Fortimo LED Disk modules

Cost-effective, small integrated LED modules
for a cozy atmosphere
(APR version)

PHILIPS

sense and simplicity

Featuring state-of-the-art LED technology, the Fortimo LED Disk modules deliver superior light quality at a very affordable cost. Their small form factor thanks to the integrated driver offers luminaire makers maximum freedom of design.

The Fortimo LED Disk modules are ideal to use in ceiling-mounted or pendent luminaires in hospitality and home applications requiring high-quality light and a cozy ambiance.

Benefits
• Small LED module – easy to use, freedom of design
• Compact form factor allows miniaturization
• Superior light quality and performance from affordable LED module
• High energy efficiency with a long lifetime

Product features
• Integrated driver and slim design
• High quality light with color rendering index of 80
• Built-in beam angle of 85 degrees
• Available in warm white and cool white
• Long lifetime
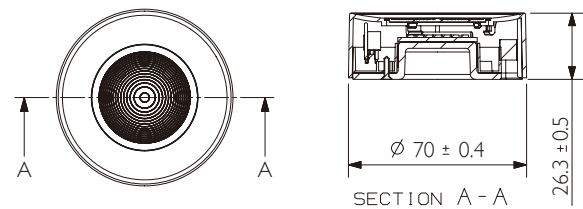• Dimmable version available for LEDisk G3 (leading edge)

Applications
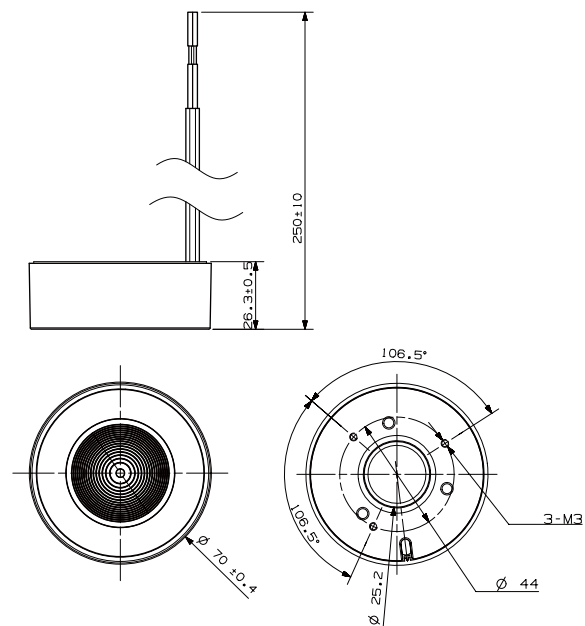Ideal for replacing halogen, CFL or incandescent solutions in various applications:
• Hospitality, healthcare and cruise ship applications: corridors, service areas, lobbies, lounges, restaurants, reception areas, waiting rooms
• Home applications: pendant and ceiling luminaires, shelf lighting, under-cabinet lighting

Dimensions

Fortimo LED Disk G3 dimmable (800-900lm)

Ø 70 ± 0.4

SECTION A-A

26.3 ±0.5

Fortimo LED Disk G4 (800-900lm)

250±10

26.3±0.5

106.5°

106.5°

Ø 70 ±0.4

Ø 25.2

Ø 44

3-M3

Specification

Type	Lumen output *	Wattage	Beam angle	Efficacy module and driver	CCT	Color consis-tency	Color rendering index	Input voltage	Power factor	Total harmonic distortion	Lifetime (B50L70)[1]
	lm	W	(°)	lm/W	K	SDCM	Ra	V	Pf	%	hours
Fortimo LED Disk 800lm/827 dim 230V G3	800	11.7	85	68	2700	5	80	220-240	>0.9	<32	25,000
Fortimo LED Disk 800lm/830 dim 230V G3	800	11.7	85	68	3000	5	80	220-240	>0.9	<32	25,000
Fortimo LED Disk 850lm/840 dim 230V G3	850	11.2	85	76	4000	5	80	220-240	>0.9	<32	25,000
Fortimo LED Disk 900lm/850 dim 230V G3	900	11.7	85	77	5000	5	80	220-240	>0.9	<32	25,000
Fortimo LED Disk 800lm/827 230V G4	800	11.6	85	69	2700	5	>80	220-240	0.9	≤40	25,000
Fortimo LED Disk 800lm/830 230V G4	800	11.6	85	69	3000	5	>80	220-240	0.9	≤40	25,000
Fortimo LED Disk 850lm/840 230V G4	850	11.6	85	73	4000	5	>80	220-240	0.9	≤40	25,000
Fortimo LED Disk 900lm/850 230V G4	900	11.6	85	78	5000	5	>80	220-240	0.9	≤40	25,000

* variation in input voltage may lead to change in lumen output.

[1] at Tcase of 70°C

Ordering data

Type	12NC	Units per package
Fortimo LED Disk 800lm/827 dim 230V G3	929000844108	24
Fortimo LED Disk 800lm/830 dim 230V G3	929000844208	24
Fortimo LED Disk 850lm/840 dim 230V G3	929000844308	24
Fortimo LED Disk 900lm/850 dim 230V G3	929000844480	24
Fortimo LED Disk 800lm/827 230V G4	929000891980	24
Fortimo LED Disk 800lm/830 230V G4	929000892080	24
Fortimo LED Disk 850lm/840 230V G4	929000892180	24
Fortimo LED Disk 900lm/850 230V G4	929000892280	24

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