

BERTO Backlit E

Product datasheet

Panel

Product features



- Light weight panel facilitates easy installation and maintenance
- Efficacy up to 120lm/W
- Easy plug & play connector
- Long lifetime of 50.000h L70B50 at Ta 25°C
- DALI2.0 dimmable driver available



CLASS II



50000h L70



Applications

- Office
- Conference room
- School
- Corridor

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Product information

	Item No.	Description	Power (W)	Lumen (lm)	Light efficacy (lm/W)	CCT (K)	Beam angle (°)	Dimmable
	712929	Panel BERTO BL E SQ595 26W 830	26	3350	129	3000	110	No
	712928	Panel BERTO BL E SQ595 26W 840	26	3650	140	4000	110	No
	712321	Panel BERTO BL E SQ595 36W 840 DALI2	36	3600	100	4000	110	DALI dim

Electrical data

Max. number of luminaires per miniature circuit breaker

Item No.	THD	Inrush current I _{peak} (A)	Inrush current time (μs)	B10	B16	C10	C16	Surge protection (V)
712929	15%	30	150	26	43	44	71	1000
712928	15%	30	150	26	43	44	71	1000
712321	<20%	11	50	33	52	54	88	1000

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General specifications

Electrical data	
Nominal voltage	220-240V
Frequency	50/60Hz
Power factor (PF)	>0,9
Protection class	Class II
Photometric data	
CRI	RA80
UGR	UGR22
Colour consistency (SDCM)	4
Flicker percentage	≤3% @100Hz
Photobiological safety group	RG0
Mounting & application	
Mounting method	Recessed / Surface mounted / Suspended
Loop-through	Yes
Driver	External
IP rating	IP40
IK rating	IK02
Glow wire test	650°C
Lifetime	50000h L70B50 at 25°C, 35000h L80B10
Switching cycles	100000
Operating temperature	-20 to 40°C
Warranty	3 years
Materials	
Material	Aluminium, PS
Certificates	
Standards	CE

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Product dimensions & weight

Item No.	L (mm)	W (mm)	H (mm)	Net weight (kg)
712929	595	595	33	1,6
712928	595	595	33	1,6
712321	595	595	33	1,46

Master box information

Item No.	EAN code	Units / master box	L (mm)	W (mm)	H (mm)	Gross weight (kg)
712929	4892657129298	8	670	340	639	18.49
712928	4892657129281	8	670	340	639	18.49
712321	4892657123210	8	692	340	639	16.996



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Accessories

Item No.	220013	711901/ 800486	711903	711904	710933	710934	800490	710821	710820		
	DALI driver	Surface frame	Surface frame	Surface frame	Surface kit	Surface kit	Recessed frame	Safety kit	Suspension kit Y		
712929											
712928											
712321											