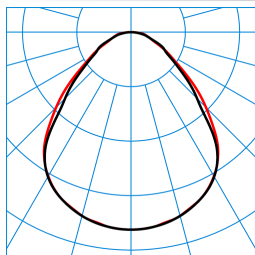


## Product features and key data

<b>Applications</b>	Offices Corridors Foyers Conference rooms Sales rooms Waiting zones	
<b>Luminaire type</b>	Recessed LED luminaire with microprismatic cover.	
<b>Mounting method</b>	Recessed	
<b>Luminaire optic</b>	The prismatic PMMA surface of the optical system has a glare-reducing effect.	
<b>Light Engine</b>	Level 1	Level 8
<b>Colour temperature</b>	3000 K	4000 K
<b>Rated luminous flux</b>	2700 lm	4400 lm
<b>Connected load</b>	22,00 W	35,00 W
<b>Luminous efficacy</b>	123 lm/W	126 lm/W
<b>Service life</b>	L80 (25 °C) = 50.000 h	
<b>Colour rendering index</b>	80	
<b>Colour tolerance</b>	4 SDCM	
<b>Photobiological class</b>	Group 0 - no risk	
<b>Luminaire colour</b>	RAL9016 Traffic white	
<b>Luminaire body</b>	Frame made of aluminium, rear luminaire body made of sheet steel.	
<b>Electrical version</b>	With external operating device, digitally dimmable (DALI).	
<b>DALI-2-Standard EN 62386</b>	Yes	
<b>Connection method</b>	Plug-in terminal	
<b>Touch-Dim-capable</b>	Yes	
<b>Dimming range</b>	3 - 100 %	
<b>Mains frequency</b>	50/60 Hz	
<b>Mains voltage</b>	220 - 240 V	
<b>Total harmonic distortion &lt; %</b>	14 %	
<b>Ingress Protection (IP) rating</b>	IP20	
<b>Protection rating on room side</b>	IP40	
<b>Protection class</b>	I	
<b>Impact resistance (IK)</b>	IK03	
<b>Hot wire resistance</b>	650 °C	
<b>Ambient temperature</b>	-20 - 25 °C	
<b>Max. Luminaires B10</b>	51	
<b>Max. Luminaires B16</b>	81	
<b>Max. Luminaires C10</b>	51	
<b>Max. Luminaires C16</b>	81	
<b>Net length</b>	595 mm	
<b>Net width</b>	595 mm	
<b>Net height</b>	29 mm	
<b>Recess length</b>	595 mm	
<b>Recess width</b>	595 mm	
<b>Recess depth</b>	160 mm	
<b>Weight</b>	1,1 kg	

**Light Engine Data**

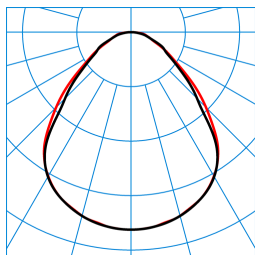
Light Engine	Color temperature	Rated light current	Power supply value Type	Luminous efficacy
Level 1	3000 K	2700 lm	22,00 W	123 lm/W
Level 2	3000 K	3600 lm	29,00 W	124 lm/W
Level 3	3000 K	4000 lm	33,00 W	121 lm/W
Level 4	3000 K	4300 lm	35,00 W	123 lm/W
Level 5	4000 K	2800 lm	22,00 W	127 lm/W
Level 6	4000 K	3700 lm	29,00 W	128 lm/W
Level 7	4000 K	4100 lm	33,00 W	124 lm/W
Level 8	4000 K	4400 lm	35,00 W	126 lm/W

**light distribution curve**


**Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 1)**  
**TX562681**

UGR I = 17.6  
 UGR q = 17.3  
 DIN 5040: A50  
 UTE: 1,00 D  
 DLOR: 100 %  
 ULOR: 0 %  
 CEN Flux Code: 60 87 97 100 100

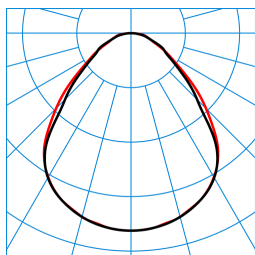
C0 - C180  
 C90 - C270



**Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 2)**  
**TX562627**

UGR I = 18.6  
 UGR q = 18.3  
 DIN 5040: A50  
 UTE: 1,00 D  
 DLOR: 100 %  
 ULOR: 0 %  
 CEN Flux Code: 60 87 97 100 100

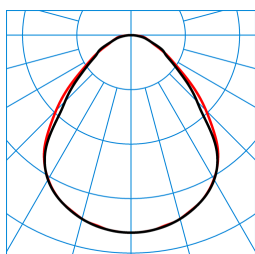
C0 - C180  
 C90 - C270



**Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 3)**  
**TX562613**

UGR I = 18.9  
 UGR q = 18.7  
 DIN 5040: A50  
 UTE: 1,00 D  
 DLOR: 100 %  
 ULOR: 0 %  
 CEN Flux Code: 60 87 97 100 100

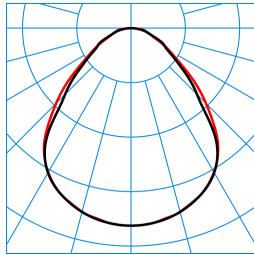
C0 - C180  
 C90 - C270



**Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 4)**  
**TX562651**

UGR I = 19.2  
 UGR q = 18.9  
 DIN 5040: A50  
 UTE: 1,00 D  
 DLOR: 100 %  
 ULOR: 0 %  
 CEN Flux Code: 60 87 97 100 100

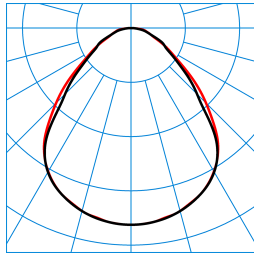
C0 - C180  
 C90 - C270



**Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 5)**  
**TX562621**

UGR I = 17.7  
 UGR q = 17.4  
 DIN 5040: A50  
 UTE: 1,00 D  
 DLOR: 100 %  
 ULOR: 0 %  
 CEN Flux Code: 60 87 97 100 100

■ C0 - C180  
 ■ C90 - C270



**Siella G8 M73 PW19 28-44/4ML-8MC ETDD (stage 6)**  
**TX562626**

UGR I = 18.7  
 UGR q = 18.4  
 DIN 5040: A50  
 UTE: 1,00 D  
 DLOR: 100 %  
 ULOR: 0 %  
 CEN Flux Code: 60 87 97 100 100

■ C0 - C180  
 ■ C90 - C270

#### Available accessories

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

#### 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 and data regarding luminaire installation and fixing can be found in the installation instructions. The prismatic PMMA surface of the optical system has a glare-reducing effect. With symmetric limited wide light distribution. Glare evaluation according to UGR rating (EN 12464-1) < 19. Suitable for VDU workstations according to EN 12464-1 via limited luminance  $L \leq 3000 \text{ cd/m}^2$  for beam angle above 65° all-round. Harmonious light effect due to homogeneously illuminated light emission. Luminaire luminous flux adjustable in 4 steps, light color adjustable in 2 steps. Luminaire luminous flux 2700 lm - 4400 lm, connected load 22 W - 35 W, maximum luminous efficiency of luminaire 128 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)  $\leq 4$  SDCM. Mean rated service life  $L_{80}(t_{a25^\circ\text{C}}) = 50,000 \text{ h}$ . 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 (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. Weight: 1,1 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.

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	1638840