

FALCON PRO 120W

EVOLVE
LIGHTING

PROFESSIONAL SERIES HIGH OUTPUT LED FLOODLIGHT



170lm/W
System Efficacy



7 Year
Warranty



IK10
Rated



IP67
Rated

- ✓ Ultra efficient system efficacy of up to 170lm/W
- ✓ Long lifetime of >102,000hrs to L70
- ✓ High quality Lumileds LED chips and Mean Well Driver
- ✓ Multiple beam angles available
- ✓ Tough IP67 and IK10 construction
- ✓ Suitable for coastal areas (with optional 316 stainless steel bracket)
- ✓ Durable Interpon Polyester coating



CODE

FALCONPRO-120-750

LIGHTING DATA

Light Source	Lumileds 5050
Lumen Output	20,400lm*
Luminaire Efficacy	170lm/W*
Lifetime @L70 (TM-21)	>102,000hrs
Lifetime @L80 (TM-21)	74,000hrs
Lifetime @L90 (TM-21)	36,000hrs
CCT	5000K (Further CCTs on request)
CRI	>70 (CRI80, CRI90 on request)
SDCM	<5
Beam Angle	30°, 60°, 90°, 85°x 135°, 60°x130°

DESIGN / CONSTRUCTION

Housing Material	Corrosion-resistant aluminium
Lens Material	Polycarbonate
Bracket Material	Hot-dip galvanised steel
Bracket Type	Straight
Powder Coat	Interpon Polyester
Colour	Graphite Black (RAL 9011) (White available on request)
Weight	4.5kg

ELECTRICAL DATA

Power Source	Mean Well HLG-120H-48A
System Wattage	120W
Mains Voltage	AC100-277V / 50-60 Hz
Power Factor	>0.95
THD	<10%
Inrush Current	60A
Surge Protection	10kV
Driver Lifetime	Up to 100,000hrs
Connection	1.2m 3 core cable
Dimmable Options	DALI, 1-10V

TECHNICAL DATA

IP Rating	IP67
IK Rating	IK10
Operating Temp	-30° to +45°C
Protection Class	Class 1
Certifications	SAA
Documentation	LM-79, LM-80, ISTMT, TM-21
Warranty	Standard 7 year warranty

* Achieved with 90° beam angle

FALCON PRO

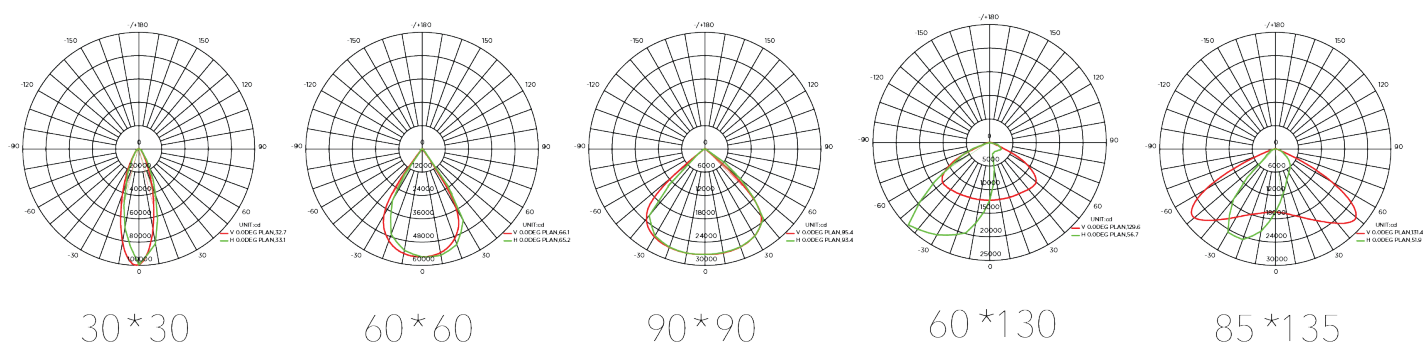
TECHNICAL DETAILS

EVOLVE
LIGHTING

IMAGES



PHOTOMETRIC DIAGRAMS



DIMENSIONS

