

**PRODUCT DATA SHEET**

Trimo Mini 3650lm 830 40° 24W BK 18i5 Dali  
 Art.no: 18020-7-40-2-ddd

*Lighting Solutions*

## Trimo Mini 3650lm 830 40° 24W BK 18i5 Dali



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)	DALI
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA	
IP (system)	IP20
Outdoor	No

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	121
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
Driftspanning LED (min tp=65) (V)	30.2

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DRIVER	
Manufacturer (driver)	Tridonic
Protection Class (driver)	1 or 2
Max Output Voltage (V)	60
Dimming Minimum Level (%)	1.0
Dimming output type	Amplitude Modulation
IP (driver)	IP20
Expected Lifetime (driver) (h)	100000
Flicker-free	Yes
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	350 - 1050
CC (forward voltage driver) (V)	20.0 - 50.0
Output Current Tolerance (%)	3.0
Current Ripple (%)	2.5
Max load pr circuit - B10	19
Max load pr circuit - B16	32
Max load pr circuit - C10	31
Max load pr circuit - C16	53
Leakage current (mA)	0.15
Inrush current time ( $\mu$ s)	151.0
Inrush current I <sub>max</sub> (A)	26.0

DIMENSIONS	
Width (product) (mm)	122.0
Height (product) (mm)	110.0
Weight (product) (kg)	0.7

MATERIALS AND SURFACES	
Color	Black

INSTALLATION AND CONNECTION	
Areas of use	Generally, Hotel, Shop
Mounting	Recessed, Ceiling
Connection (system)	18i5 DALI Quick connection



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

ALTERNATIVE DRIVERS	
Current Setting (mA) ?	600