

General characteristics

Family name	Plati
Luminaire type	LED Floodlight
Integrated driver	Yes
LED chips manufacturer	Epistar
Installation options	On surface
Inteligent control	None
Certificates	CE, RoHS
Warranty	2 years
Materials	Aluminum

Light technical characteristic

Luminaire luminous flux	from 750lm to 22500lm
Luminous efficacy	75 - 80lm/W
Color temperature	3000, 6000K
CRI	>70
Beam angle	120°
Color consistency	<6SDCM

Electrical characteristics

Wattage	10 - 300W
Voltage	230V
Voltage frequency	50-60Hz
Power factor	>0,9
Energy efficiency label	A+

Operating characteristics

Lifetime	25 000h
Switching cycle	>15 000
LLMF	>0,7
IP	65
Warm up time	negligible
Starting time	<0,5s
Working temperature	from -10° to 40°C
Storgage temperature	from -20° to 60°C

Rated parameters

Rated power	10 - 300W
Rated luminous flux	from 750lm to 22500lm
Rated lifetime	25 000h
Rated luminous intensity	498cd
Rated beam angle	120°

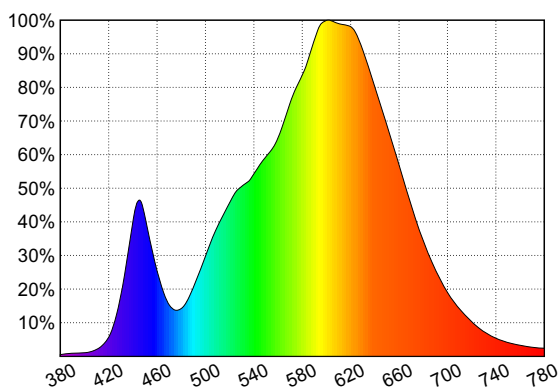


index	power	luminous flux	lighting angle	color temperature	CRI	IP	weight net	dimensions	packaging dimensions
LFL101	10W	800lm	120°	6000K	>70	65	0,376kg	L115xW108xH26mm	L125xW100xH55mm
LFL102	10W	750lm	120°	3000K	>70	65	0,376kg	L115xW108xH26mm	L125xW100xH55mm
LFL103	20W	1500lm	120°	6000K	>70	65	0,709kg	L153xW132xH27mm	L158xW115xH55mm
LFL104	20W	1400lm	120°	3000K	>70	65	0,709kg	L153xW132xH27mm	L158xW115xH55mm
LFL105	30W	2500lm	120°	6000K	>70	65	0,964kg	L178xW152xH28mm	L190xW140xH50mm
LFL106	30W	2400lm	120°	3000K	>70	65	0,964kg	L178xW152xH28mm	L190xW140xH50mm
LFL107	50W	4500lm	120°	6000K	>70	65	1,233kg	L223xW188xH28mm	L230xW175xH52mm
LFL108	50W	4000lm	120°	3000K	>70	65	1,233kg	L223xW188xH28mm	L230xW175xH52mm
LFL109	100W	8000lm	120°	6000K	>70	65	1,990kg	L291xW240xH30mm	L305xW225xH55mm
LFL111	150W	12000lm	120°	6000K	>70	65	4,176kg	L411xW313xH50mm	L415xW325xH55mm
LFL113	200W	15000lm	120°	6000K	>70	65	4,720kg	L439xW346xH56mm	L444xW251xH61mm
LFL115	250W	18500lm	120°	6000K	>70	65	6,320kg	L484xW381xH56mm	L489xW386xH61mm
LFL117	300W	22500lm	120°	6000K	>70	65	7,600kg	L520xW415xH55mm	L534xW420xH60mm

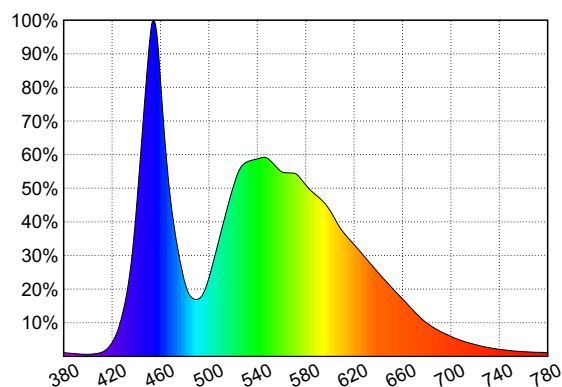
*w compared to luminaires with CFL lamps

No accent lighting.

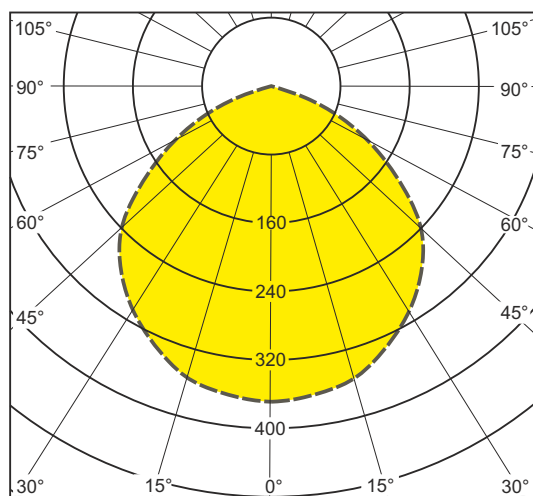
Spectrum for CCT: 3000K



Spectrum for CCT: 6000K



Photometric solid



(cd/1000lm)

----- C0 - C180