

Lay-in Luminaire FPL2

THE NEXT GENERATION



RIDI

ColourSwitch and PowerSwitch: Flexible colour temperature and flexible light output.

Functional lay-in luminaire with outstanding quality.

Design: LED recessed luminaire, flat design, stable luminaire frame made from thermally optimised extruded aluminium profile, white powder coated, similar to RAL9016. Top side of luminaire white plastic coated, fixture of panel package by means of screwless frame construction. This ensures precise LED system coupling within the optical system, resulting in high system efficiency as well as very homogenous lighting of the optical controller.

Microprism panel for glare-free illumination, UGR19. Non-yellowing PMMA panel, external prisms.

Highlight: Very high flexibility. PowerSwitch allows different lighting levels to be set via DipSwitch. Models with ColourSwitch offer 2 light colours in one light which can be selected via the switch.

Colour rendering in index Ra \geq 80, colour temperature 4000 Kelvin (840), ColourSwitch 3000 or 4000 Kelvin, ColourSwitch 5000 or 6500 Kelvin, other colour temperatures possible on request.

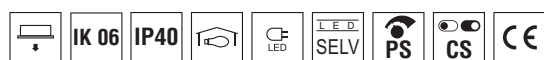
Electrical versions:

- dim. conv. DALI: Electronic DALI converter for LED, 220-240 Volts, 0/50-60 Hz with internal connector block 5 x 2.5 mm². Suitable for direct voltage operation and use in central battery systems, 220-240 VDC.
- El. conv.: Electronic converter for LED, 220-240 Volt, 0/50-60 Hz and internal connector block 3x2.5mm². Suitable for direct voltage operation and use in central battery systems, 220-240 VDC.

Mounting: Lay-in mounting in ceiling systems with visible support rails and laid-in ceiling panels. For lay-in mounting, no additional fixing accessories are required.

Pendant mounting with automatic wire clamps, wire cable d=1.2mm, L=1.5m (accessory, order separately).

Installation and attachment mounting with corresponding accessories (accessory, order separately).



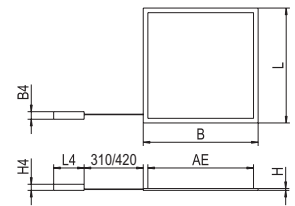
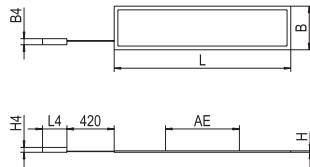
acc. to DIN EN 60598/VDE 0711



The seamless aluminium frame impresses with its outstanding stability and quality construction.



ColourSwitch: A switch on the luminaire allows a choice of two colour temperatures.



FPL2 M625 ... MPS, module 625

Model	Lamps	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv. Prod. code	dim. conv. DALI Prod. code	
						L	B	H	L4	B4	H4	AE			
FPL2-EE1245NDWS830840MPS0400	2xLED-M 16 W	3870	33	117	830/840	1245	310	15	240	43	32	285	0822978		PS CS
FPL2-EE1245DAWS830840MPS0400	2xLED-M 16 W	3870	33	117	830/840	1245	310	15	303	64	32	285		0832978	PS CS
FPL2-EE1245NDWS850865MPS0400	2xLED-M 16 W	3870	33	117	850/865	1245	310	15	240	43	32	285	0822982		PS CS
FPL2-EE1245DAWS850865MPS0400	2xLED-M 16 W	3870	33	117	850/865	1245	310	15	303	64	32	285		0832982	PS CS
FPL2-EQ0622NDWS830840MPS0400	2xLED-M 16 W	4040	33	122	830/840	620	620	15	240	43	32	595	0822976		PS CS
FPL2-EQ0622DAWS830840MPS0400	2xLED-M 16 W	4040	33	122	830/840	620	620	15	303	64	32	595		0832976	PS CS
FPL2-EQ0622NDWS840MPS0400	2xLED-M 16 W	4025	31,4	128	840	620	620	13	240	43	32	595	0822974		PS
FPL2-EQ0622DAWS840MPS0400	2xLED-M 16 W	4025	31,4	128	840	620	620	13	303	64	32	595		0832974	PS
FPL2-EQ0622NDWS850865MPS0400	2xLED-M 16 W	4040	33	122	850/865	620	620	15	240	43	32	595	0822980		PS CS
FPL2-EQ0622DAWS850865MPS0400	2xLED-M 16 W	4040	33	122	850/865	620	620	15	303	64	32	595		0832980	PS CS

FPL2 M600 ... MPS, module 600

Model	Lamps	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]							el. conv. Prod. code	dim. conv. DALI Prod. code	
						L	B	H	L4	B4	H4	AE			
FPL2-EE1195NDWS830840MPS0400	2xLED-M 16 W	3870	33	117	830/840	1195	295	15	240	43	32	270	0822977		PS CS
FPL2-EE1195DAWS830840MPS0400	2xLED-M 16 W	3870	33	117	830/840	1195	295	15	303	64	32	270		0832977	PS CS
FPL2-EE1195NDWS850865MPS0400	2xLED-M 16 W	3870	33	117	850/865	1195	295	15	240	43	32	270	0822981		PS CS
FPL2-EE1195DAWS850865MPS0400	2xLED-M 16 W	3870	33	117	850/865	1195	295	15	303	64	32	270		0832981	PS CS
FPL2-EQ0595NDWS830840MPS0400	2xLED-M 16 W	3960	33	120	830/840	595	595	15	240	43	32	570	0822975		PS CS
FPL2-EQ0595DAWS830840MPS0400	2xLED-M 16 W	3960	33	120	830/840	595	595	15	303	64	32	570		0832975	PS CS
FPL2-EQ0595NDWS850865MPS0400	2xLED-M 16 W	3960	33	120	850/865	595	595	15	240	43	32	570	0822979		PS CS
FPL2-EQ0595DAWS850865MPS0400	2xLED-M 16 W	3960	33	120	850/865	595	595	15	303	64	32	570		0832979	PS CS

