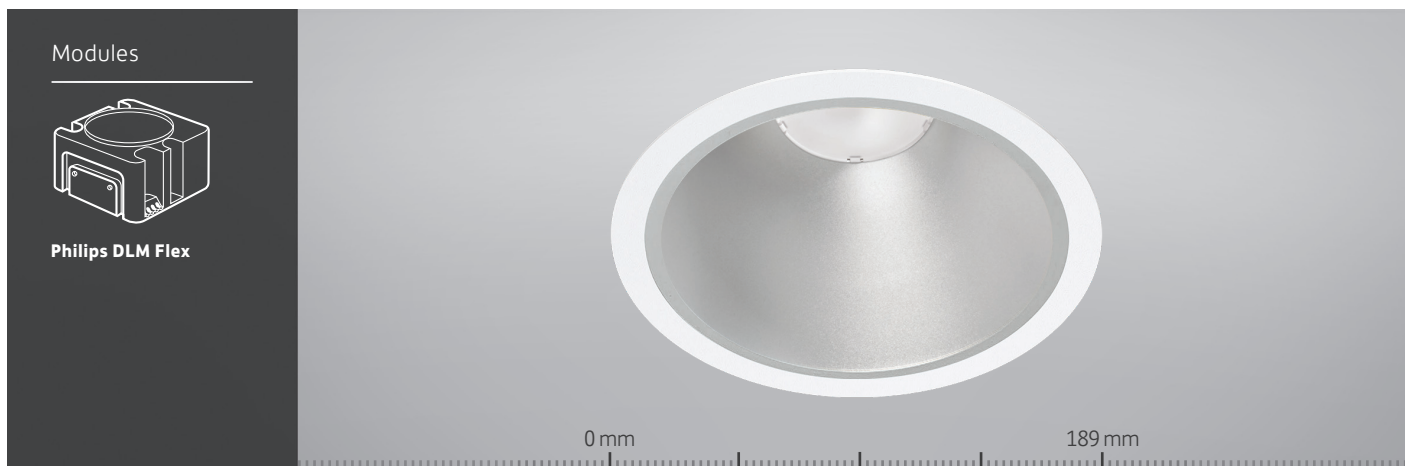


103 Series Datasheet



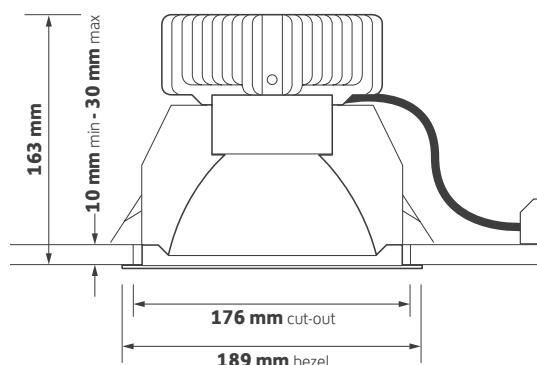
Key Features

- ▶ Reduced profile bezel to minimise visual impact
- ▶ Satin etched 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

Ordering Information

Module Output	Power	Colour	Model Ref.
1100 lm	15 W	830	103.1100.30
1100 lm	15 W	840	103.1100.40
2000 lm	25 W	830	103.2000.30
2000 lm	25 W	840	103.2000.40
3000 lm	34 W	830	103.3000.30
3000 lm	34 W	840	103.3000.40
4100 lm	49 W	830	103.5000.30
4100 lm	49 W	840	103.5000.40

Technical Drawing



Options

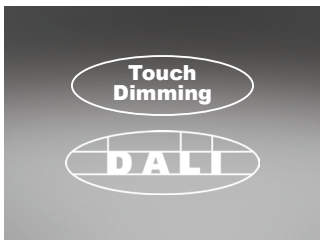
Please select from the options below.

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
Please see accessories sheet	Accessories

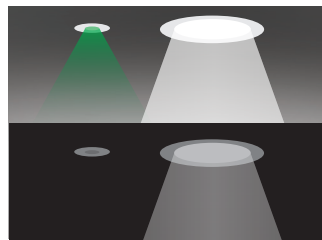


103 Series Options and Accessories

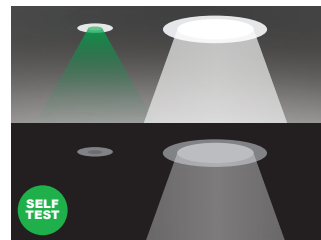
Options



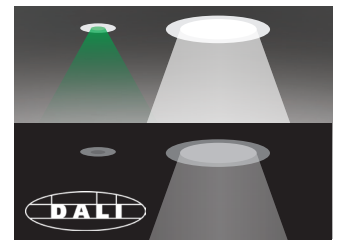
T+DALI
Touch dimming / DALI



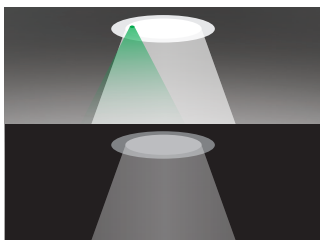
/EM
EM conversion



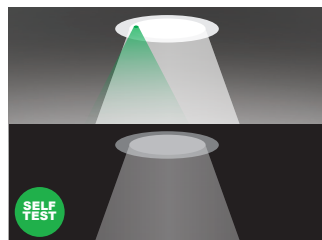
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Self-test EM conversion



