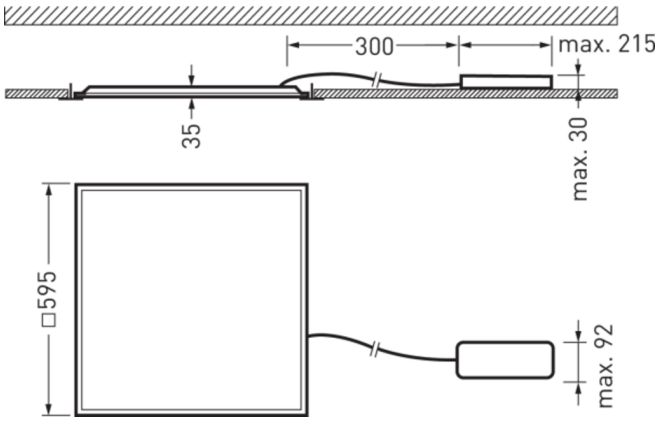
ValineoG4 M73 PW19 38-50/4ML-840 ETDD

TOC: 8423251





Product features and key data

Applications	Offices|Banks|Foyers|Sales rooms|Ticket halls|Exhibition rooms|Educational rooms	
Luminaire type	Recessed LED luminaire with microprismatic cover.	
Mounting method	Recessed	
Luminaire optic	Microprismatic cover of PMMA.	
Light distribution curve	Wide reduced glare UGR19 (W19)	
Light Engine	Level 1	Level 4
Colour temperature	4000 K	4000 K
Rated luminous flux	3800 lm	5000 lm
Connected load	21,00 W	29,00 W
Luminous efficacy	181 lm/W	172 lm/W
Rated service life	L80 (25 °C) = 70.000 h	
Colour rendering index	80	
Colour tolerance	3 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	1 - 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	IP44	
Protection class	I	
Impact resistance (IK)	IK03	
Hot wire resistance	650 °C	
Ambient temperature	25 °C	
Max. Luminaires B10	18	
Max. Luminaires B16	28	
Max. Luminaires C10	27	
Max. Luminaires C16	42	
Net length	595 mm	
Net width	595 mm	
Net height	35 mm	
Recess depth	130 mm	
Weight	2,1 kg	

All technical data including details of weight and dimensions have been compiled with all due care. Errors excepted. Product illustrations serve as examples and may differ from the original. We reserve the right to make alterations in the interest of improving our products.

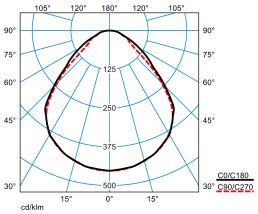
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Light Engine Data

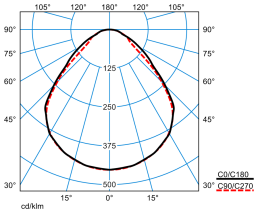
Light Engine	Color temperature	Rated light current	Power supply value Type	Luminous efficacy
Level 1	4000 K	3800 lm	21,00 W	181 lm/W
Level 2	4000 K	4300 lm	24,00 W	179 lm/W
Level 3	4000 K	4600 lm	26,00 W	177 lm/W
Level 4	4000 K	5000 lm	29,00 W	172 lm/W

light distribution curve



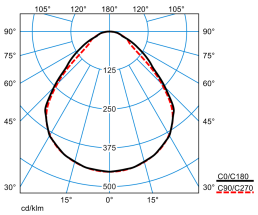
ValineoG4 M73 PW19 38-50/4ML-840 ETDD (stage 0)

UGR I = 18,1
UGR q = 18,4
DIN 5040: A50
UTE: 1.00 C
DLOR: 100 %
ULOR: 0 %
CEN Flux Code: 60 88 97 100 100



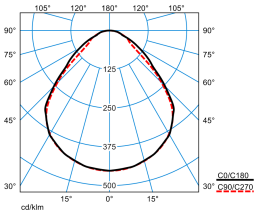
ValineoG4 M73 PW19 38-50/4ML-840 ETDD (stage 1)

UGR I = 18,5
UGR q = 18,8
DIN 5040: A50
UTE: 1.00 C
DLOR: 100 %
ULOR: 0 %
CEN Flux Code: 60 88 97 100 100



ValineoG4 M73 PW19 38-50/4ML-840 ETDD (stage 2)

UGR I = 18,8
UGR q = 19,1
DIN 5040: A50
UTE: 1.00 C
DLOR: 100 %
ULOR: 0 %
CEN Flux Code: 60 88 97 100 100



ValineoG4 M73 PW19 38-50/4ML-840 ETDD (stage 3)

UGR I = 19,1
UGR q = 19,4
DIN 5040: A50
UTE: 1.00 C
DLOR: 100 %
ULOR: 0 %
CEN Flux Code: 60 88 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). Fall protection wire not included in scope of delivery. Lay-in luminaire for ceilings with exposed grids. The luminaire is also suitable for surface-mounted installation with an accessory ordered separately.. Further information on mounting and fixing luminaires can be found in the mounting instructions. Microprismatic cover of PMMA. 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 ≤ 3000 cd/ ^{2} for beam angle above 65°

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all-round. Harmonious light effect due to homogeneously illuminated light emission. Luminaire luminous flux adjustable in 4 levels (Multilumen). Luminaire luminous flux 3800 lm - 5000 lm, connected load 21 W - 29 W, maximum luminous efficiency of luminaire 181 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) R_a > 80. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L80 (t_q 25 °C) = 70,000 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 35 mm. Protection rating on room side IP44. 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 (ta): 25 °C . Weight: 2,1 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). Output ripple of the control gear unit ≤ 4 % for effective control of the LED system and for flicker-free light. 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
B	S10315276A

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