
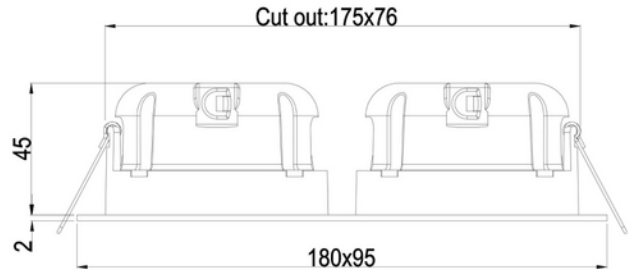


**PRODUCT DATA SHEET**

Tigrus 360° Square Double 1100lm 13W 927 36° BK Phasecut Iso  
 Art.no: 27927-36-2

*Lighting Solutions*
 175x76mm


## Tigrus 360° Square Double 1100lm 13W 927 36° BK Phasecut Iso



Tigrus Square Double 360° Rotatable can be mounted directly in insulation. Downlight have CRI>95 and are delivered with 2700K or Dim2Warm. The downlight can be tilted 25° and it's 360° rotatable. The luminaire connects easily without using a screwdriver. Cut-out 175x76mm.

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)	IP40/20

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TECHNICAL DATA	
Outdoor	No
Operating temperature (°C)	-20 - 45

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 Psb (W) <	0.5
Flicker metric (Pst 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

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<b>DRIVER</b>	
CC (driver) [mA]	285 - 315
CC (forward voltage driver) (V)	20.0 - 40.0
CV (driver) [V]	36
Output Current Tolerance (%)	5.0
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 <sub>max</sub> (A)	5.0

<b>DIMENSIONS</b>	
Length (product) (mm)	180.0
Width (product) (mm)	95.0
Height (product) (mm)	47.0
Weight (product) (kg)	0.6555555555555556

<b>MATERIALS AND SURFACES</b>	
Color	Black
RAL Code	RAL9005
Corrosion Class	C1
Housing Material	Aluminium
Diffuser Material	Aluminium

<b>INSTALLATION AND CONNECTION</b>	
Areas of use	Generally
Mounting	Recessed
Connection (system)	QuickConnect



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

**LIGHT DISTRIBUTION**

