

 This luminaire contains built-in LED lamps.

A++
A+
A
B
C
D
E

LED

The lamps cannot be changed in the luminaire.

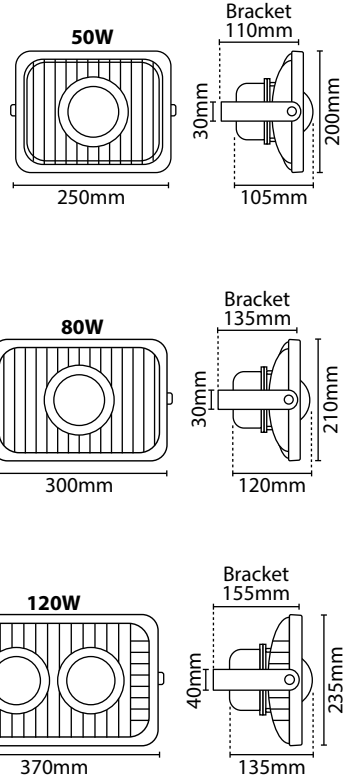
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50W / 80W / 120W LED FLOODLIGHTS

- High Power COB LED Chip: which is better suited to these higher power ratings, where the large physical size of the housing and chip array maximises performance available from this chip technology
 - 4000K colour temperature: bright light without the harsh effect of higher colour temperature products
 - Die cast aluminium construction
 - Pre-wired with 80cm of cable
 - IES file available
-
- **50W:** M.O.M: 1 / O.P.Q: 4
 - **80W:** M.O.M: 1 / O.P.Q: 6
 - **120W:** M.O.M: 1 / O.P.Q: 4

Code	Colour	Wattage	Colour Temp.	Luminaire Lumens	Avg. Rated Life (Hrs)	IP Rating	Energy Rating
FLOOD50	Black	50W	4000K	3500 lm	25,000 hrs	IP65	A
FLOOD80	Black	80W	4000K	6500 lm	25,000 hrs	IP65	A
FLOOD120	Black	120W	4000K	8600 lm	25,000 hrs	IP65	A



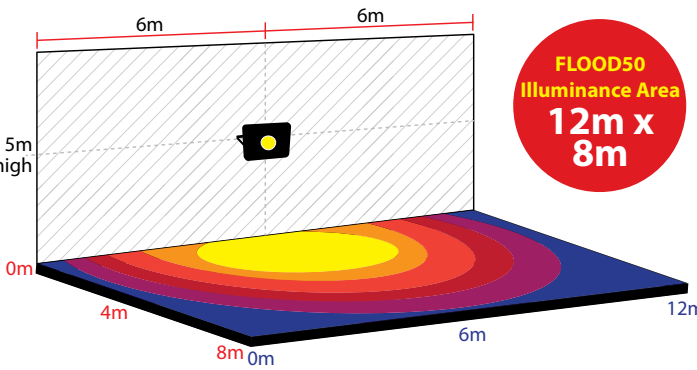
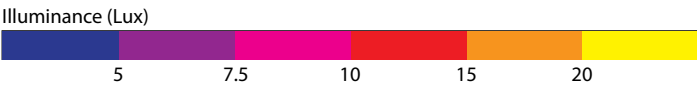
LAMP SPECIFICATIONS:	50W	80W	120W
Luminaire lumens (with glass diffuser)	3500 lm	6500 lm	8600 lm
Lumens from chip (no diffuser)	3800 lm	6800 lm	9500 lm
Useful lumens	3260 lm	6100 lm	8100 lm
Rated Wattage	50W	80W	120W
Rated luminous flux	3260 lm	6100 lm	8100 lm
Nominal life time of the lamp	25,000 hrs	25,000 hrs	25,000 hrs
Colour temperature	4000K	4000K	4000K
Number of switching cycles before premature lamp failure	≥12,500	≥12,500	12,500
Warm-up time up to 60 % of the full light output	Instant full light	Instant full light	Instant full light
Dimmable	No	No	No
LED dimensions (W/H)	34 x 23mm	34 x 23mm	26 x 26mm
Nominal beam angle	120°	120°	120°
Rated power	50W	80W	120W
Rated lamp lifetime	25,000 hrs	25,000 hrs	25,000 hrs
Lamp power factor	>0.9	>0.9	>0.9
Lumen maintenance factor at end of nominal life	<70%	70%	70%
Starting time	<0.5s	<0.5s	<0.5s
Colour rendering	>70	>70	>70
Colour consistency	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse	Within a six step Macadam ellipse
Rated peak intensity	1170cd	1971cd	2520cd
Rated beam angle	120°	120°	120°
Voltage / Frequency	240V~50Hz	240V~50Hz	240V~50Hz
Not suitable for accent lighting			

