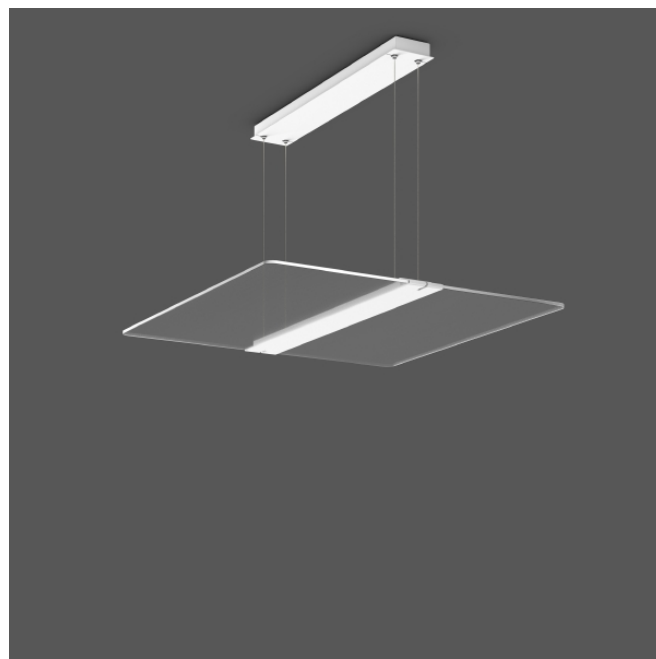
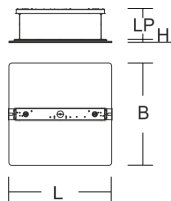


TWINDOT S Square

312352.002.1 | Suspended modular luminaires

Pendant luminaires
4051859286967
LED
L 645, B 637, 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	13
Luminaires on B16A fuse	20
Inrush current / Inrush current duration	20 A / 200 μ s
Ripple current / Flicker	1 %
System power	41 W
Luminaire efficacy	118 lm/W
Total harmonic distortion	18 %
Power factor	0,95

Colour

Colour Traffic white, matt (RAL 9016)

Dimensions

Length L	645,3 mm
Width B	637 mm
Height H	19,5 mm
Suspension length LP	500-1200 mm
Weight	5,11 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	4.800 lm
Glare evaluation UGR (4H 8H) 1	17,5
Beam angle	79° / 104°

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	44,2 %
Conformity mark	CE, EAC
CIE Flux Code / CEN Flux Code	47 77 94 56 100
Energieeffizienzklasse 2019/2015	C
Non-maintained power mode	Umgebungstemperatur / temperature ambiante => -20 °C ... + 45 °C