



Breakthrough in energy efficiency and higher lumen packages

Fortimo LED downlight module

Fortimo LED downlight modules offer breakthrough energy efficient white light based on the latest LED technology. The modules incorporate special Fortimo phosphor technology enabling a very high lm/W performance. They are intended to be built in to luminaires for use in general lighting applications, primarily downlighting. As energy efficacy advances in LEDs are made and new bins become available, these are incorporated in to the modules, continuously offering higher efficacies, without changing the dimensions, shape or lumen output of the module. This future proof design of the DLM module enables luminaire manufacturers to plan and design new luminaire ranges for the coming years.

Benefits

- High energy efficient white light with CRI 80
- Future proof, fixed module form factor and fixed lumen packages
- Consistent colour between modules and over lifetime (3 SDCM)

Features

- Square-shaped heat spreader to facilitate optimal heat transfer
- Diffuser for shaping light distribution (Lambertian)
- Different mounting options and reflector rim for mounting optics and heat sink
- Easy integration of user interface
- Modules include interfaces for cabling between the module, driver and luminaire



Application

- Offices and public buildings

- Retail and hospitality

System

- Fortimo LED modules are always designed and marketed together with a Philips Xitanium and Fortimo drivers, as we believe that a good system design is crucial to avoid problems and also facilitates an easy design in

- There is a wide range of LED drivers and cables available for all Fortimo LED modules, offering plenty of flexibility and choice

Related products



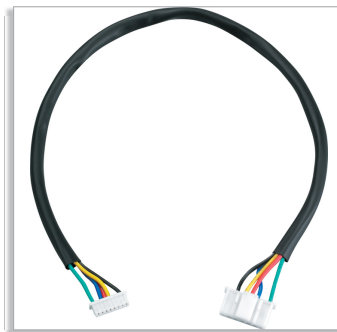
LED DLM cable 25cm/60cm



LED DLM cable 60cm /I 12V



Fortimo LED DLM Cable 1100-2000/I



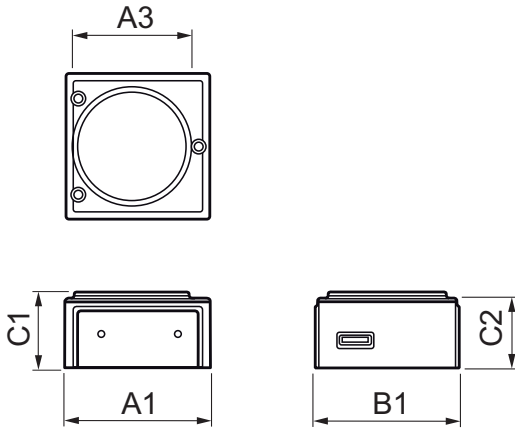
Fortimo LED DLM Cable 1100-2000



Fortimo LED downlight module Gen3

Dimensional drawing

Dimensional drawing



Fortimo LED DLM module

Product	A1 (Norm)	A3 (Norm)	B1 (Norm)	C1 (Norm)	C2 (Norm)
Fortimo LED DLM 3000 44W/830 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 3000 44W/835 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 3000/850 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 3000 41W/840 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 1100 12W/830 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 1100 11W/835 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 1100 11W/840 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 1100/850 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 2000 24W/830 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 2000 23W/835 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 2000 22W/840 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 2000/850 Gen3	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 1100 12W/830 Gen3+	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 1100 11W/840 Gen3+	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 2000 23W/830 Gen3+	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 2000 21W/840 Gen3+	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 3000 39W/830 Gen3+	81.6	66.8	82.8	43.7	40.2
Fortimo LED DLM 3000 35W/840 Gen3+	81.6	66.8	82.8	43.7	40.2

General Characteristics

Order code	Full product name	Operating Position
929000618903	Fortimo LED DLM 3000 44W/830 Gen3	Universal
929000619003	Fortimo LED DLM 3000 44W/835 Gen3	Universal
929000619103	Fortimo LED DLM 3000 38W/850 Gen3	Universal
929000660303	Fortimo LED DLM 3000 41W/840 Gen3	Universal
929000660403	Fortimo LED DLM 1100 12W/830 Gen3	Universal
929000660503	Fortimo LED DLM 1100 11W/835 Gen3	Universal
929000660603	Fortimo LED DLM 1100 11W/840 Gen3	Universal
929000660703	Fortimo LED DLM 1100 10W/850 Gen3	Universal
929000660803	Fortimo LED DLM 2000 24W/830 Gen3	Universal
929000660903	Fortimo LED DLM 2000 23W/835 Gen3	Universal
929000661003	Fortimo LED DLM 2000 22W/840 Gen3	Universal
929000661103	Fortimo LED DLM 2000 20W/850 Gen3	Universal
929000805203	Fortimo LED DLM 1100 12W/830 Gen3+	Universal
929000805303	Fortimo LED DLM 1100 11W/840 Gen3+	Universal
929000805403	Fortimo LED DLM 2000 23W/830 Gen3+	Universal