Accessories



Model	Description	Prod. code
ZBS-AR FPL-EE 1245	Surface mounting frame for FPL-EE 1245, Plug-in unit transverse to luminaire axis	0209004
ZBS-AR FPL-EE 1195	Surface mounting frame for FPL-EE 1195, Plug-in unit transverse to luminaire axis	0209005
ZBS-AR FPL-EQ 622	Surface mounting frame for FPL-EQ 622	0208991
ZBS-AR FPL-EQ 595	Surface mounting frame for FPL-EQ 595	0208992
ZBS-EKL FPL-EQ	Recessed clamp for FPL-EQ, 1 set	0209080
ZBS-ER FPL-EE 1245	Recessed mounting frame for FPL-EE 1245	0209001
ZBS-ER FPL-EE 1195	Recessed mounting frame for FPL-EE 1195	0209002
ZBS-ER FPL-EQ 622	Recessed mounting frame for FPL-EQ 622	0208996
ZBS-ER FPL-EQ 595	Recessed mounting frame for FPL-EQ 595	0208997
ZEL-FPL2-TREIBER-I-DA	Replacement driver FPL2, DALI dimmable, one unit	0209163
ZEL-FPL2-TREIBER-I-ND	Replacement driver FPL2, non-dimmable, one unit	0209162
ZSP-FPL	Y' wire pendant FPL with ceiling fixture, 4xcarabiner, 1.5 m, (1/1um.)	0206909

Compact and stylish in 30 x 30



Design: LED recessed luminaire, flat design, stable luminaire frame made from thermally optimised extruded aluminium profile, white powder coated, similar to RAL9016. Top side of luminaire white plastic coated, fixture of panel package by means of screwless frame construction. This ensures precise LED system coupling within the optical system, resulting in high system efficiency as well as very homogenous lighting of the optical controller.

Microprism panel for glare-free illumination, UGR22. Non-yellowing PMMA panel, external prisms.

Highlight: Very high flexibility. PowerSwitch allows different lighting levels to be set via DipSwitch.

Colour rendering in index Ra \geq 80, colour temperature 3000 Kelvin (830), 4000 Kelvin (840), other colour temperatures possible on request.

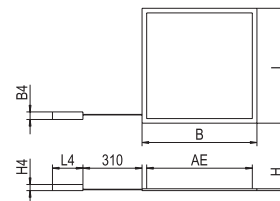
Electrical versions:

- dim. conv. DALI: Electronic DALI converter for LED, 220-240 Volts, 0/50-60 Hz with internal connector block 5 x 2.5 mm². Suitable for direct voltage operation and use in central battery systems, 220-240 VDC.
- El. conv.: Electronic converter for LED, 220-240 Volt, 0/50-60 Hz and internal connector block 3x2.5mm². Suitable for direct voltage operation and use in central battery systems, 220-240 VDC.

Mounting: Lay-in mounting in ceiling systems with visible support rails and laid-in ceiling panels. For lay-in mounting, no additional fixing accessories are required.

Pendant mounting with automatic wire clamps, wire cable d=1.2mm, L=1.5m (accessory, order separately).

Installation and attachment mounting with corresponding accessories (accessory, order separately).



acc. to DIN EN 60598/VDE 0711

Model	Lamps	Luminaire luminous flux [lm]	Luminaire output [W]	Luminaire efficiency [lm/W]	Luminous colour	Dimens. [mm]								el. conv. Prod. code	dim. conv. DALI Prod. code	PS
						L	B	H	L4	B4	H4	AE				
FPL2-EQ0300xxWS830MPS0200	2xLED-M 10 W	1510	16,5	91	830	295	295	13	235	43	33	270	0822983		PS	
FPL2-EQ0300xxWS830MPS0200	2xLED-M 10 W	1510	16,5	91	830	295	295	13	303	64	33	270		0832983	PS	
FPL2-EQ0300xxWS840MPS0200	2xLED-M 10 W	1600	16,5	96	840	295	295	13	235	43	32,5	270	0822984		PS	
FPL2-EQ0300xxWS840MPS0200	2xLED-M 10 W	1600	16,5	96	840	295	295	13	303	64	32,5	270		0832984	PS	

LED technology is in a continuous process of further development. The specified efficiency values are provided as an illustrative example and reflect the state of the art at the time of going to print. The latest updated values can be accessed at our website.

Accessories



Model	Description	Prod. code
ZBS-AR FPL2-EQ 300	Surface mounting frame for FPL2-EQ 300	0209161
ZBS-EKL FPL-EQ	Recessed clamp for FPL-EQ, 1 set	0209080
ZBS-ER FPL2-EQ 300	Recessed frame for FPL2-EQ 300	0209166
ZEL-FPL2-TREIBER-II-DA	Replacement driver FPL2, DALI dimmable, one unit	0209165
ZEL-FPL2-TREIBER-II-ND	Replacement driver FPL2, non-dimmable, one unit	0209164
ZSP-FPL	Y' wire pendant FPL with ceiling fixture, 4xcarabiner, 1.5 m, (1/lum.)	0206909



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