

Exterior

Frankly Plus Floodlight 100W 4000K Black IP66 ASY 50x125D P55D DD



Asymmetric optic , Supplied with 1.5m prewired H05RN-F cable , Angled bracket for ease of installation , 6kVA L/N-PE surge protection , Diecast Aluminium body , Breather valve to prevent condensation , Turn ON at<45Lux / Turn OFF at >180Lux



General Data

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

Optical Data

LED Manufacturer / Type	MTC 2835
Fixture Luminous Flux (Lm)	17753
Luminaire Efficacy @4000K (lm/W)	180
LOR %	100
Colour Selectable	No
Beam Angle°	50x125
Optics	Asymmetric
Photobiological Risk Group	RG0

Light Source Data

Energy Class	A
Lm/W	211
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	70

430976-DD

Technical Specification

Electrical Data

Wattage (W)	100
Total Power Consumption (W)	100
Mains voltage (V)	120-277
Lamp power factor	>95
Electrical protection	Class I
Driver Output (V)	100-240
Driver Output Current (mA)	465
Control Gear Type CC or CV	Constant Current
Dimmable	Yes
Driver Brand	Lifud
Inrush Current (A)	80
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	6

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	60000
Lifespan L80 B20 @25°C (Hrs)	60000
Lifespan L90 B10 @25°C (Hrs)	51000

Sensor Data

Sensor Technology	Photocell
Sensor Type	ON/OFF
Daylight Threshold	Turn ON at <45Lux / Turn OFF at >180Lux

430976-DD

Technical Specification

Physical Data

Housing colour	Black RAL9017
Driver Housing	Aluminium
IP Rating	66
IK Rating	8
Diffuser Material	Polycarbonate
Nominal Product Length (mm)	389.2
Nominal Product Width (mm)	317
Nominal Product Height (mm)	65
Weight (kg)	3.2

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

