

**PRODUCT DATA SHEET**

Trimo Mini 3650lm 830 24° 24W WH 18i3

Art.no: 18020-7-24-3

*Lighting Solutions*

## Trimo Mini 3650lm 830 24° 24W WH 18i3



Our Trimo range of downlights guarantees a minimum of stray light. This is accomplished by using a recessed LED light source. This model requires a hole dimension of 112mm in diameter making it very versatile providing very powerful light. The Trimo Mini has a 18i3 connector and is supplied with a variety of connector solutions.

ELECTRICAL DATA	
Protection Class (system)	2
Dimming (system)	None
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA	
IP (system)	IP20
Outdoor	No

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	123
CRI / Ra (>=)	80
CCT (Color Temperature) (K)	3000
Color Code	830
Lightsource Type	LED (built in)
Socket / Cap-Base	N/A
Lens (Diffuser)	Clear
Lifetime (h)	L80B10: 100 000
MacAdam (SDCM)	3
Manufacturer (light source)	Tridonic
Forward Current LED (min-max) (mA)	350 - 1400
Forward Voltage LED (max tp=25) (V)	41.7
Driftspenning LED (min tp=65) (V)	30.2

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<b>DRIVER</b>	
Protection Class (driver)	1 or 2
Max Output Voltage (V)	54
IP (driver)	IP20
Expected Lifetime (driver) (h)	50000
Flicker-free	Yes
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	600 - null
CC (forward voltage driver) (V)	30.0 - 43.0
Output Current Tolerance (%)	7.5
Current Ripple (%)	30.0
Max load pr circuit - B10	55
Max load pr circuit - B16	90
Max load pr circuit - C10	65
Max load pr circuit - C16	100
Inrush current time ( $\mu$ s)	100.0
Inrush current I <sub>max</sub> (A)	8.0

<b>DIMENSIONS</b>	
Width (product) (mm)	122.0
Height (product) (mm)	110.0
Weight (product) (kg)	0.7

<b>MATERIALS AND SURFACES</b>	
Color	White

<b>INSTALLATION AND CONNECTION</b>	
Areas of use	Generally, Hotel, Shop
Mounting	Recessed, Ceiling
Connection (system)	18i3 Quick connection

<b>ENERGY AND CERTIFICATIONS</b>	
CE mark	Yes
Energy Efficiency Class	A++ - A



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ALTERNATIVE DRIVERS	
Current Setting (mA) ?	600

**LIGHT DISTRIBUTION**

