

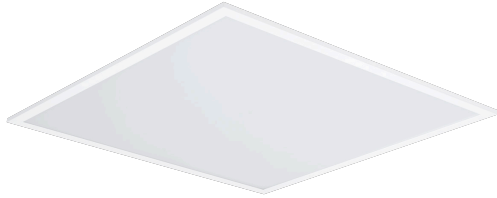
BERTO Backlit P

Product datasheet

Panel

Product features

- Dual CCT 3000/4000K and IP54 version available
- Equipped with flicker free ($\leq 3\%$) driver
- Four-step lumen output switching via driver
- Efficacy up to 140lm/W
- Long lifetime of 70.000hrs L80B10 at Ta 25°C
- 5 years warranty
- DALI2.0 dimmable driver available



Applications

- Office
- Conference room
- School
- Corridor
- Kitchen
- Workshop

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Product information

	Item No.	Description	Power (W)	Lumen (lm)	Light efficacy (lm/W)	CCT (K)	Beam angle (°)	Dimmable
	712223	Panel BL P SQ595 4MP 24-36W 4000K UGR19	24/28/32/36	3300/3900/4500/5000	138/139/141/139	4000	90	No
	712224	Panel BL P SQ595 4MP 24-36W 3000/4000K UGR19	24/28/32/36	3000/3600/4100/4600 3300/3900/4500/5000	125/129/128/128 138/139/141/139	3000 4000	90	No
	712225	Panel BL P SQ595 4MP 24-36W 3000/4000K UGR19 IP54	24/28/32/36	3000/3600/4100/4600 3300/3900/4500/5000	125/129/128/128 138/139/141/139	3000 4000	90	No

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)
712223	<20%	30	170	12	20	20	33	1000
712224	<20%	30	170	12	20	20	33	1000
712225	<20%	30	170	12	20	20	33	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	UGR19
Colour consistency (SDCM)	3
Flicker percentage	≤3% @100Hz
Photobiological safety group	RG0
Mounting & application	
Mounting method	Surface mounted / Suspended / Recessed
Loop-through	Yes
Driver	External
IP rating	IP40 (IP54 for 712225)
IK rating	IK03
Glow wire test	650°C
Lifetime	100000h L70B50 at 25°C, 70000h L80B10, 50000h L90B10
Switching cycles	100000
Operating temperature	-20 to 40°C
Warranty	5 years
Materials	
Material	Aluminium, PMMA + PS
Certificates	
Standards	CE, ENEC, ERP

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Product dimensions & weight

Item No.	L (mm)	W (mm)	H (mm)	Net weight (kg)
712223	595	595	31	1,9
712224	595	595	31	1,9
712225	595	595	33	1,9

Master box information

Item No.	Units / master box	L (mm)	W (mm)	H (mm)	Gross weight (kg)
712223	8	667	340	639	20.336
712224	8	667	340	639	20.336
712225	8	667	340	639	20.336



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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		
712223											
712224											
712225											