



Features

• RTS LED linear luminaire for industrial and commercial applications. 1500 mm length with wide optics provide homogeneous light distribution for open areas. Steel housing, White color, -25 ... +30 °C operating temperature range, 4000 K, CRI 80, 3 SDMC. 50 W power consumption, 8000 lm luminous flux, 160 lm/W efficacy, 1500 mm x 70.2 mm x 78.6 mm (L x W x H) dimensions, IP20, IK03, 220-240 V 50/60 Hz, Class I. Lifespan L70:B50 120,000 hours.

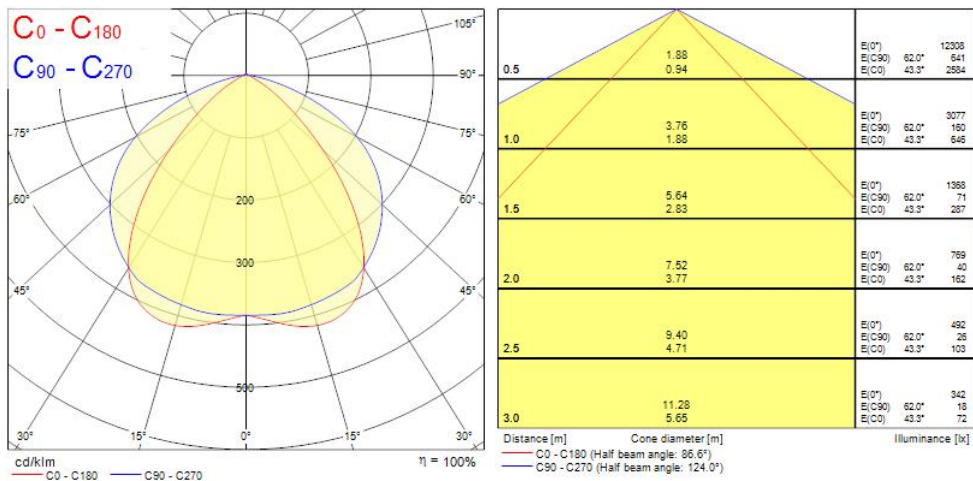
Product Overview

|                                   |                                |
|-----------------------------------|--------------------------------|
| Product name                      | RTS 1500MM 50W 5-WIRE WD WHITE |
| Technology                        | LED                            |
| Cap/Base                          | N/A                            |
| Housing                           | Steel                          |
| General application               | Logistics & Industry           |
| ETIM Class                        | EC000986                       |
| Fixture luminous flux (lm)        | 8000                           |
| Luminaire efficacy (lm/W)         | 160                            |
| Correlated colour temperature (k) | 4000                           |
| CRI (Ra)                          | 80                             |
| Colour Variation Initial (SDCM)   | 3                              |
| Beam Angle (°)                    | 90                             |
| Photobiological Risk Group        | RG1                            |
| Total power consumption (W)       | 50                             |
| Electrical protection             | Class I                        |
| Dimmable                          | No                             |
| LED Flickering Rate               | Ultra low (5% or less)         |
| Housing colour                    | White                          |
| IP rating                         | IP20                           |
| IK rating                         | IK03                           |
| Product EAN number                | 5410288425818                  |

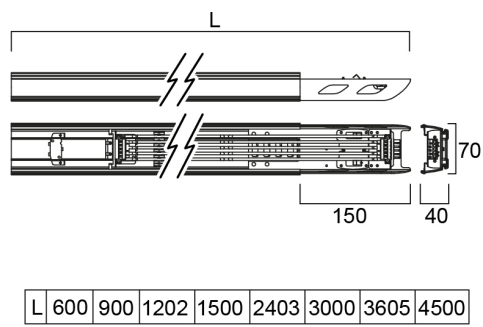
RTS 1500MM 50W 5-WIRE WD WHITE  
0042581

|                |         |
|----------------|---------|
| Warranty       | 5 years |
| Dimming method | N/A     |

Photometry



Technical drawings



Data table



RTS 1500MM 50W 5-WIRE WD WHITE  
0042581

GENERAL DATA

|                                         |                                |
|-----------------------------------------|--------------------------------|
| Product name                            | RTS 1500MM 50W 5-WIRE WD WHITE |
| Technology                              | LED                            |
| Cap/Base                                | N/A                            |
| Housing                                 | Steel                          |
| General application                     | Logistics & Industry           |
| Operating temperature range (°C)        | -25°C...+30°C                  |
| Performance ambient temperature Tq (°C) | 25                             |
| ETIM Class                              | EC000986                       |
| Warranty                                | 5 years                        |

OPTICAL DATA

|                                   |      |
|-----------------------------------|------|
| Fixture luminous flux (lm)        | 8000 |
| Luminaire efficacy (lm/W)         | 160  |
| Correlated colour temperature (k) | 4000 |
| CRI (Ra)                          | 80   |
| Colour Variation Initial (SDCM)   | 3    |
| Beam Angle (°)                    | 90   |
| Photobiological Risk Group        | RG1  |

ELECTRICAL DATA

|                                          |         |
|------------------------------------------|---------|
| Total power consumption (W)              | 50      |
| Primary Supply/Product voltage - min (V) | 220     |
| Primary Supply/Product voltage - max (V) | 240     |
| Lamp power factor                        | 0.95    |
| Electrical protection                    | Class I |
| Control gear required                    | No      |
| Dimmable                                 | No      |
| Dimming method                           | N/A     |
| Drive current (mA)                       | 620     |
| Inrush Current (A)                       | 20      |
| Inrush Duration (µs)                     | 250     |

## RTS 1500MM 50W 5-WIRE WD WHITE 0042581

|                                                          |                        |
|----------------------------------------------------------|------------------------|
| Energy Efficiency Class (A->G) of contained light source | C                      |
| Nominal Frequency (Hz)                                   | 50/60Hz                |
| LED Flickering Rate                                      | Ultra low (5% or less) |
| Max. products per 16A C Breaker                          | 27                     |
| Max. products per 16A B Breaker                          | 19                     |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 75000  |

### PHYSICAL DATA

|                             |              |
|-----------------------------|--------------|
| Housing colour              | White        |
| IP rating                   | IP20         |
| IK rating                   | IK03         |
| Diffuser finish             | Transparent  |
| Diffuser material           | PMMA Acrylic |
| Nominal Product Length (mm) | 1500         |
| Nominal Product Width (mm)  | 70.2         |
| Nominal Product Height (mm) | 78.6         |
| Weight (kg)                 | 1.7          |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288425818  |
| Packaging single length / height (cm) | 150.0          |
| Packaging single width (cm)           | 7.5            |
| Packaging single depth (cm)           | 6.5            |
| DUN14 (inner)                         | 15410288425815 |
| Units per outer package               | 10             |
| Packaging outer length / height (cm)  | 157.0          |
| Packaging outer width (cm)            | 44.0           |
| Packaging outer depth (cm)            | 21.0           |

### SAFETY DATA



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0042581

|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 650    |
| Optimal operating condition (°C)    | -25-30 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |