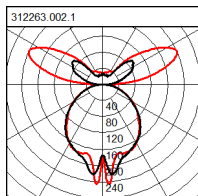
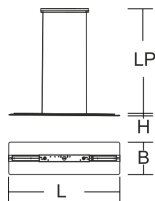


# TWINDOT S

## 312263.002.1 | Suspended modular luminaires

Pendant luminaires  
4051859261636  
LED  
L 1200, B 350, H 20



LED pendant luminaire with extremely flat and frameless appearance. Middle bar made of aluminium extrusion profile, powder-coated. Transparent light guide made of UV-resistant acrylic glass (PMMA) with TWINDOT prismatic. Light control with perfectly glare-free TWINDOT technology for pleasantly gentle light with soft shadows. Even and wide indirect and direct light distribution. Direct 55%, indirect 45% light emission. 4-point steel cable suspension, steplessly adjustable. Converter integrated in the canopy (powder coated white). Power supply through suspension cable. Ideal for office areas ( $UGR \leq 19$ ) and environments with computer screens in accordance with EN 12464-1.

### Electrical

|  |                          |
|--|--------------------------|
| Control gear                             | Converter                |
| Voltage                                  | 220 - 240 V / 50 - 60 Hz |
| Luminaires on B10A fuse                  | 8                        |
| Luminaires on B16A fuse                  | 13                       |
| Inrush current / Inrush current duration | 53 A / 200 $\mu$ s       |
| Ripple current / Flicker                 | 1 %                      |
| System power                             | 54 W                     |
| Luminaire efficacy                       | 121 lm/W                 |
| Total harmonic distortion                | 20 %                     |
| Power factor                             | 0,95                     |

### Colour

Colour Traffic white, matt (RAL 9016)

### Dimensions

|                      |             |
|----------------------|-------------|
| Length L             | 1.200 mm    |
| Width B              | 350 mm      |
| Height H             | 20 mm       |
| Suspension length LP | 500-1200 mm |
| Weight               | 6,3 kg      |

### Lamp

|  |              |
|--|--------------|
| Lamp   | LED          |
| Colour temperature                           | 4000K        |
| Colour rendering index (CRI)                 | 80           |
| Colour tolerance                             | 3            |
| Rated life                                   | 60000 h      |
| Photobiological safety according to EN 62471 | Risk group 1 |

### Lighting technology

|                                |            |
|--------------------------------|------------|
| Colour temperature             | 4.000 K    |
| Rated luminous flux            | 6.500 lm   |
| Glare evaluation UGR (4H 8H) 1 | 17,5       |
| Beam angle                     | 91° / 102° |

### Approbations

|                                  |   |
|----------------------------------|---|
| Type of protection               | IP 20   |
| Protection class                 | I   |
| Filament test                    | 650°C - 30 seconds  |
| Impact resistance                | IK03 (0,35 Joule)   |
| Safety marks                     | F-mark  |
| Ambient temperature min.         | -20 °C  |
| Ambient temperature max.         | 45 °C   |
| ULOR                             | 45,4 %  |
| Conformity mark                  | CE, EAC   |
| CIE Flux Code / CEN Flux Code    | 47 77 94 55 100   |
| Energieeffizienzklasse 2019/2015 | C   |
| Non-maintained power mode        | Umgebungstemperatur / temperature ambiente<br>=> -20 °C ... + 45 °C |