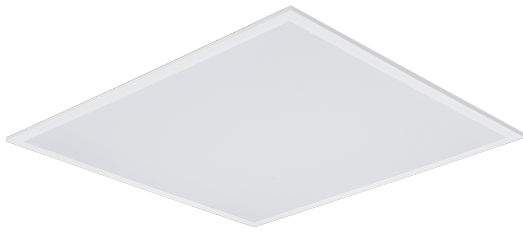


BERTO Backlit P

Panel



Product features

- Light weight panel facilitates easy installation and maintenance
- Equipped with flicker free ($\leq 3\%$) driver
- Four-step lumen output switching via driver
- Efficacy up to 120lm/W
- Long lifetime of 50.000hrs L80B10 at Ta 25°C
- 5 years warranty
- DALI2.0 dimmable driver



CLASS I

50000h L80

Applications

- Office
- Conference room
- School
- Corridor

BERTO Backlit P

Product datasheet

Panel

Product information

	Item No.	Description	Power (W)	Lumen (lm)	Light efficacy (lm/W)	CCT (K)	Beam angle (°)	Dimmable
	711445	Panel BL P SQ595 4MP 24-36W 3000K UGR19	24/28/32/36	2650/3100/3550/3900	110/110/110/108	3000	90	No
	711447	Panel BL P SQ595 DALI2 36W 3000K UGR19	36	3900	108	3000	90	DALI dim
	711446	Panel BL P SQ595 4MP 24-36W 4000K UGR19	24/28/32/36	2880/3360/3840/4200	110/110/110/108	4000	90	No
	711448	Panel BL P SQ595 DALI2 36W 4000K UGR19	36	4200	117	4000	90	DALI dim
	711716	Panel BL P RE295 36W UGR19	36	3300 3600	92 100	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)
711445	0.2	38.8	100	14	23	24	39	1000
711447	0.2	11	50	33	52	54	88	1000
711446	0.2	38.8	100	14	23	24	39	1000
711448	0.2	11	50	33	52	54	88	1000
711716	0.2	38.8	100	14	23	24	39	1000

BERTO Backlit P

Panel

General specifications

Electrical data	
Nominal voltage	220-240V
Frequency	50/60Hz
Power factor (PF)	>0,9
Protection class	Class I
Photometric data	
CRI	RA80
UGR	UGR19
Colour consistency (SDCM)	4
Flicker percentage	≤3% @100Hz
Photobiological safety group	RG0
Mounting & application	
Mounting method	Surface mounted / Suspended / Recessed
Loop-through	Yes
Driver	External
IP rating	IP40
IK rating	IK02
Glow wire test	650°C
Lifetime	50000h L80B10 at 25°C
Switching cycles	100000
Operating temperature	-30 to 40°C
Warranty	5 years
Materials	
Material	Aluminium, PS diffuser
Certificates	
Standards	CE, ENEC

BERTO Backlit P

Product datasheet

Panel

Product dimensions & weight

Item No.	L (mm)	W (mm)	H (mm)	Net weight (kg)
711445	595	595	33	1,87
711447	595	595	33	1,87
711446	595	595	33	1,87
711448	595	595	33	1,87
711716	1195	295	33	1,62

Master box information

Item No.	Units / master box	L (mm)	W (mm)	H (mm)	Gross weight (kg)
711445	8	667	340	639	20.66
711447	8	694	340	639	22.31
711446	8	667	340	639	20.66
711448	8	694	340	639	22.31
711716	8	1270	340	334	21.16



BERTO Backlit P

Product datasheet

Panel

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		
711445											
711447											
711446											
711448											
711716											