
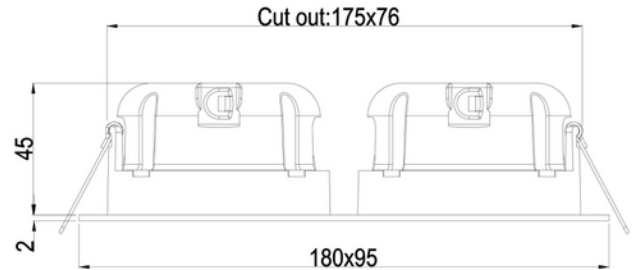


**PRODUCT DATA SHEET**

Tigrus 360° Square Double 1100lm 13W 927 36° WH Phasecut Iso  
 Art.no: 27927-36-3

*Lighting Solutions*
 175x76mm


## Tigrus 360° Square Double 1100lm 13W 927 36° WH 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

**PRODUCT DATA SHEET**

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

Art.no: 27927-36-3

*Lighting Solutions*

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

**PRODUCT DATA SHEET**

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

Art.no: 27927-36-3

*Lighting Solutions*

DRIVER	
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

DIMENSIONS	
Length (product) (mm)	180.0
Width (product) (mm)	95.0
Height (product) (mm)	47.0
Weight (product) (kg)	0.6555555555555556

MATERIALS AND SURFACES	
Color	White
RAL Code	RAL9010
Corrosion Class	C1
Housing Material	Aluminium
Diffuser Material	Aluminium

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



**PRODUCT DATA SHEET**

Tigrus 360° Square Double 1100lm 13W 927 36° WH Phasecut Iso  
Art.no: 27927-36-3



*Lighting Solutions*

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

**LIGHT DISTRIBUTION**

