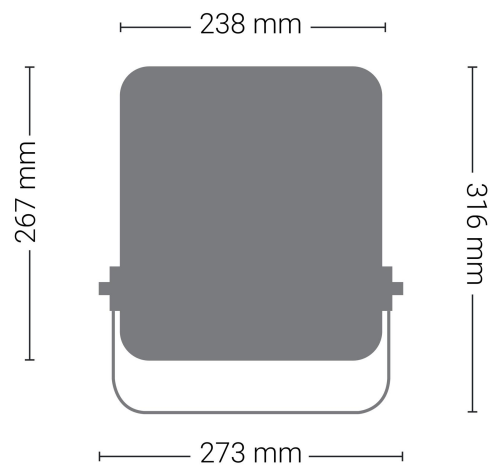
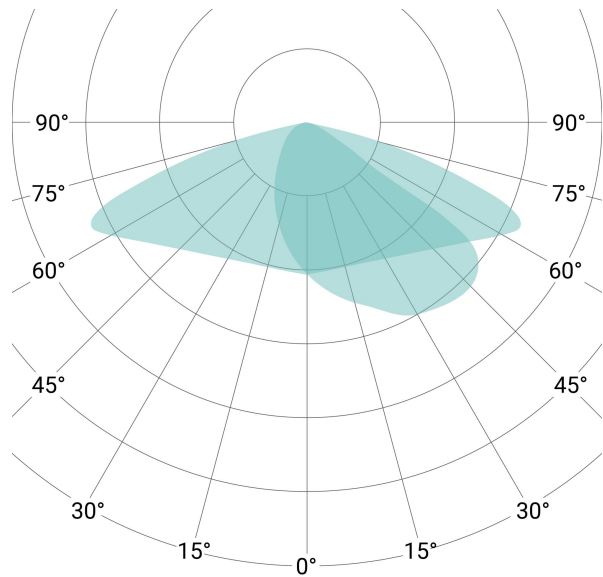


# tempLED RayFlex V2 75 - 75x150 4000K

MULTIFUNCTION LIGHT

Article number: 842314



### Lighting characteristics

|                                         |                         |
|-----------------------------------------|-------------------------|
| Initial, most similar color temperature | 4,000 kelvin            |
| Initial color rendering index           | Ra > 80                 |
| Initial color consistency <             | 5 SDCM                  |
| Initial luminous flux                   | 11,625 lumens           |
| Luminous flux tolerance                 | 10 percent              |
| Initial system efficiency               | 155 lumens per watt     |
| Beam angle                              | 75x150 degrees          |
| Light distribution                      | asymmetrical            |
| Light control system                    | optical system          |
| Cover plate design                      | clear                   |
| Optical system design                   | standard optical system |
| Photobiological safety                  | IEC/TR 62778: 1         |
| Compact flicker degree <                | 1 percent               |
| Stroboscopic visuability measurement <  | 0.40                    |
| Short time flicker (Pst LM) <           | 0.40                    |

### Electrical characteristics

|                                                      |                                 |
|------------------------------------------------------|---------------------------------|
| Power supply AC                                      | from 100 to 240 volts           |
| Supply frequency                                     | 50/60 hertz                     |
| Power supply DC                                      | from 150 to 250 volts           |
| System performance                                   | 75 watts                        |
| System performance tolerance                         | 10 percent                      |
| Power consumption                                    | 0.40 ampere                     |
| Maximum inrush current                               | 70.00 ampere                    |
| Electrical protection class                          | I                               |
| Temperature classification according to ATEX         | T5                              |
| Tc - temperature                                     | 90 degrees Celsius              |
| Total harmonic distortion <                          | 10 percent                      |
| Power factor >                                       | 0.90                            |
| Life span (L70B10C1) @ Ta 25 °C                      | 100,000 hours                   |
| Life span (L90B10C1) @ Ta 25 °C                      | 50,000 hours                    |
| Product is suitable for emergency lighting (EL-mark) | yes                             |
| Limited surface temperatur (D-mark)                  | yes (internal power supply)     |
| Number of poles                                      | 3 grid                          |
| Temperature monitoring                               | yes, in the power supply        |
| Overheating protection                               | yes                             |
| Overvoltage protection                               | yes, integrated in power supply |

### Certificates

|                    |     |
|--------------------|-----|
| ENEC certification | yes |
|--------------------|-----|

### Conformities

|                 |     |
|-----------------|-----|
| CE conformity   | yes |
| RoHS conformity | yes |

#### Luminaire housing characteristics

|                                |                                |
|--------------------------------|--------------------------------|
| Ambient temperature            | from -40 to 50 degrees Celsius |
| Ingress protection             | IP 66                          |
| Impact resistance level        | IK08                           |
| Pressure compensation membrane | yes                            |
| Luminaire is UV-resistant      | yes                            |
| Luminaire housing material     | die-cast aluminum              |
| Heat sink material             | die-cast aluminum              |
| Bracket material               | steel                          |
| Cover plate material           | tempered safety glass          |
| Optical system material        | polycarbonate (PC)             |
| Luminaire housing finish       | powder coating                 |
| Bracket system finish          | powder coating                 |
| Luminaire housing color        | white aluminium (RAL9006)      |
| Power supply housing color     | white aluminium (RAL9006)      |
| Bracket surface color          | white aluminium (RAL9006)      |
| Supply cable inlet             | cable gland                    |
| Supply cable type              | H05RN-F 3G1                    |
| Supply cable length            | 1,000 millimeters              |
| Supply cable color             | black                          |

