</td><td>160</td><td>160</td></tr> <tr><td>60°</td><td>240</td><td>240</td></tr> <tr><td>45°</td><td>320</td><td>320</td></tr> <tr><td>30°</td><td>400</td><td>400</td></tr> </tbody> </table>	Beam Angle	0 ~ 180°	90 ~ 270°	90°	80	80	75°	160	160	60°	240	240	45°	320	320	30°	400	400	<table border="1"> <thead> <tr> <th>Beam Angle</th> <th>0 ~ 180°</th> <th>90 ~ 270°</th> </tr> </thead> <tbody> <tr><td>90°</td><td>80</td><td>80</td></tr> <tr><td>75°</td><td>160</td><td>160</td></tr> <tr><td>60°</td><td>240</td><td>240</td></tr> <tr><td>45°</td><td>320</td><td>320</td></tr> <tr><td>30°</td><td>400</td><td>400</td></tr> </tbody> </table>	Beam Angle	0 ~ 180°	90 ~ 270°	90°	80	80	75°	160	160	60°	240	240	45°	320	320	30°	400	400	<table border="1"> <thead> <tr> <th>Beam Angle</th> <th>0 ~ 180°</th> <th>90 ~ 270°</th> </tr> </thead> <tbody> <tr><td>90°</td><td>1100</td><td>1100</td></tr> <tr><td>75°</td><td>2200</td><td>2200</td></tr> <tr><td>60°</td><td>3300</td><td>3300</td></tr> <tr><td>45°</td><td>4400</td><td>4400</td></tr> <tr><td>30°</td><td>5500</td><td>5500</td></tr> </tbody> </table>	Beam Angle	0 ~ 180°	90 ~ 270°	90°	1100	1100	75°	2200	2200	60°	3300	3300	45°	4400	4400	30°	5500	5500	<table border="1"> <thead> <tr> <th>Beam Angle</th> <th>0 ~ 180°</th> <th>90 ~ 270°</th> </tr> </thead> <tbody> <tr><td>90°</td><td>1500</td><td>1500</td></tr> <tr><td>75°</td><td>3000</td><td>3000</td></tr> <tr><td>60°</td><td>4500</td><td>4500</td></tr> <tr><td>45°</td><td>6000</td><td>6000</td></tr> <tr><td>30°</td><td>7500</td><td>7500</td></tr> </tbody> </table>	Beam Angle	0 ~ 180°	90 ~ 270°	90°	1500	1500	75°	3000	3000	60°	4500	4500	45°	6000	6000	30°	7500
Beam Angle	0 ~ 180°	90 ~ 270°																																																																									
90°	80	80																																																																									
75°	160	160																																																																									
60°	240	240																																																																									
45°	320	320																																																																									
30°	400	400																																																																									
Beam Angle	0 ~ 180°	90 ~ 270°																																																																									
90°	80	80																																																																									
75°	160	160																																																																									
60°	240	240																																																																									
45°	320	320																																																																									
30°	400	400																																																																									
Beam Angle	0 ~ 180°	90 ~ 270°																																																																									
90°	1100	1100																																																																									
75°	2200	2200																																																																									
60°	3300	3300																																																																									
45°	4400	4400																																																																									
30°	5500	5500																																																																									
Beam Angle	0 ~ 180°	90 ~ 270°																																																																									
90°	1500	1500																																																																									
75°	3000	3000																																																																									
60°	4500	4500																																																																									
45°	6000	6000																																																																									
30°	7500	7500																																																																									

## Ordering Information

Type	Series	Wattage	Colour Temperature
LFL	-	H	C (Cool white)
		50 (50W)	
		100 (100W)	
		150 (150W)	
		200 (200W)	
LFL-H50-C: 50W Flood Light in Cool White			