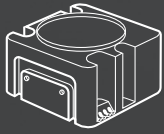


87 Series Datasheet



Modules

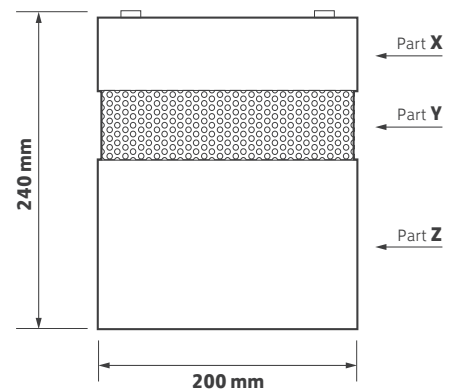


Philips DLM Flex

Key Features

- ▶ Lightweight spun aluminium surface can with a range of accessories
- ▶ Satin etched reflector
- ▶ Incorporating the Philips Fortimo DLM Flex and Xitanium driver
- ▶ Pendant version with adjustable 2 m suspension kit
- ▶ Colour combinations available on request
- ▶ Integral emergency option
- ▶ Life >60,000 hours (L70/B10)

Technical Drawing



Ordering Information

Module Output	Power	Colour	Model Ref.
1100 lm	15 W	830	87.1100.30/XYZ
1100 lm	15 W	840	87.1100.40/XYZ
2000 lm	25 W	830	87.2000.30/XYZ
2000 lm	25 W	840	87.2000.40/XYZ
3000 lm	34 W	830	87.3000.30/XYZ
3000 lm	34 W	840	87.3000.40/XYZ
4100 lm	49 W	830	87.5000.30/XYZ
4100 lm	49 W	840	87.5000.40/XYZ

Options

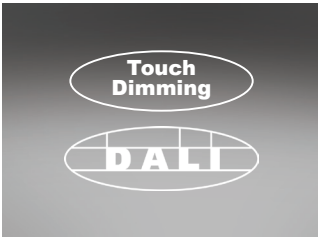
Please select from the options below.

Touch dimming / DALI	/T+DALI
Emergency 60°	/LEM60
Self-test emergency 60°	/LEMS60
2 m suspension kits	/SUSW /SUSG /SUSB
W = White B = Black G = Grey	Part X
W = White B = Black G = Grey	Part Y
W = White B = Black G = Grey	Part Z
Please see accessories sheet	Accessories

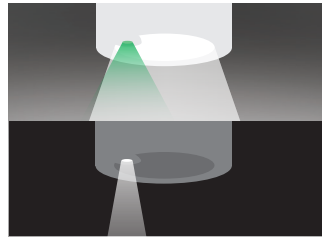


87 Series Options and Accessories

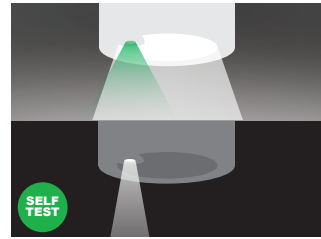
Options



/T+DALI
Touch dimming / DALI



/LEM60
Emergency 60°



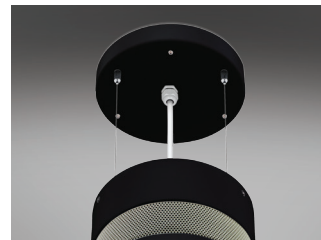
/LEMS60
Self-test emergency 60°



/SUSW
2 m suspension kit in white



/SUSG
2 m suspension kit in grey



/SUSB
2 m suspension kit in black

Code examples



/WBW
White, black, white



/WGW
White, grey, white



/BGB
Black, grey, black



/BBB
Black, black, black

Accessories (factory fit only)



TA310/FROST
Frosted vertical halo



TA310/BLUE
Blue vertical halo



TA316
Glass scatter dome



TA340
Clear glass

87 Series Options and Accessories

Accessories (factory fit only)

