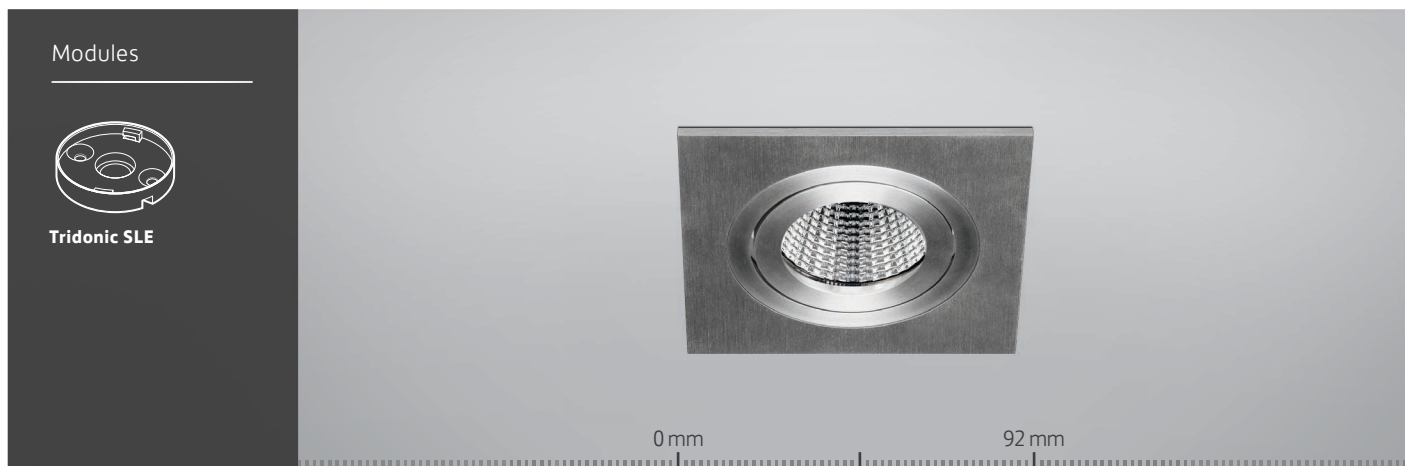


64 Series Datasheet



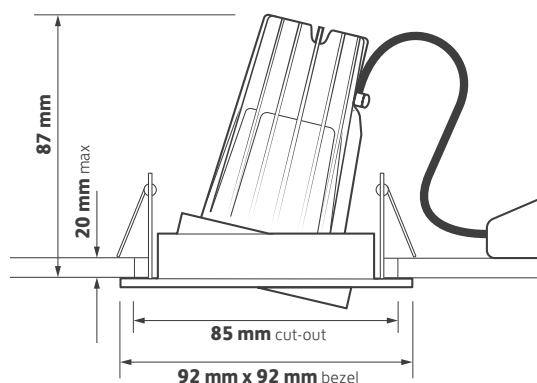
Key Features

- ▶ Compact adjustable LED gimbal in brushed aluminium finish
- ▶ Fitted with an integral IP44 protective lens as standard
- ▶ Precision moulded polycarbonate reflector with medium beam distribution
- ▶ Tridonic full spectrum COB LED and driver system
- ▶ Thermally optimised heatsink for long life
- ▶ Short circuit, overload and temperature protection
- ▶ Life up to >60,000 hours (L80 / F10)
- ▶ Also available in twin or triple versions

Ordering Information

Luminaire Output	Luminaire Power	Colour	Model Ref.
325 Llm	8 W	827	64.001
400 Llm	8 W	830	64.002
400 Llm	8 W	840	64.003
525 Llm	14 W	827	64.004
600 Llm	14 W	830	64.005
600 Llm	14 W	840	64.006

Technical Drawing



Options

Please select from the options below.