Order code	Full product name	Operating Position
929000805503	Fortimo LED DLM 2000 21W/840 Gen3+	Universal
929000814103	Fortimo LED DLM 3000 39W/830 Gen3+	Universal
929000814203	Fortimo LED DLM 3000 35W/840 Gen3+	Universal

Light Technical Characteristics

Order code	Full product name	Color Code	Luminous Flux	Color rendering index
929000618903	Fortimo LED DLM 3000 44W/830 Gen3	830	3000	80
929000619003	Fortimo LED DLM 3000 44W/835 Gen3	835	3000	80
929000619103	Fortimo LED DLM 3000 38W/850 Gen3	850	3000	80

Order code	Full product name	Color Code	Luminous Flux	Color rendering index
929000660303	Fortimo LED DLM 3000 41W/840 Gen3	840	3000	80
929000660403	Fortimo LED DLM 1100 12W/830 Gen3	830	1100	80
929000660503	Fortimo LED DLM 1100 11W/835 Gen3	835	1100	80
929000660603	Fortimo LED DLM 1100 11W/840 Gen3	840	1100	80
929000660703	Fortimo LED DLM 1100 10W/850 Gen3	850	1100	80
929000660803	Fortimo LED DLM 2000 24W/830 Gen3	830	2000	80
929000660903	Fortimo LED DLM 2000 23W/835 Gen3	835	2000	80
929000661003	Fortimo LED DLM 2000 22W/840 Gen3	840	2000	80
929000661103	Fortimo LED DLM 2000 20W/850 Gen3	850	2000	80
929000805203	Fortimo LED DLM 1100 12W/830 Gen3+	830	1100	80
929000805303	Fortimo LED DLM 1100 11W/840 Gen3+	840	1100	80
929000805403	Fortimo LED DLM 2000 23W/830 Gen3+	830	2000	80
929000805503	Fortimo LED DLM 2000 21W/840 Gen3+	840	2000	80
929000814103	Fortimo LED DLM 3000 39W/830 Gen3+	830	3000	80
929000814203	Fortimo LED DLM 3000 35W/840 Gen3+	840	3000	80

Electrical Characteristics

Order code	Full product name	Wattage	Voltage
929000618903	Fortimo LED DLM 3000 44W/830 Gen3	44	220-240
929000619003	Fortimo LED DLM 3000 44W/835 Gen3	44	220-240
929000619103	Fortimo LED DLM 3000 38W/850 Gen3	38	220-240
929000660303	Fortimo LED DLM 3000 41W/840 Gen3	41	220-240
929000660403	Fortimo LED DLM 1100 12W/830 Gen3	12	220-240

Order code	Full product name	Wattage	Voltage
929000660503	Fortimo LED DLM 1100 11W/835 Gen3	11	220-240
929000660603	Fortimo LED DLM 1100 11W/840 Gen3	11	220-240
929000660703	Fortimo LED DLM 1100 10W/850 Gen3	10	220-240
929000660803	Fortimo LED DLM 2000 24W/830 Gen3	24	220-240
929000660903	Fortimo LED DLM 2000 23W/835 Gen3	23	220-240
929000661003	Fortimo LED DLM 2000 22W/840 Gen3	22	220-240
929000661103	Fortimo LED DLM 2000 20W/850 Gen3	20	220-240
929000805203	Fortimo LED DLM 1100 12W/830 Gen3+	12	-
929000805303	Fortimo LED DLM 1100 11W/840 Gen3+	11	-
929000805403	Fortimo LED DLM 2000 23W/830 Gen3+	23	-
929000805503	Fortimo LED DLM 2000 21W/840 Gen3+	21	-
929000814103	Fortimo LED DLM 3000 39W/830 Gen3+	39	-
929000814203	Fortimo LED DLM 3000 35W/840 Gen3+	35	-

Temperature Characteristics

Order code	Full product name	T-case lifetime
929000618903	Fortimo LED DLM 3000 44W/830 Gen3	65
929000619003	Fortimo LED DLM 3000 44W/835 Gen3	65
929000619103	Fortimo LED DLM 3000 38W/850 Gen3	65
929000660303	Fortimo LED DLM 3000 41W/840 Gen3	65
929000660403	Fortimo LED DLM 1100 12W/830 Gen3	65
929000660503	Fortimo LED DLM 1100 11W/835 Gen3	65
929000660603	Fortimo LED DLM 1100 11W/840 Gen3	65
929000660703	Fortimo LED DLM 1100 10W/850 Gen3	65
929000660803	Fortimo LED DLM 2000 24W/830 Gen3	65
929000660903	Fortimo LED DLM 2000 23W/835 Gen3	65
929000661003	Fortimo LED DLM 2000 22W/840 Gen3	65
929000661103	Fortimo LED DLM 2000 20W/850 Gen3	65
929000805203	Fortimo LED DLM 1100 12W/830 Gen3+	65
929000805303	Fortimo LED DLM 1100 11W/840 Gen3+	65
929000805403	Fortimo LED DLM 2000 23W/830 Gen3+	65
929000805503	Fortimo LED DLM 2000 21W/840 Gen3+	65
929000814103	Fortimo LED DLM 3000 39W/830 Gen3+	65
929000814203	Fortimo LED DLM 3000 35W/840 Gen3+	65



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