

**PRODUCT DATA SHEET**

Manna Double 2x4100lm 930 40° 2x35W WH 2x18i3

Art.no: 101252-40-3

*Lighting Solutions*

Manna Double 2x4100lm 930 40° 2x35W WH 2x18i3

**ELECTRICAL DATA**

Protection Class (system)	3
Dimming (system)	None
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA

IP (system)	IP20
Outdoor	No
Operating temperature (°C)	-20 - 50

PHOTOMETRIC DATA

Efficacy (system) (lm/W)	115
CRI / Ra ($\geq$)	90
CCT (Color Temperature) (K)	3000

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PHOTOMETRIC DATA	
Color Code	930
Lightsource Type	LED (built in)
Lens (Diffuser)	Clear
Lifetime (h)	L80B10: 60 000
MacAdam (SDCM)	3
Manufacturer (light source)	Tridonic
Forward Current LED (min-max) (mA)	null - 1540
Forward Voltage LED (max tp=25) (V)	38.7
Driftspenning LED (min tp=65) (V)	29.3

DRIVER	
Manufacturer (driver)	Tridonic
Protection Class (driver)	1 or 2
Flicker metric (Pst LM) <	1.0
Stroboscopic effect metric (SVM) <	0.4
Max Output Voltage (V)	60
IP (driver)	IP20
Expected Lifetime (driver) (h)	100000
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	800 - 1050
CC (forward voltage driver) (V)	30.0 - 42.0
Output Current Tolerance (%)	7.5
Current Ripple (%)	5.0
Max load pr circuit - B10	8
Max load pr circuit - B16	16
Max load pr circuit - C10	16
Max load pr circuit - C16	32
Max load pr circuit - C20	38
Inrush current time (µs)	250.0
Inrush current I _{max} (A)	25.0

DIMENSIONS	
Length (product) (mm)	330.0
Width (product) (mm)	140.0
Height (product) (mm)	176.0

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*Lighting Solutions***MATERIALS AND SURFACES**

Color	White
RAL Code	RAL9010

INSTALLATION AND CONNECTION

Areas of use	Shop, Showroom
Mounting	Recessed
Connection (system)	18i3x2

ENERGY AND CERTIFICATIONS

CE mark	Yes
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LIGHT DISTRIBUTION