GUARDIAN PRO FLOODLIGHT



Product Features

- Horizontal mounting floodlight
- Maintenance free
- Pre-wired 1m of H05RN-F rubber cable
- “Fit and tilt” bracket for simple installation
- Tilt adjustment locks

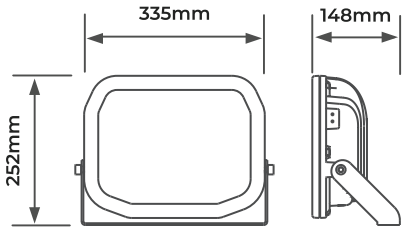
IP65 Rating | 70K Hours | 4000K NEUTRAL WHITE | 63x120° Beam Angle | GREY FINISH RAL7016 | 7 YEAR Warranty

CAT NO.	DRIVER	LUMINAIRE LUMENS	WATTAGE	EFFICACY Llm/cW	PROJECTED AREA
LFP50B140F	Standard	6800	50W	136	0.038m2
LFPL50B140F	Integrated Photocell	6800	50W	136	0.038m2
LFP100B140F	Standard	12500	100W	125	0.052m2
LFPL100B140F	Integrated Photocell	12500	100W	125	0.052m2
LFP150B140F	Standard	19200	150W	128	0.052m2
LFPL150B140F	Integrated Photocell	19200	150W	128	0.052m2
LFP200B140F	Standard	26000	200W	130	0.065m2
LFPL200B140F	Integrated Photocell	26000	200W	130	0.065m2
LFP245B140F	Standard	30000	245W	122	0.065m2
LFPL245B140F	Integrated Photocell	30000	245W	122	0.065m2

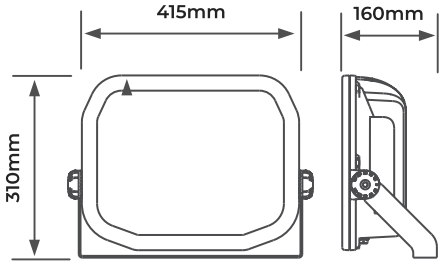
Note:

All figures are suggestions and it is recommended to have a full lighting design prepared to validate

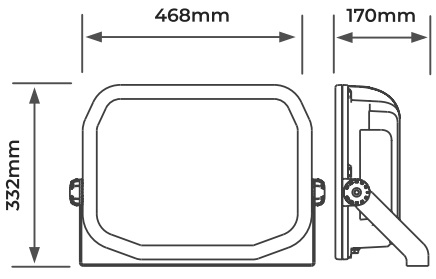
Product Drawings



LFP50/LFPL50



LFP100/LFPL100/LFP150/LFPL150



LFP200/LFPL200/LFP245/LFPL245

Specification Sheet

CAT NO.	WEIGHT (kg)	CRI	INPUT VOLTAGE	L FIXING CENTRES (MM)	W FIXING CENTRES (MM)	IK RATING	TEMP RANGE (°C)	AMBIENT TEMP RATED LIFE (°C)	L/B RATED LIFE
LFP50B140F	4.7	>70	220-240V	170 - 190	200mm Central	IK08	-20 to +25	25	L80 / B10
LFP100B140F	7	>70	220-240V	170 - 190	200mm Central	IK08	-20 to +25	25	L80 / B10
LFP160B140F	7.4	>70	110-277V	170 - 190	200mm Central	IK08	-20 to +25	25	L80 / B10
LFP230B140F	9.3	>70	110-277V	190 - 210	200mm Central	IK08	-20 to +25	25	L80 / B10
LFP245B140F	9.3	>70	110-277V	190 - 210	200mm Central	IK08	-20 to +25	25	L80 / B10

LFP50B140F
Luminaire Performance

Light Output Ratio: **100%**

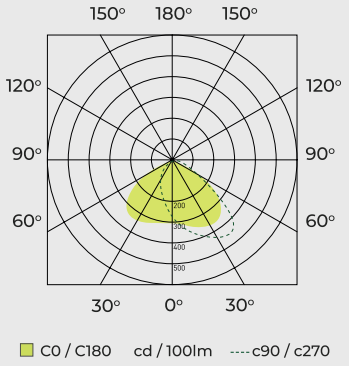
Luminaire Efficacy: **136Lm/W**

Light Distribution: **A40 ↓98.9% ↑1.1%**

CIE Flux Codes: **52 91 100 99 100**

UGR 4H 8H
(20%, 50%, 70%) C0 / C90:

Luminous Intensity



LFP100B140F
Luminaire Performance

Light Output Ratio: **100%**

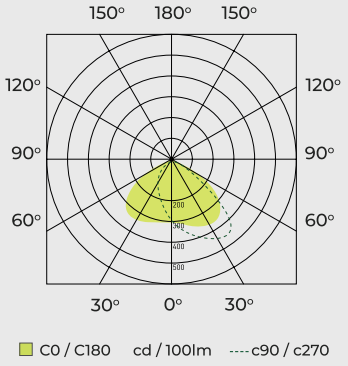
Luminaire Efficacy: **125Lm/W**

Light Distribution: **A40 ↓98.9% ↑1.1%**

CIE Flux Codes: **53 91 100 99 100**

UGR 4H 8H
(20%, 50%, 70%) C0 / C90:

Luminous Intensity



LFP150B140F
Luminaire Performance

Light Output Ratio: **100%**

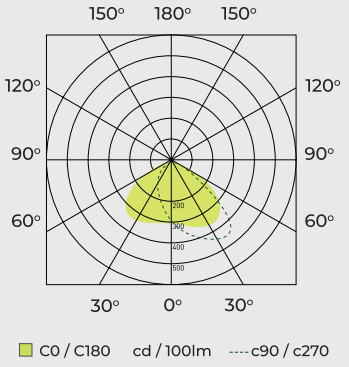
Luminaire Efficacy: **128Lm/W**

Light Distribution: **A40 ↓98.9% ↑1.1%**

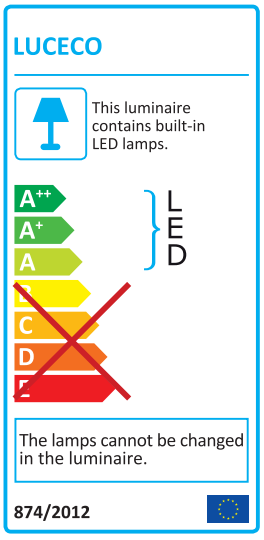
CIE Flux Codes: **52 91 100 99 100**

UGR 4H 8H
(20%, 50%, 70%) C0 / C90:

Luminous Intensity



STANDARD	DESCRIPTION
EN 60598-1	Luminaires – General requirements
EN 60598-2-5	Luminaires - Floodlights
EN 61347-1	Lamp controlgear - Part 1: General and safety requirements
EN 61347-2-13	Lamp controlgear - Part 2-13 : Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61547	Equipment for general lighting purposes – EMC immunity requirements
EN 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: Limits - for harmonic current emissions
EN 62471	Photobiological safety of lamps and lamp systems
2002/96/EC	Waste Electrical & Electronic Equipment (WEEE)
2011/65/EU	Restriction of the use of certain Hazardous Substances in EEE (RoHS)
(EC) No 1907/2006	The Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)



CE RoHS