Continued



TA341
Centre etched glass



TA342
Fully etched glass



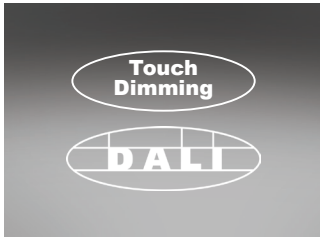
TA343
Clear polycarbonate



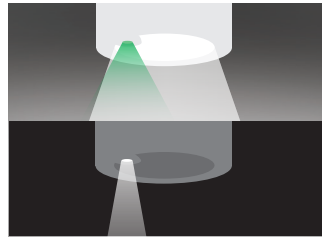
TA344
Opal polycarbonate

87 Series Options and Accessories

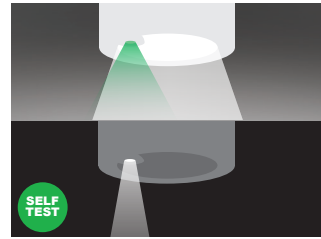
Options



/T+DALI
Touch dimming / DALI



/LEM60
Emergency 60°



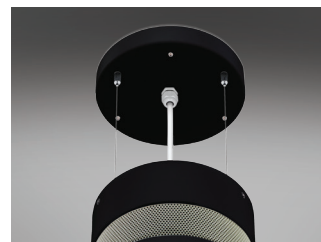
/LEMS60
Self-test emergency 60°



/SUSW
2 m suspension kit in white



/SUSG
2 m suspension kit in grey



/SUSB
2 m suspension kit in black

Code examples



/WBW
White, black, white



/WGW
White, grey, white



/BGB
Black, grey, black



/BBB
Black, black, black

Accessories (factory fit only)



TA310/FROST
Frosted vertical halo



TA310/BLUE
Blue vertical halo



TA316
Glass scatter dome



TA340
Clear glass

87 Series Options and Accessories

Accessories (factory fit only)

Continued



TA341
Centre etched glass



TA342
Fully etched glass



TA343
Clear polycarbonate



TA344
Opal polycarbonate

87 Series Technical

Technical Information

Nominal weight	3 kg	Operating ambient temperature	-25°C to +35°C
Mains voltage	220 - 240 V	Mains lead	N/A
Mains frequency	50 - 60 Hz	Warranty	5 years
Ingress protection from front	IP20	Power factor	>0.9
Ingress protection from rear	IP20	Colour rendering	R_a 80
Optical efficiency (DLOR)	87%	MacAdam	3 SDCM

Model Ref.	Luminaire Power (W)	Module Output (lm)	Module Efficacy (lm/W)	Luminaire Output (Llm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	UGR
87.1100.30/XYZ	14.8	1133	76.6	986	66.6	3000	16.5
87.1100.40/XYZ	14.9	1237	83.0	1076	72.2	4000	16.8
87.2000.30/XYZ	24.9	1935	77.7	1683	67.6	3000	18.4
87.2000.40/XYZ	24.9	2117	85.0	1842	74.0	4000	18.7
87.3000.30/XYZ	33.7	2820	83.7	2453	72.8	3000	19.7
87.3000.40/XYZ	33.7	3078	91.3	2678	79.5	4000	20.0
87.5000.30/XYZ	48.5	3966	81.7	3450	71.1	3000	20.9
87.5000.40/XYZ	48.6	4329	89.0	3766	77.4	4000	21.2

87 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L90 / B10	L80 / B10	L70 / B10
87.1100.30/XYZ	20,000 h	43,000 h	>60,000 h
87.1100.40/XYZ	20,000 h	43,000 h	>60,000 h
87.2000.30/XYZ	20,000 h	43,000 h	>60,000 h
87.2000.40/XYZ	20,000 h	43,000 h	>60,000 h
87.3000.30/XYZ	20,000 h	40,000 h	>60,000 h
87.3000.40/XYZ	20,000 h	40,000 h	>60,000 h
87.5000.30/XYZ	18,000 h	39,000 h	>60,000 h
87.5000.40/XYZ	18,000 h	39,000 h	>60,000 h

“**L VALUE**” = % of initial lumens maintained after specified time

“**B VALUE**” = % of fittings that will have depreciated below the L value after specified time

EXAMPLE

- 50,000 hrs L70 / B50 = 70% of initial lumens maintained after 50,000 hours
= 50% of fittings will have depreciated below 70% of the initial lumens after 50,000 hours
OR
= 50% of fittings will have maintained 70% of the initial lumens after 50,000 hours