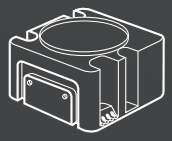
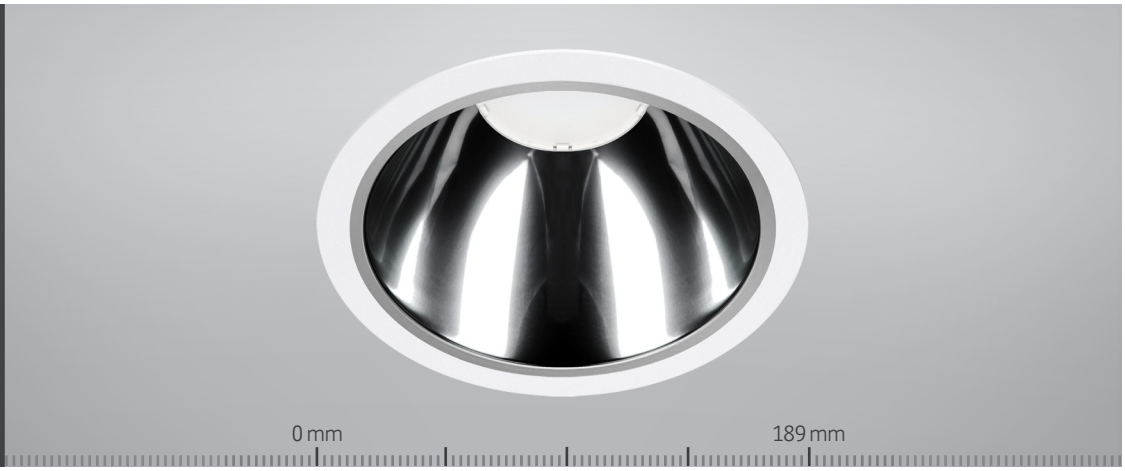
108 Series Datasheet

Modules



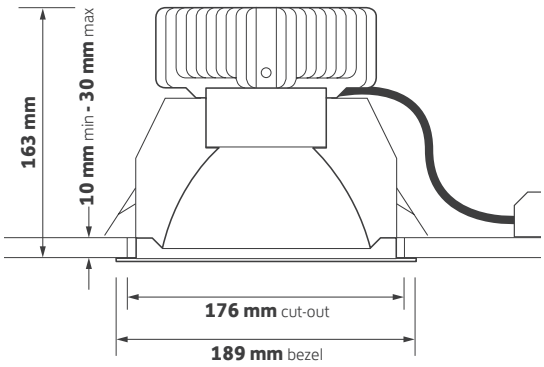
Philips DLM Flex



Key Features

- Reduced profile bezel to minimise visual impact
- Highly specular reflector
- Optimised thermal management system
- Dimming and emergency conversion options
- Life >60,000 hours (L70/B10)
- 5 year warranty 50,000 hours
- Comes with 500 mm supply lead

Technical Drawing



Ordering Information

Module Output	Power	Colour	Model Ref.
1100 lm	15 W	830	**108.001**
1100 lm	15 W	840	**108.002**
2000 lm	25 W	830	**108.003**
2000 lm	25 W	840	**108.004**
2900 lm	34 W	830	**108.005**
2900 lm	34 W	840	**108.006**
4100 lm	49 W	830	**108.007**
4100 lm	49 W	840	**108.008**

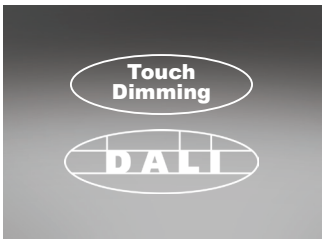
Options

Please select from the options below.

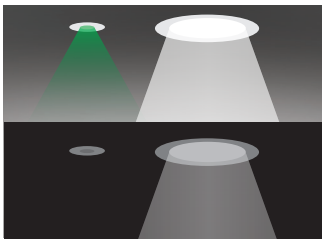
Touch dimming / DALI	**/T+DALI**
EM conversion	**/EM**
Self-test EM conversion	**/EMS**
DALI EM conversion	**/EMD**
Integral indicator for EM conversion	**I**
Single Point Connection to an ILEM product	**/SPC**

108 Series Options and Accessories

Options



T+DALI
Touch dimming / DALI



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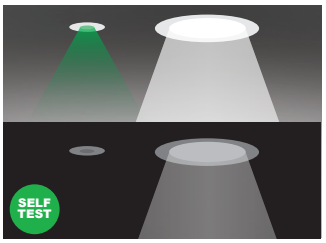
EM conversion



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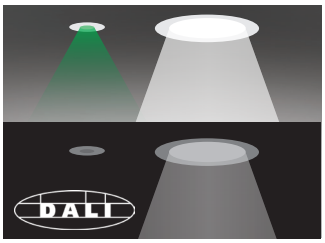

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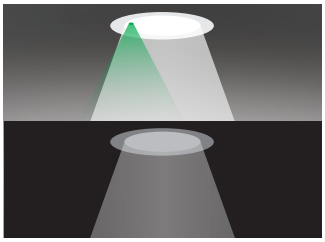
DALI EM conversion



