

430472-120

Technical Specification

Exterior

Frankly Plus Floodlight 100W 4000K Asymmetric Optic Black

IP66

5 YR
Warranty

4000K

80
CRI

50,000
Hours

ATG
E

120°



UK
CA

CE

Asymmetric optic , Supplied with 1.5m prewired H05RN-F cable , Angled bracket for ease of installation , 10kVA L/N-PE surge protection , Diecast Aluminium body , Breather valve to prevent condensation , Suitable for coastal areas



General Data

Technology	LED
Mounting options	Wall
Electrical Connector Type	Flying Lead
Install Options	Bracket Pole
Input Cable	1.5m H05RN-F 3-Core
Input Electrical Connection	Live Neutral Earth
General Application	Commercial Industrial
Operating Temperature Range °C	-20 - +45
Warranty (Years)	5

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Optical Data

LED Manufacturer / Type	Lumileds SMD3030
Fixture Luminous Flux (Lm)	13922
Luminaire Efficacy @4000K (lm/W)	135
LOR %	100
Colour Selectable	No
Beam Angle°	90 x 150
Optics	Type 2
Photobiological Risk Group	RG0

Light Source Data

Energy Class	E
Lm/W	135
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	80

430472-120

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Electrical Data

Wattage (W)	100
Total Power Consumption (W)	103.1
Mains voltage (V)	220 - 240
Lamp power factor	0.96
Electrical protection	Class I
Driver Output (V)	32-56
Driver Output Current (mA)	1960
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Sosen
Inrush Current (A)	70
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	10
Max. Luminaire per 10A C Breaker	8
Max. Luminaire per 13A C Breaker	10
Max. Luminaire per 16A C Breaker	14
Max. Luminaire per 20A C Breaker	18
Max. Luminaire per 10A B Breaker	6
Max. Luminaire per 13A B Breaker	9
Max. Luminaire per 16A B Breaker	11
Max. Luminaire per 20A B Breaker	15

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000
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430472-120

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Physical Data

Housing colour	Black RAL 9017
Body material	Diecast Aluminium
Driver Housing	Aluminium
IP Rating	66
IK Rating	8
Diffuser Material	Tempered Glass
Diffuser finish	Clear
Nominal Product Length (mm)	402
Nominal Product Width (mm)	377
Nominal Product Height (mm)	62
Weight (kg)	4.4

Standards and Approvals

Manufactured In Accordance To	EN 60598-1
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

