

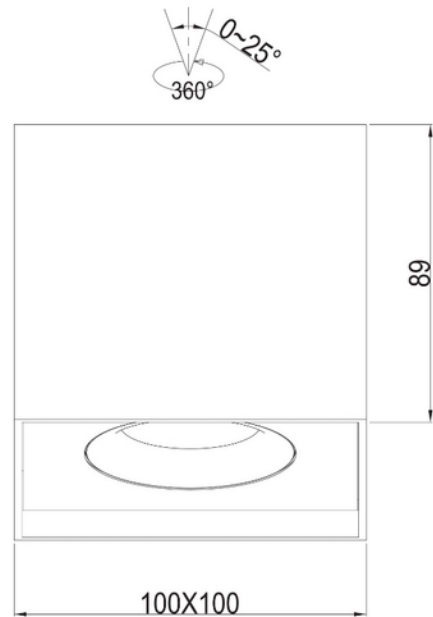
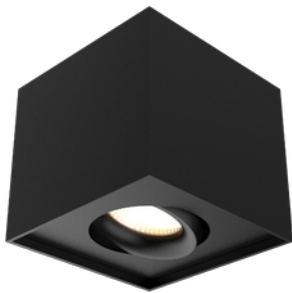


PRODUCT DATA SHEET

Tigrus 360° Surface Square 500lm 8W D2W 930-918 36° BK
Art.no: 30927-D2W-36-2



Lighting Solutions



Tigrus 360° Surface Square 500lm 8W D2W 930-918 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)	63
CRI / Ra (>=)	95
CCT (Color Temperature) (K)	1800-3000K TW
Preset CCT if switch(Color Temperature) (K)	1800-3000K TW
Color Code	930-918
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)	Bridgelux
Manufacture Description (COB)	BXRV-DR-1830H-1000-A-13
Forward Current LED (min-max) (mA)	350 - 420
Forward Voltage LED (max tp=25) (V)	18.8
Driftspenning LED (min tp=65) (V)	15.5

DRIVER	
Manufacturer (driver)	AcTEC
Protection Class (driver)	2
Standby power Psb (W) <	0.5
Flicker metric (Pst LM) <	1.0
Stroboscopic effect metric (SVM) <	0.4
Max Output Voltage (V)	26
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]	332 - 367
CC (forward voltage driver) (V)	13.0 - 26.0
CV (driver) [V]	15

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DRIVER	
Output Current Tolerance (%)	5.0
Current Ripple (%)	5.0
Max load pr circuit - B16	182
Max load pr circuit - C10	280
Max load pr circuit - C16	448
Max load pr circuit - C20	560
Max load pr circuit - C25	700
Max load pr circuit - C32	800
Leakage current (mA)	5.0
Inrush current time (µs)	100.0
Inrush current I _{max} (A)	5.0

DIMENSIONS	
Length (product) (mm)	100.0
Width (product) (mm)	100.0
Height (product) (mm)	89.0
Weight (product) (kg)	0.8666666666666667

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	G
CE mark	Yes
Energy Efficiency Class	A+



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