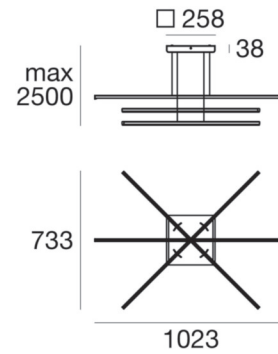
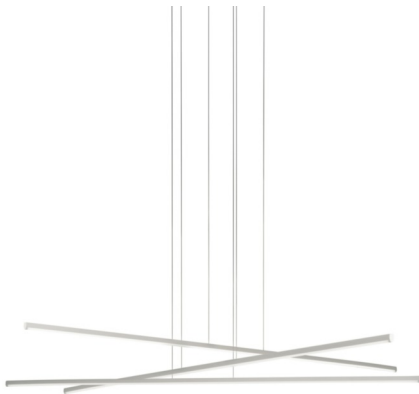


# Straight\_P3



Pendant Luminaires | 220-240 V | topLED 34 W 1050 mA | CRI 90  
8202



| Technical data                                 |                  |
|--|------------------|
| Type   | Surface          |
| Installation position                          | Ceiling          |
| Installation environment                       | Indoor           |
| Light Source                                   | LED              |
| Circuit structure                              | topLED           |
| Optics   | General Lighting |
| Light emission direction                       | downward         |
| Power  | 34 W             |
| Source lumens                                  | 4557 lm          |
| Frequency                                      | 60 - 50 Hz       |
| CCT / Tone                                     | 2700 K           |
| Colour rendering index                         | 90 Ra            |
| AC / DC  | AC               |
| Safety class                                   | 1                |
| IP   | IP20             |
| Glow wire test                                 | 850°             |
| Direct mounting on normally flammable surfaces | Yes              |
| CE   | Yes              |
| ETL  | No               |
| Fire Rated (BS 476 PT21 compliant)             | No               |
| Driver included                                | Driver           |
| Emergency mode                                 | No               |
| Motion sensor                                  | No               |
| Directional                                    | No               |
| Tilting  | No               |
| Walk-over                                      | No               |
| Drive-over                                     | No               |
| Cable included                                 | No               |
| Resin potting                                  | No               |
| Type of light emission                         | Double emission  |
| Net weight                                     | 2.935 Kg         |

| Finishing casing         |                         |
|--------------------------|-------------------------|
| Material                 | Aluminium               |
| Colour                   | embossed white RAL 9003 |
| Processing               | Coating                 |
| Finishing diffuser       |                         |
| Material                 | PC                      |
| Colour                   | opaline                 |
| Finishing mounting frame |                         |
| Material                 | Iron                    |
| Colour                   | embossed white RAL 9003 |
| Processing               | Coating                 |



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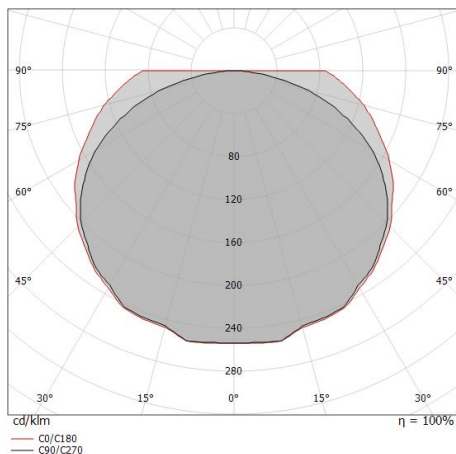
Double emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 100 topLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 4557 lm, with a 134.0 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of iron, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 2.935 kg.

The total absorbed power is 34 W.

The device features protection class I and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



| Distance [m] | Cone diameter [m] | Illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5          | 2.09<br>3.51      | 1593<br>65<br>17 | 1593  | 64.4°  | 74.1° |
| 1.0          | 4.17<br>7.02      | 398<br>16<br>4   | 398   | 64.4°  | 74.1° |
| 1.5          | 6.26<br>10.53     | 177<br>7<br>2    | 177   | 64.4°  | 74.1° |
| 2.0          | 8.35<br>14.04     | 100<br>4<br>1    | 100   | 64.4°  | 74.1° |
| 2.5          | 10.44<br>17.55    | 64<br>3<br>1     | 64    | 64.4°  | 74.1° |
| 3.0          | 12.52<br>21.06    | 44<br>2<br>0     | 44    | 64.4°  | 74.1° |

— C0/C180 (Half-peak divergence: 148.2°)  
- - C90/C270 (Half-peak divergence: 128.8°)

| Illuminotechnical Features              |                |
|---|----------------|
| Light Output Ratio (LOR)                | 34 %           |
| Source lumens                           | 4557 lm        |
| Delivered lumens                        | 1571 lm        |
| Consumption                             | 34 W           |
| Luminaire efficacy                      | 46 lm/W        |
| Colour temperature                      | 2700 K         |
| Standard Deviation of Colour Matching   | 3 Step MacAdam |
| Colour rendering index                  | 90 Ra          |
| Junction temperature (lighting fixture) | 80             |
| Standard Operating Ambient Temperature  | 25             |
| LED Life / Failure Ratio                |                |
| L80 B20 C0 80000h                       |                |

| UGR               |          |
|-------------------|----------|
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |
| UGR transversal   | < 19     |
| UGR axial         | < 22     |

| OPTICAL                     |              |
|-----------------------------|--------------|
| Light distribution simmetry | Asymmetrical |
| C0/C180 optics              | 148°         |
| C90/C270 optics             | 129°         |