FLOOD50 Illuminance Area

EXAMPLE FOR MEDIUM TRAFFIC PARKING AREAS

>=10 LUX AVERAGE

Office buildings • Plants • Sports & Multipurpose Building Complexes



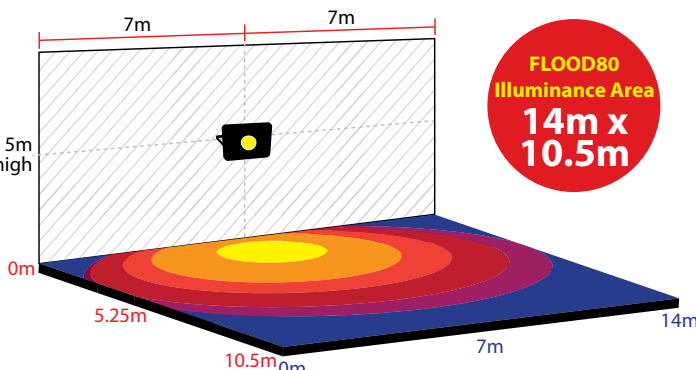
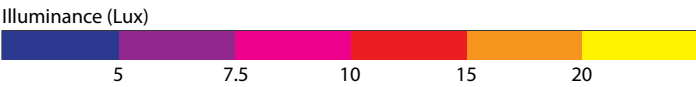
Based On Maintenance Factor 0.8 / Floodlight Angle: 63°

FLOOD80 Illuminance Area

EXAMPLE FOR MEDIUM TRAFFIC PARKING AREAS

>=10 LUX AVERAGE

Office buildings • Plants • Sports & Multipurpose Building Complexes



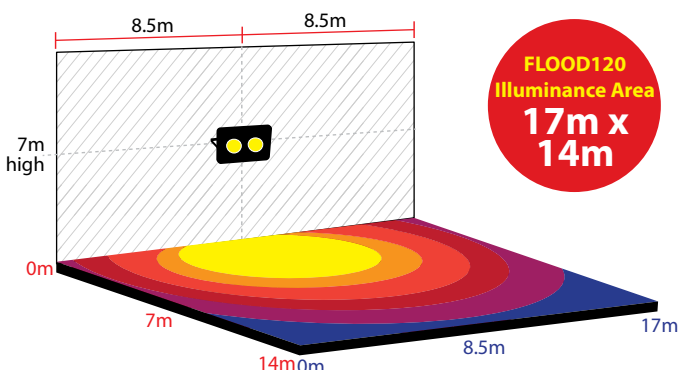
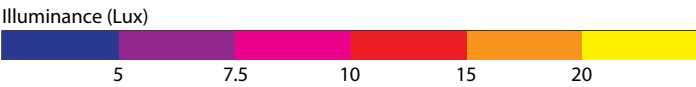
Based On Maintenance Factor 0.8 / Floodlight Angle: 63°

FLOOD120 Illuminance Area

EXAMPLE FOR MEDIUM TRAFFIC PARKING AREAS

>=10 LUX AVERAGE

Office buildings • Plants • Sports & Multipurpose Building Complexes



Based On Maintenance Factor 0.8 / Floodlight Angle: 63°