

**PRODUCT DATA SHEET**

Manna Double 2x4400lm 935 40° 2x35W BK 2x18i3

Art.no: 101253-40-2

*Lighting Solutions*

## Manna Double 2x4400lm 935 40° 2x35W BK 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)            | 119            |
| CRI / Ra ( $\geq$ )                 | 90             |
| CCT (Color Temperature) (K)         | 3500           |
| Color Code                          | 935            |
| 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 - 1400    |
| Forward Voltage LED (max tp=25) (V) | 39.2           |
| Driftspenning LED (min tp=65) (V)   | 30.6           |

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| 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 <sub>max</sub> (A)    | 25.0        |

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

| MATERIALS AND SURFACES |         |
|------------------------|---------|
| Color                  | Black   |
| RAL Code               | RAL9005 |

| INSTALLATION AND CONNECTION |                |
|-----------------------------|----------------|
| Areas of use                | Shop, Showroom |
| Mounting                    | Recessed       |
| Connection (system)         | 18i3x2         |



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### ENERGY AND CERTIFICATIONS

CE mark

Yes

### LIGHT DISTRIBUTION

