

LED-Schaltschrankleuchten FLL

FLL



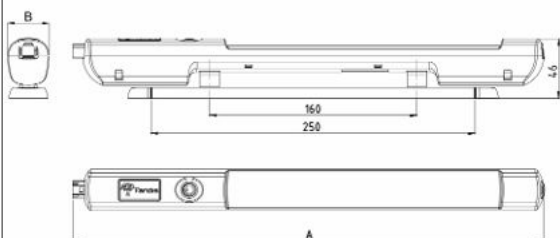
"FLL DV" LED LAMP

Description: **DC LED Lamp with Wieland connector**



Housing material:	PC Plastic UL94 V0
Type of cover:	transparent
Appliance class:	class III
Electrical connection:	Wieland connector
Operating voltage range:	rated voltage $\pm 10\%$
Storage temperature:	from -40°C to $+85^{\circ}\text{C}$
Operating temperature:	from -30°C to $+60^{\circ}\text{C}$
Protection degree:	IP20
Life:	160,000 h at 25°C
Switch:	manual ON/OFF or PIR sensor
Angle of radiation PIR:	120°
Auto switch off:	300 s (only PIR version)
Installation:	2 x M5 screws or magnet pots fastening
Approvals:	CE; UL E237844 (UL 508 and CSA C22.2 No. 14)

drawing



Model	Rated Voltage	Frequency	Watt	Dimensions (mm)		No. of Led	Color Temp.	Lum. Flux	Weight
	(V)	(Hz)	(W)	A	B		K	lm	(kg)
FLL-D120565U-IRV	12 V d.c.	-	4.5	364	32	39	7,100	315	0,170
FLL-D120565U-IRVM	12 V d.c.	-	4.5	364	32	39	7,100	315	0,180
FLL-D120565U-SV	12 V d.c.	-	4.5	364	32	39	7,100	315	0,170
FLL-D120565U-SVM	12 V d.c.	-	4.5	364	32	39	7,100	315	0,180
FLL-D240565U-IRV	24V a.c./d.c.	50/60 / -	5.5/5.5 / 4.5	364	32	39	7,100	315	0,170
FLL-D240565U-IRVM	24V a.c./d.c.	50/60 / -	5.5/5.5 / 4.5	364	32	39	7,100	315	0,180
FLL-D240565U-SV	24V a.c./d.c.	50/60 / -	5.5/5.5 / 4.5	364	32	39	7,100	315	0,170
FLL-D240565U-SVM	24V a.c./d.c.	50/60 / -	5.5/5.5 / 4.5	364	32	39	7,100	315	0,180
FLL-D480565U-IRV	48 V d.c.	-	4.5	364	32	39	7,100	315	0,170
FLL-D480565U-IRVM	48 V d.c.	-	4.5	364	32	39	7,100	315	0,180
FLL-D480565U-SV	48 V d.c.	-	4.5	364	32	39	7,100	315	0,170
FLL-D480565U-SVM	48 V d.c.	-	4.5	364	32	39	7,100	315	0,180

IR = PIR Sensor, S = ON/OFF Switch, M = Magnet fixing

All specifications, data and drawing are subject to change without notice and are approximate. Please refer to our terms of sales including our warranty and limited liabilities clauses.

Technische Änderungen und Irrtümer vorbehalten!

Kontakt Daten für Anfragen und Bestellungen:

MBI GmbH • Werner-von-Siemens-Str. 2-6 • 76646 Bruchsal
Tel. 0049 7251/3020408 • Fax 0049 7251/3020409 • E-Mail: info@mbi-gmbh.de • Web: www.mbi-gmbh.de

Brand: FANDIS

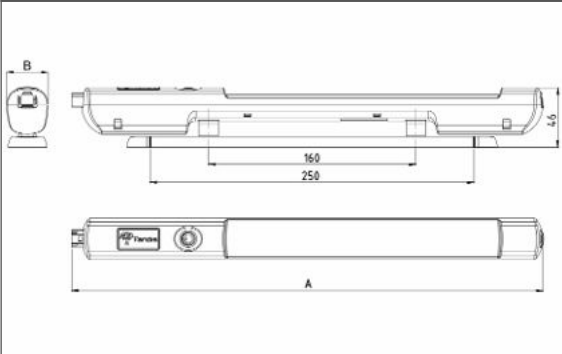
"FLL V" LED LAMP

Description: **LED Lamp with Wieland connector**



Housing material:	PC Plastic UL94 V0
Type of cover:	transparent
Appliance class:	class II
Electrical connection:	Wieland connector
Operating voltage range:	85-132Va.c.(FLL-120 series);173-265Va.c. (FLL-230 series);85-265Va.c.(FLL-300 series)
Storage temperature:	from -40°C to +85°C
Operating temperature:	from -30°C to +60°C
Protection degree:	IP20
Life:	160,000 h at 25 °C
Switch:	manual ON/OFF or PIR sensor
Angle of radiation PIR:	120°
Auto switch off:	300 s (only PIR version)
Installation:	2 x M5 screws or magnet pots fastening
Certifications:	CE; UL E237844 (UL 508 and CSA C22.2 No. 14)