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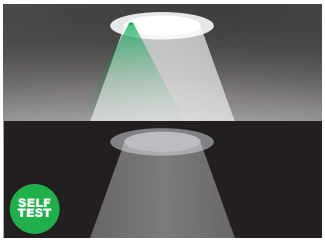

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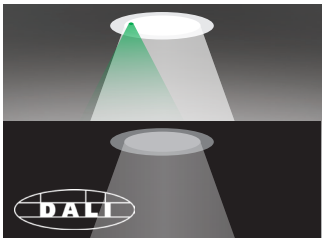

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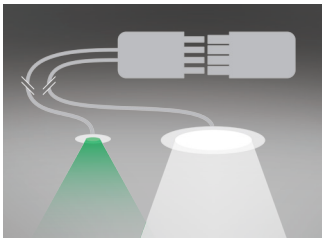
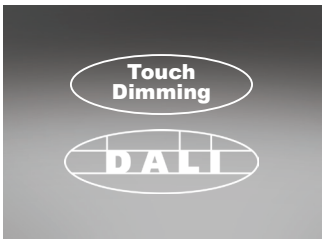


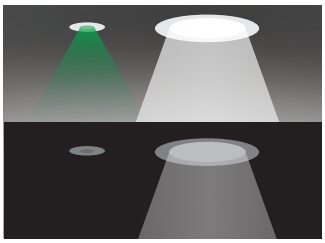
/SPC
Single Point Connection to an ILEM product

108 Series Options and Accessories

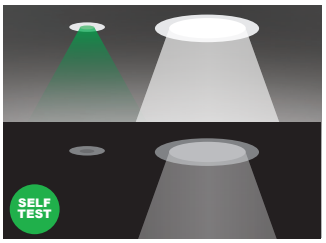
Options



/T+DALI
Touch dimming / DALI



/EM
EM conversion



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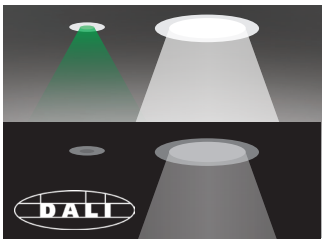
Self-test EM conversion



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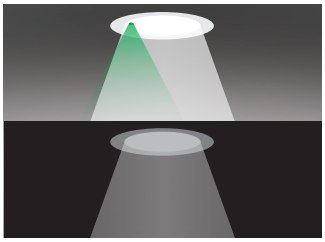
DALI EM conversion



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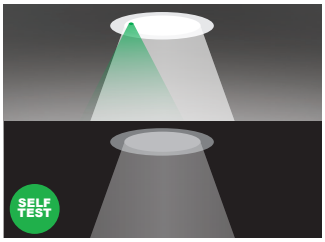
Integral indicator for EM conversion



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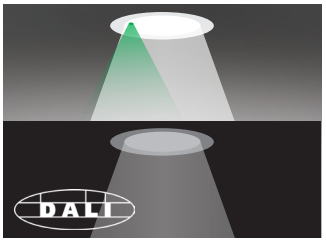
Integral indicator for self-test EM conversion



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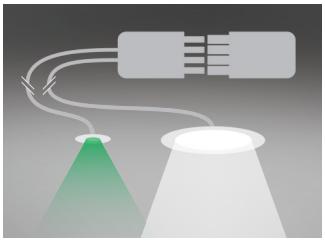
Integral indicator for DALI EM conversion



/SPC
Single Point Connection to an ILEM product

108 Series Technical

Technical Information

Nominal weight	**1.0 kg**
Mains voltage	**220 - 240 V**
Mains frequency	**50 - 60 Hz**
Ingress protection from front	**IP20**
Ingress protection from rear	**IP20**
Optical efficiency (DLOR)	**86%**
MacAdam	**3 SDCM**

Operating ambient temperature	**-25°C to +35°C**
Mains lead	**500 mm 2 core LSF**
Dimming lead	**500 mm 2 core LSF**
Warranty	**5 years**
Power factor	**>0.9**
Colour rendering	**R_a 80**

Model Ref.	Luminaire Power (W)	Module Output (lm)	Module Efficacy (lm/W)	Luminaire Output (Llm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	UGR
108.001	14.8	1133	76.6	970	65.6	3000	14.4
108.002	14.9	1237	83.0	1059	71.1	4000	14.7
108.003	24.9	1935	77.7	1657	66.6	3000	16.3
108.004	24.9	2117	85.0	1813	72.8	4000	16.6
108.005	33.7	2820	83.7	2415	71.7	3000	17.7
108.006	33.7	3078	91.3	2636	78.2	4000	17.9
108.007	48.5	3966	81.7	3397	70.0	3000	18.8
108.008	48.6	4329	89.0	3708	76.2	4000	19.1

108 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L90 / B10	L80 / B10	L70 / B10
108.001	20,000 h	43,000 h	>60,000 h
108.002	20,000 h	43,000 h	>60,000 h
108.003	20,000 h	43,000 h	>60,000 h
108.004	20,000 h	43,000 h	>60,000 h
108.005	19,000 h	40,000 h	>60,000 h
108.006	19,000 h	40,000 h	>60,000 h
108.007	19,000 h	40,000 h	>60,000 h
108.008	19,000 h	40,000 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