NORLUX®
Lighting Solutions

Phoenix S3 1800lm 830 35°18W WH Phasecut

CE ⏚ 230V 50Hz IP20 IK04

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Phoenix Downlight has the latest LED technology, with micro reflector and anti-glare cover it reaches UGR<17. With 35° beam angle and perfect light cutoff it`s the ideal downlight for office, hotel, staircase, and corridors. Delivered with phasecut driver.

ELECTRICAL DATA	
Protection Class (system)	1
Dimming (system)	Phase-Cut
Voltage (system) [V]	230V 50Hz
Power (system) (W)	18

TECHNICAL DATA	
IK (system)	IK04
IP (system)	IP20
Product Family	Phoenix Surface
Outdoor	No

TECHNICAL DATA

Operating temperature (°C)	-25 - 45

PHOTOMETRIC DATA

Efficacy (system) (lm/W)	0
CRI / Ra (>=)	80
CCT (Color Temperature) (K)	3000
Color Code	830
Lightsource Type	LED (built in)
Socket / Cap-Base	N/A
Lens (Diffuser)	Lens
Lifetime (h)	L80: 100 000
MacAdam (SDCM)	3
UGR (<=)	19
Manufacturer (light source)	Seoul
Forward Current LED (min-max) (mA)	700 - 2000
Forwrard Voltage LED (max tp=25) (V)	3.0
Driftspenning LED (min tp=65) (V)	20.0

DRIVER

Manufacturer (driver)	AcTEC
Protection Class (driver)	1
Standby power Psb (W) <	0.5
Stroboscopic effect metric (SVM) <	0.4
Max Output Voltage (V)	42
Dimming (driver)	Phase-Cut
Dimming Minimum Level (%)	1.0
Dimming Phasecut Type	Leading / Trailing edge
IP (driver)	IP20
Expected Lifetime (driver) (h)	50000
Flicker-free	Yes
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	600 - 600
CC (forward voltage driver) (V)	21.0 - 42.0
Output Current Tolerance (%)	5.0
Current Ripple (%)	5.0

DRIVER	
Leakage current (mA)	5.0
Inrush current time (μs)	100.0
Inrush current Imax (A)	5.0

DIMENSIONS	
Length (product) (mm)	128.0
Width (product) (mm)	128.0
Heigth (product) (mm)	88.0
Weight (product) (kg)	1.66

MATERIALS AND SURFACES	
Color	White
RAL Code	RAL9003
Housing Material	Aluminium

INSTALLATION AND CONNECTION	
Areas of use	Generally, Hotel, Office, Restaurant, Shop, Showroom
Mounting	Ceiling

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