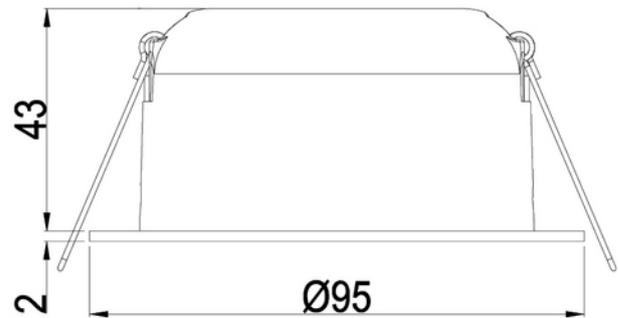


**PRODUCT DATA SHEET**

Tigrus Fixed 550lm 7W 927 36° BK Phasecut IP65 Isosafe  
 Art.no: 23927-36-2

*Lighting Solutions*
 76-83mm


## Tigrus Fixed 550lm 7W 927 36° BK Phasecut IP65 Isosafe



Tigrus Fixed is a low height downlight that can be mounted directly in insulation without any need for a downlightbox. With its IP65 certification, it can be used in bathrooms in private households and commercial use. CRI>95 Cut-out 76-83mm.

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)	IP65
IP Front/Back (system)	IP65/20
Outdoor	No

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*Lighting Solutions*

TECHNICAL DATA	
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 P <sub>sb</sub> (W) <	0.5
Flicker metric (P <sub>st</sub> 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

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*Lighting Solutions*

DRIVER	
Current setting (driver)	None
CC (forward voltage driver) (V)	13.0 - 26.0
CV (driver) [V]	15
Output Current Tolerance (%)	5.0
Current Ripple (%)	5.0
Max load pr circuit - B10	35
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 <sub>max</sub> (A)	5.0

DIMENSIONS	
Width (product) (mm)	95.0
Height (product) (mm)	45.0
Weight (product) (kg)	0.288888888888889
Diameter (product) (mm)	95.0

MATERIALS AND SURFACES	
Color	Black
RAL Code	RAL9005
Corrosion Class	C1
Surface treatment	Powdercoated
Housing Material	Aluminium
Housing Material %	43.8
Diffuser Material	Aluminium
Diffuser Material%	1.3
Material 2%	18.9
Material 4%	1.3
Material 5%	0.03
Material 6%	2.4

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*Lighting Solutions*

MATERIALS AND SURFACES	
Material 7%	32.269999999999996

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+

**LIGHT DISTRIBUTION**