drawing



Model	Rated Voltage	Frequency	Watt	Dimensions (mm)		No. of Led	Color Temp.	Lum. Flux	Weight
	(V)	(Hz)	(W)	A	B		K	lm	(kg)
FLL-120565U-IRV	115 V a.c.	50/60	5.0	364	32	40	7,100	315	0,170
FLL-120565U-IRVM	115 V a.c.	50/60	5.0	364	32	40	7,100	315	0,180
FLL-120565U-SV	115 V a.c.	50/60	5.0	364	32	40	7,100	315	0,170
FLL-120565U-SVM	115 V a.c.	50/60	5.0	364	32	40	7,100	315	0,180
FLL-230565U-IRV	230 V a.c.	50/60	5.0	364	32	40	7,100	315	0,170
FLL-230565U-IRVM	230 V a.c.	50/60	5.0	364	32	40	7,100	315	0,180
FLL-230565U-SV	230 V a.c.	50/60	5.0	364	32	40	7,100	315	0,170
FLL-230565U-SVM	230 V a.c.	50/60	5.0	364	32	40	7,100	315	0,180
FLL-300565U-IRV	115-230V a.c.	50/60	5.0	364	32	40	7,100	315	0,170
FLL-300565U-IRVM	115-230V a.c.	50/60	5.0	364	32	40	7,100	315	0,180
FLL-300565U-SV	115-230V a.c.	50/60	5.0	364	32	40	7,100	315	0,170
FLL-300565U-SVM	115-230V a.c.	50/60	5.0	364	32	40	7,100	315	0,180

IR = PIR Sensor, S = ON/OFF Switch, M = Magnet fixing

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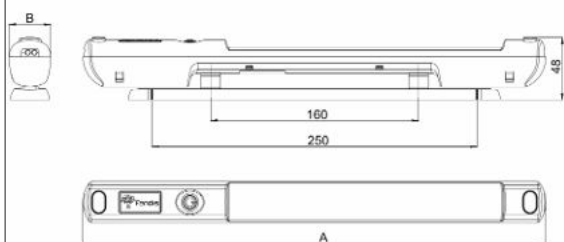
"FLL D" LED LAMP

Description: **DC LED Lamp**



Housing material:	PC Plastic UL94 V0
Type of cover:	transparent
Appliance class:	class III
Electrical connection:	2-poles cage clamp terminal for wire range 20□14AW□ (0.5mm□1.5mm□)
Operating voltage range:	rated voltage ±10%
Storage temperature:	from -40°C to +85°C
Operating temperature:	from -30°C to +60°C
Protection degree:	IP20
Life:	160,000 h at 25 °C
Switch:	manual ON/OFF or PIR sensor
Angle of radiation PIR:	120°
Auto switch off:	300 s (only PIR version)
Installation:	2 x M5 screws or magnet pots fastening
Approvals:	CE; UL E237844 (UL 508 and CSA C22.2 No. 14)

Drawing



Model	Rated Voltage	Frequency	Watt	Dimensions (mm)		No. of Led	Color Temp.	Lum. Flux	Weight
	(V)	(Hz)	(W)	A	B		K	lm	(kg)
FLL-D120565U-IR	12 V d.c.	-	4.5	356	32	39	7,100	315	0,170
FLL-D120565U-IRM	12 V d.c.	-	4.5	356	32	39	7,100	315	0,180
FLL-D120565U-S	12 V d.c.	-	4.5	356	32	39	7,100	315	0,170
FLL-D120565U-SM	12 V d.c.	-	4.5	356	32	39	7,100	315	0,180
FLL-D240565U-IR	24V a.c./d.c.	50/60 / -	5.5/5.5 / 4.5	356	32	39	7,100	315	0,170
FLL-D240565U-IRM	24V a.c./d.c.	50/60 / -	5.5/5.5 / 4.5	356	32	39	7,100	315	0,180
FLL-D240565U-S	24V a.c./d.c.	50/60 / -	5.5/5.5 / 4.5	356	32	39	7,100	315	0,170
FLL-D240565U-SM	24V a.c./d.c.	50/60 / -	5.5/5.5 / 4.5	356	32	39	7,100	315	0,180
FLL-D480565U-IR	48 V d.c.	-	4.5	356	32	39	7,100	315	0,170
FLL-D480565U-IRM	48 V d.c.	-	4.5	356	32	39	7,100	315	0,180
FLL-D480565U-S	48 V d.c.	-	4.5	356	32	39	7,100	315	0,170
FLL-D480565U-SM	48 V d.c.	-	4.5	356	32	39	7,100	315	0,180

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