

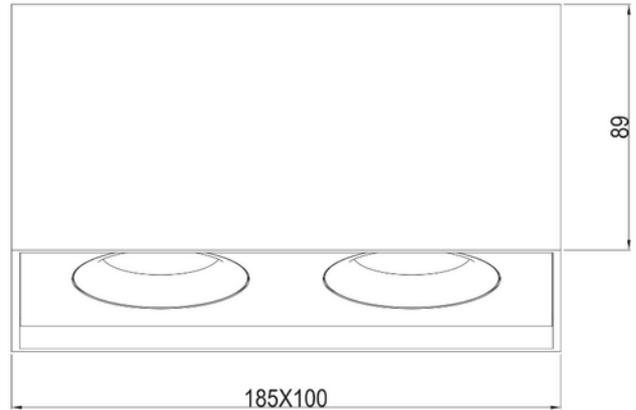


PRODUCT DATA SHEET

Tigrus 360° Surface Square Double 1100lm 13W 927 36° BK
Art.no: 31927-36-2



Lighting Solutions



Tigrus 360° Surface Square Double 1100lm 13W 927 36° BK



ELECTRICAL DATA	
Protection Class (system)	2
Dimming (system)	Phase-Cut
Voltage (system) [V]	230V 50Hz
Emergency light (h)	No Emergency light

TECHNICAL DATA	
IK (system)	IK02
IP (system)	IP44
IP Front/Back (system)	IP44/20
Outdoor	No
Operating temperature (°C)	-20 - 45

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PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	79
CRI / Ra (>=)	95
CCT (Color Temperature) (K)	2700
Color Code	927
Lightsource Type	LED (built in)
Socket / Cap-Base	N/A
Lens (Diffuser)	Clear
Lifetime (h)	L80: 100 000
MacAdam (SDCM)	3
UGR (<=)	23
Manufacturer (light source)	Sunpu
Manufacture Description (COB)	GP16-272F0305-1005VA
Forward Current LED (min-max) (mA)	200 - 450
Forward Voltage LED (max tp=25) (V)	17.5
Driftspenning LED (min tp=65) (V)	12.0

DRIVER	
Manufacturer (driver)	AcTEC
Protection Class (driver)	2
Standby power P _{sb} (W) <	0.5
Flicker metric (P _{st} LM) <	1.0
Stroboscopic effect metric (SVM) <	0.4
Max Output Voltage (V)	40
Dimming (driver)	Phase-Cut
Dimming Minimum Level (%)	1.0
Dimming Phasecut Type	Leading / Trailing edge
Dimming output type	Amplitude Modulation
IP (driver)	IP20
Expected Lifetime (driver) (h)	50000
Flicker-free	Yes
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	285 - 315
CC (forward voltage driver) (V)	20.0 - 40.0
CV (driver) [V]	36
Output Current Tolerance (%)	5.0

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DRIVER	
Current Ripple (%)	5.0
Max load pr circuit - B10	35
Max load pr circuit - B16	56
Max load pr circuit - C10	74
Max load pr circuit - C16	118
Max load pr circuit - C20	148
Max load pr circuit - C25	175
Max load pr circuit - C32	224
Leakage current (mA)	5.0
Inrush current time (µs)	300.0
Inrush current I _{max} (A)	5.0

DIMENSIONS	
Length (product) (mm)	185.0
Width (product) (mm)	100.0
Height (product) (mm)	89.0
Weight (product) (kg)	1.3

MATERIALS AND SURFACES	
Color	Black
RAL Code	RAL9005
Corrosion Class	C1
Housing Material	Aluminium
Diffuser Material	Aluminium

INSTALLATION AND CONNECTION	
Areas of use	Generally
Mounting	Recessed
Connection (system)	QuickConnect

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	F
CE mark	Yes
Energy Efficiency Class	A+



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