

ECOBRIGHT

FLOODLIGHT



Description

The EcoBright Floodlight is engineered to deliver uniform illumination for a variety of outdoor and commercial applications. It is available in 50W and 100W variants, providing suitable options for both general and high-output lighting requirements. This fixture delivers a luminous efficacy of 100 lm/W, ensuring efficient light output with controlled energy usage. Its CRI>80 supports accurate color representation, which enhances visibility and overall lighting quality, and the IP65 rating protects the luminaire against dust and water. These features ensure reliable operation with an extended lifespan of 25,000 hrs @L70.

Product Benefits

Light Uniformity and Sight Advantage
Up to 80% Savings in Energy Cost
Bright, Robust, and Durable
Low Maintenance Cost

Application Areas

Underpass / Bridges
Industrial
Public Spaces and Parks
Urban Lighting

Product Data

General Information

Driver Included:	Yes
Lifespan:	25,000 hours @ L70
Warranty:	Up to 1 Year

Luminaire Performance

Power Consumption:	50W, 100W
Luminous Flux:	5,000 lm, 10,000 lm
Luminous Efficacy (rated):	100 lm/W ± 10%
Correlated Color Temperature:	3000K, 4000K, 6500K
Color Rendering Index (CRI):	>80
Beam Angle:	90°

Operating and Electrical

Input Voltage:	AC85-265V
Line Frequency:	50 or 60 Hz
Power Factor (Fraction):	>0.9
SPD:	Up to 4kV

Temperature

Operating Temperature:	-20°C – 45°C
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Controls and Dimming

Controls:	On/Off
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Mechanical and Housing

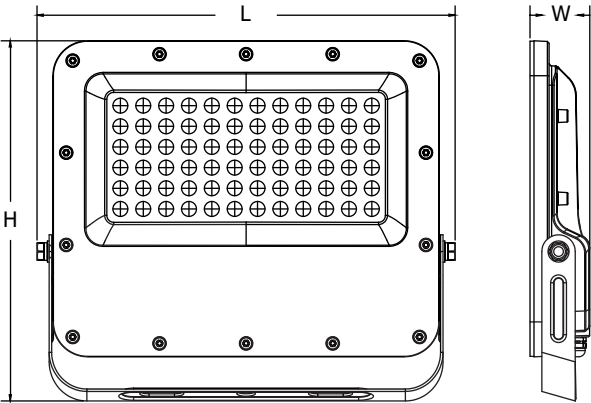
Housing Material:	Aluminium
Optical Cover Material:	Polycarbonate
Installation:	Bracket Mounted

Compliance and Certifications

Ingress Protection Code:	IP65
Impact Protection Code:	IK06
Protection Class IEC:	Safety Class I

Dimensions

Power Consumption:	50W	100W
LxWxH (mm):	238x34x205	302x34x248
Net Weight (kg):	0.608 ± 0.1	0.972 ± 0.1



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