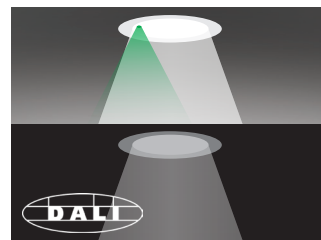
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DALI EM conversion



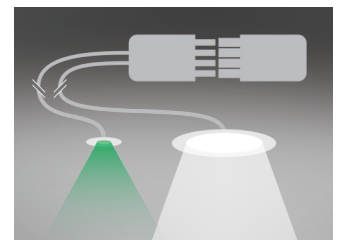
/EMI
Integral indicator for EM conversion



/EMSI
Integral indicator for self-test EM conversion



/EMDI
Integral indicator for DALI EM conversion



/SPC
Single Point Connection to an ILEM product

Accessories



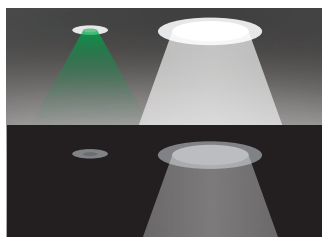
HALOKIT.002
Halo kit - maximum cut-out 250 mm

103 Series Options and Accessories

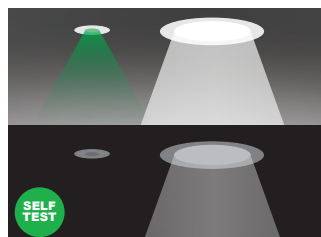
Options



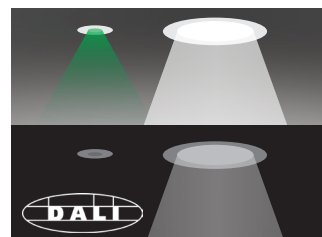
T+DALI
Touch dimming / DALI



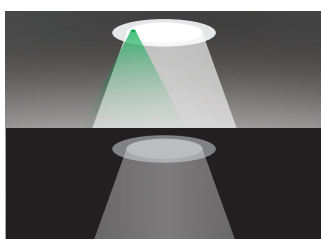
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EM conversion



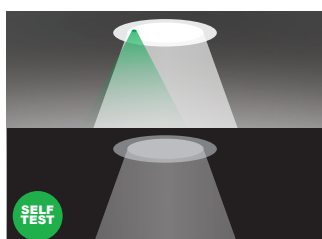
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Self-test EM conversion



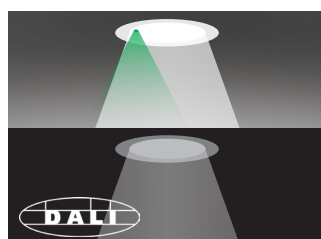
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DALI EM conversion



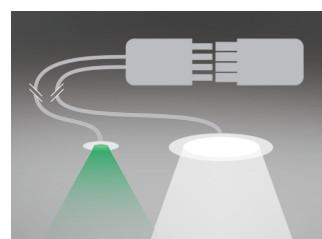
/EMI
Integral indicator for EM conversion



/EMSI
Integral indicator for self-test EM conversion



/EMDI
Integral indicator for DALI EM conversion



/SPC
Single Point Connection to an ILEM product

Accessories



HALOKIT.002
Halo kit - maximum cut-out 250 mm

103 Series Technical

Technical Information

Nominal weight	1.0 kg	Operating ambient temperature	-25°C to +35°C
Mains voltage	220 - 240 V	Mains lead	500 mm 2 core LSF
Mains frequency	50 - 60 Hz	Dimming lead	500 mm 2 core LSF
Ingress protection from front	IP20	Warranty	5 years
Ingress protection from rear	IP20	Power factor	>0.9
Optical efficiency (DLOR)	87%	Colour rendering	R _a 80
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
103.1100.30	14.8	1133	76.6	986	66.6	3000	16.0
103.1100.40	14.9	1237	83.0	1076	72.2	4000	16.2
103.2000.30	24.9	1935	77.7	1683	67.6	3000	17.9
103.2000.40	24.9	2117	85.0	1842	74.0	4000	18.2
103.3000.30	33.7	2820	83.7	2453	72.8	3000	19.2
103.3000.40	33.7	3078	91.3	2678	79.5	4000	19.5
103.5000.30	48.5	3966	81.7	3450	71.1	3000	20.4
103.5000.40	48.6	4329	89.0	3766	77.4	4000	20.7

Please note: Specification values may change due to rapid development of lighting technology. All performance data is taken at an ambient temperature of +25°C. Data may be rounded up/down for illustrative purposes. Tolerance range of optical and electrical data is +/-10%. We reserve the right to amend or change details without prior notification. E&OE. **MDS-132T-REV5 01/07/2016**

103 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L90 / B10	L80 / B10	L70 / B10
103.1100.30	20,000 h	43,000 h	>60,000 h
103.1100.40	20,000 h	43,000 h	>60,000 h
103.2000.30	20,000 h	43,000 h	>60,000 h
103.2000.40	20,000 h	43,000 h	>60,000 h
103.3000.30	19,000 h	40,000 h	>60,000 h
103.3000.40	19,000 h	40,000 h	>60,000 h
103.5000.30	19,000 h	40,000 h	>60,000 h
103.5000.40	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