#### Mounting characteristics

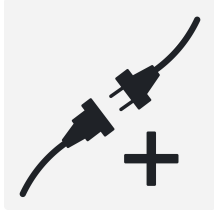
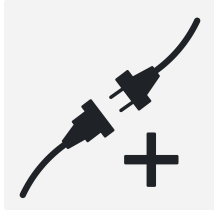
|                                      |                        |
|--------------------------------------|------------------------|
| Standard mounting options            | mounting bracket       |
| Adjustment range of mounting bracket | from -90 to 90 degrees |

#### Control characteristics

#### Logistical characteristics

|                                         |                            |
|-----------------------------------------|----------------------------|
| EAN/GTIN                                | 4262493351175              |
| Packaging unit                          | 1 unit                     |
| Number of luminaires per package        | 1 unit                     |
| Scope of delivery                       | luminaire, mounting eyelet |
| Net weight                              | 2,700 gram                 |
| Gross weight per package                | 3,200 gram                 |
| Number of luminaires per pallet         | 153 unit                   |
| Width of the luminaire                  | 273.00 millimeters         |
| Height of the luminaire with bracket    | 316.00 millimeters         |
| Height of the luminaire without bracket | 267.00 millimeters         |
| Depth of the luminaire                  | 56.00 millimeters          |
| Luminaire box length                    | 350.00 millimeters         |
| Luminaire box width                     | 290.00 millimeters         |
| Luminaire box height                    | 110.00 millimeters         |
| Product availability                    | stock item                 |

## Accessories for this product

| Figure                                                                            | Description                                                                                                                                                                                                                                  | Item no. | EAN / GTIN    |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|
|   | <b>DALI-2 dimming</b><br>Retrofitting of the tempLED RayFlex V2 for DALI-2 dimming using an electrically isolated DALI-to-0-10V converter. Replacement of the supply cable from 3-pole to 5-pole. The converter is powered via the DALI bus. | 842900   | 4262493351687 |
|   | <b>Power Cable Extension</b><br>Extends the 3-pin power cord to a length of up to 10 meters using a cable connector.                                                                                                                         | 333903   | 4260491843760 |
|  | <b>Power Cable Extension</b><br>Extends the 5-pin power cable to a length of up to 10 meters using a cable splice.                                                                                                                           | 933499   | 4260491849687 |

## Tender text

Initial, most similar color temperature: 4,000 kelvin; Initial color rendering index:  $R_a > 80$ ; Initial color consistency  $< 5$  SDCM; Initial luminous flux: 11,625 lumens; Luminous flux tolerance: 10 percent; Initial system efficiency: 155 lumens per watt; Beam angle: 75x150 degrees; Light distribution: asymmetrical; Light control system: optical system; Cover plate design: clear; Optical system design: standard optical system; Photobiological safety: IEC/TR 62778: 1; Compact flicker degree  $< 1$  percent; Stroboscopic visibility measurement  $< 0.40$ ; Short time flicker (Pst LM)  $< 0.40$ ; Power supply AC: from 100 to 240 volts; Supply frequency: 50/60 hertz; Power supply DC: from 150 to 250 volts; System performance: 75 watts; System performance tolerance: 10 percent; Power consumption: 0.40 ampere; Maximum inrush current: 70.00 ampere; Electrical protection class: I; Temperature classification according to ATEX: T5; Tc - temperature: 90 degrees Celsius; Total harmonic distortion  $< 10$  percent; Power factor  $> 0.90$ ; Life span (L70B10C1) @ Ta 25 °C: 100,000 hours; Life span (L90B10C1) @ Ta 25 °C: 50,000 hours; Product is suitable for emergency lighting (EL-mark): yes; Limited surface temperature (D-mark): yes (internal power supply); Number of poles: 3 grid; Temperature monitoring: yes, in the power supply; Overheating protection: yes; Overvoltage protection: yes, integrated in power supply; ENEC certification: yes; CE conformity: yes; RoHS conformity: yes; Ambient temperature: from -40 to 50 degrees Celsius; Ingress protection: IP 66; Impact resistance level: IK08; Pressure compensation membrane: yes; Luminaire is UV-resistant: yes; Luminaire housing material: die-cast aluminum; Heat sink material: die-cast aluminum; Bracket material: steel; Cover plate material: toughened safety glass; Optical system material: polycarbonate (PC); Luminaire housing finish: powder coating; Bracket system finish: powder coating; Luminaire housing color: white aluminium (RAL9006); Power supply housing color: white aluminium (RAL9006); Bracket surface color: white aluminium (RAL9006); Supply cable inlet: cable gland; Supply cable type: H05RN-F 3G1; Supply cable length: 1,000 millimeters; Supply cable color: black; Standard mounting options: mounting bracket; Adjustment range of mounting bracket: from -90 to 90 degrees; EAN/GTIN: 4262493351175; Packaging unit: 1 unit; Number of luminaires per package: 1 unit; Scope of delivery: luminaire, mounting eyelet; Net weight: 2,700 gram; Gross weight per package: 3,200 gram; Number of luminaires per pallet: 153 unit; Width of the luminaire: 273.00 millimeters; Height of the luminaire with bracket: 316.00 millimeters; Height of the luminaire without bracket: 267.00 millimeters; Depth of the luminaire: 56.00 millimeters; Luminaire box length: 350.00 millimeters; Luminaire box width: 290.00 millimeters; Luminaire box height: 110.00 millimeters; Product availability: stock item;

## Footnotes

Subject to changes and errors. Images are for illustrative purposes only.

Optional housing finishes: paint finishes according to the RAL colour chart, powder coatings according to the RAL colour chart, or synthetic resin coating.

Guarantee according to the warranty terms and conditions of tempLED GmbH; excluding accessories.