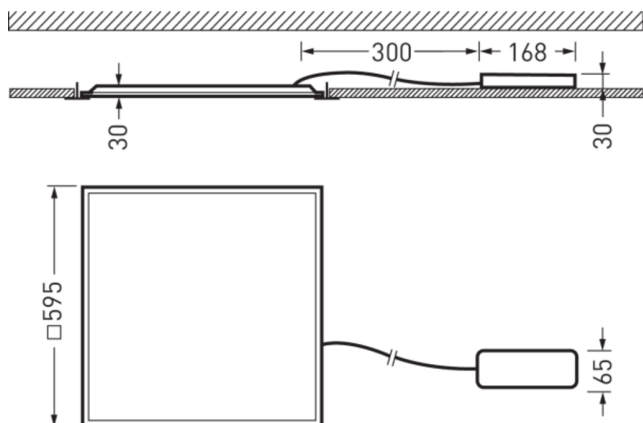




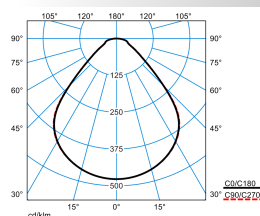
Product features and key data

Applications	Offices Corridors Foyers Conference rooms Sales rooms Waiting zones	
Luminaire type	Recessed LED luminaire with microprismatic cover.	
Mounting method	Recessed	
Luminaire optic	The prismatic PMMA surface of the optical system has a glare-reducing effect.	
Light distribution curve	Wide reduced glare UGR19 (W19)	
FWHM	92,80 °	
Light Engine	Level 1	Level 8
Colour temperature	3000 K	4000 K
Rated luminous flux	2600 lm	4400 lm
Connected load	18,20 W	31,00 W
Luminous efficacy	143 lm/W	142 lm/W
Rated service life	L80 (25 °C) = 50.000 h	
Colour rendering index	80	
Colour tolerance	4 SDCM	
Photobiological class	Group 0 - no risk	
Luminaire colour	RAL9016 Traffic white	
Luminaire body	Frame made of aluminium, rear luminaire body made of sheet steel.	
Electrical version	With external operating device, digitally dimmable (DALI).	
DALI-2-Standard EN 62386	Yes	
Connection method	Plug-in terminal	
Touch-Dim-capable	Yes	
Number of DALI addresses	1	
Dimming range	3 - 100 %	
Mains voltage	220 - 240 V	
Mains frequency	50/60 Hz	
Total harmonic distortion < %	14 %	
Ingress Protection (IP) rating	IP20	
Protection rating on room side	IP40	
Protection class	I	
Impact resistance (IK)	IK03	
Hot wire resistance	650 °C	
Ambient temperature	-20 - 25 °C	
Max. Luminaires B10	51	
Max. Luminaires B16	81	
Max. Luminaires C10	51	
Max. Luminaires C16	81	
Net length	595 mm	
Net width	595 mm	
Net height	29 mm	
Recess length	595 mm	

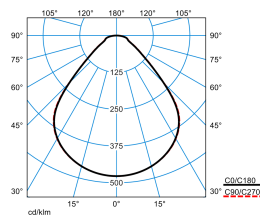
Recess width	595 mm
Recess depth	160 mm
Weight	2,3 kg

Light Engine Data

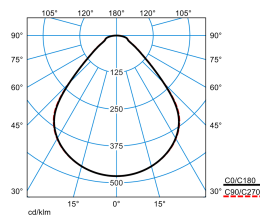
Light Engine	Color temperature	Rated light current	Power supply value Type	Luminous efficacy
Level 1	3000 K	2600 lm	18,20 W	143 lm/W
Level 2	3000 K	3600 lm	25,00 W	144 lm/W
Level 3	3000 K	4000 lm	29,00 W	138 lm/W
Level 4	3000 K	4300 lm	31,00 W	139 lm/W
Level 5	4000 K	2800 lm	18,20 W	154 lm/W
Level 6	4000 K	3600 lm	25,00 W	144 lm/W
Level 7	4000 K	4200 lm	29,00 W	145 lm/W
Level 8	4000 K	4400 lm	31,00 W	142 lm/W

light distribution curve

Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 1)

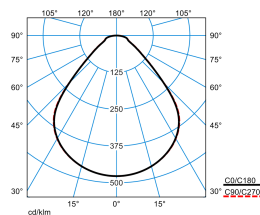
UGR I = 16,8
 UGR q = 15,8
 DIN 5040: A50
 UTE: 1.00 C
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 63 87 97 100 100


Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 2)

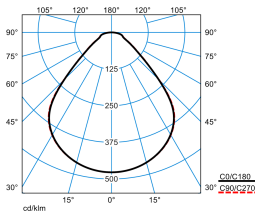
UGR I = 17,9
 UGR q = 17,8
 DIN 5040: A50
 UTE: 1.00 C
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 63 87 97 100 100


Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 3)

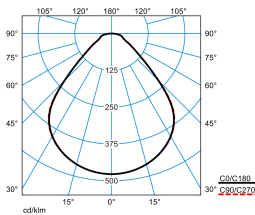
UGR I = 18,3
 UGR q = 18,3
 DIN 5040: A50
 UTE: 1.00 C
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 63 87 97 100 100


Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 4)

UGR I = 18,6
 UGR q = 18,6
 DIN 5040: A50
 UTE: 1.00 C
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 63 87 97 100 100


Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 5)

UGR I = 16,8
 UGR q = 16,8
 DIN 5040: A50
 UTE: 1.00 C
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 63 87 97 100 100


Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 6)

UGR I = 18,0
 UGR q = 17,9
 DIN 5040: A50
 UTE: 1.00 C
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 63 87 97 100 100

Available accessories

Material	Description
 ZD6/M73 8459600	Surface-mounted frame for mounting recessed luminaires to ceilings Siella G8... M73 / Valineo G4... M73.

Offer text

Recessed LED luminaire with microprismatic cover. Version M73 (600 mm x 600mm). For system ceilings with exposed grids. The luminaire is also suitable for surface-mounted installation with an accessory ordered separately.. Fall protection wire not included in scope of delivery. Further information on mounting and fixing luminaires can be found in the mounting instructions. The prismatic PMMA surface of the optical system has a glare-reducing effect. With symmetric limited wide light distribution. beam angle 93°. Glare evaluation according to UGR rating (EN 12464-1) < 19. Suitable for VDU workstations according to EN 12464-1 via limited luminance $L \leq 3000 \text{ cd/}^2$ for beam angle above 65° all-round. Harmonious light effect due to homogeneously illuminated light emission. Luminaire luminous flux and light color adjustable in 8 steps (Multilumen, Multicolour). Luminaire luminous flux 2600 lm - 4400 lm, connected load 18,2 W - 31 W, maximum luminous efficiency of luminaire 154 lm/W. Light colour warm white or neutral white, correlated colour temperature (CCT) 3000 K or 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 4 SDCM. Mean rated service life L80 ($t_q 25^\circ\text{C}$) = 50,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Frame made of aluminium, rear luminaire body made of sheet steel. Surface coated white (similar to RAL 9016). Dimensions (L x W): 595 mm x 595 mm, luminaire height 29 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK03, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Permissible ambient temperature (t_a): -20 °C to 25 °C. Weight: 2,3 kg. With external operating device, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is also ENEC-certified by an independent testing authority.

A safety wire and two mounting brackets are included in the scope of delivery.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	L-PL-C77-01-A