



product_datasheet_title

ECO HP FLOOD 300W 857 VN 36600LM BK

ECO HIGH POWER FLOODLIGHT | Floodlight with rotational symmetric light distribution for high mast area lighting



technical_data

ELECTRICAL DATA

Nominal wattage	300.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Nominal current	1550.000 mA
Inrush current	80 A
Inrush current time T_{h50}	500 μ s
Max. number of luminaires per miniature circuit breaker B16	2
Max. number of luminaires per miniature circuit breaker C10	2
Max. number of luminaires per miniature circuit breaker C16	3
Power factor λ	> 0.95
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

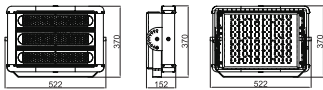
PHOTOMETRICAL DATA

Luminous flux	36600 lm
Luminous efficacy	122 lm/W
Color temperature	5700 K
Light color (designation)	Daylight
Color rendering index Ra	\geq 80
Standard deviation of color matching	< 5 sdc _m
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	30 °

ECO CLASS HP FLOODLIGHT
VERY NARROW

DIMENSIONS & WEIGHT

Length	522.00 mm
Width	370.00 mm
Height	152.00 mm
Product weight	10500.00 g
Cable length	1000 mm



HP FLOODLIGHT 300W

MATERIALS & COLORS

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

APPLICATION & MOUNTING

Ambient temperature range	-40...+45 °C
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Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	no
Mounting type	Surface
Mounting location	Ceiling
Application environment	Outdoor
Adjustable	Yes
LED module replaceable	Not replaceable
With light source	No

LIFESPAN

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Number of switching cycles	100000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)





CERTIFICATES & STANDARDS

Standards	CE / EAC / RoHS / REACH
Luminaire with limited surface temperature, "D sign"	No

ADDITIONAL PRODUCT DATA

Number of illuminants	-
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download_data

Documents and certificates		document_name
	User instruction	UI ECO HP FLOOD 300W BK
	Declarations Of Conformity CE	CE Declaration of Conformity ECO CLASS HP FLOODLIGHT
Photometric and lighting design files		document_name
	LDT file (Eulumdat)	ECOHPFLOOD 300W 857VN36600LM BK
	LDC typ polar	ECO CLASS HP FLOODLIGHT VERY NARROW

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075372474	Shipping box 1	597 mm x 442 mm x 225 mm	11623.00 g	59.37 dm ³

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disclaimer_title

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