High colour rendering	R_a 90
SwitchDIM, DALI or DSI	/ECO
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

Twin
155 mm x 80 mm cut-out
172 mm x 92 mm bezel



Triple
235 mm x 80 mm cut-out
252 mm x 92 mm bezel



64 Series Options and Accessories

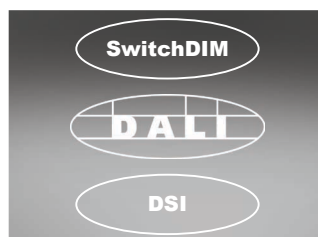
Options



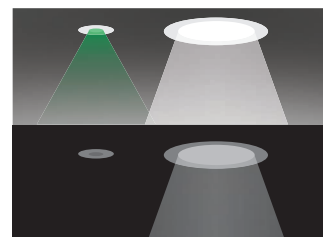
/NB
Narrow beam reflector



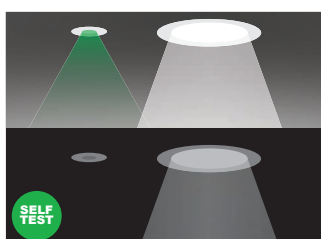
R_a 90
High colour rendering, contact Sales



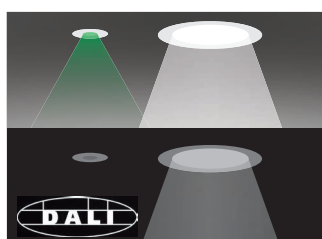
/ECO
SwitchDIM, DALI or DSI



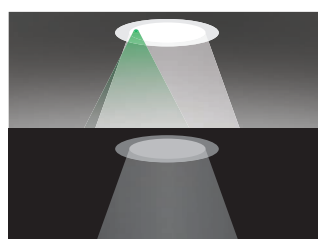
/EM
EM conversion



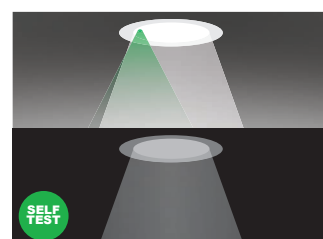
/EMS
Self-test EM conversion



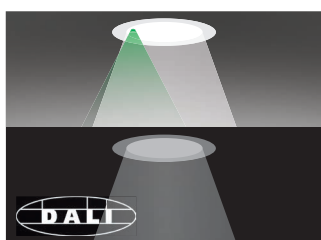
/EMD
DALI EM conversion



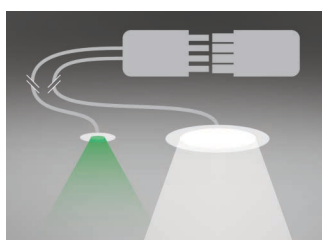
/EMI
Integral indicator for EM conversion



/EMSI
Integral indicator for self-test EM conversion



/EMDI
Integral indicator for DALI EM conversion



/SPC
Single Point Connection to an ILEM product

64 Series Options and Accessories

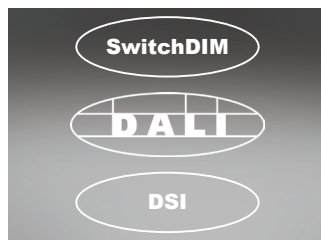
Options



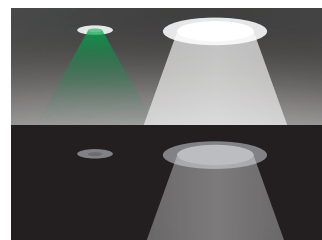
/NB
Narrow beam reflector



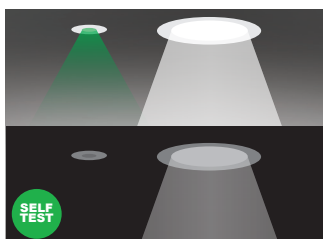
R_a 90
High colour rendering, contact Sales



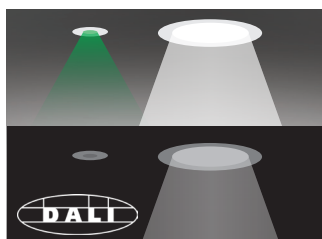
/ECO
SwitchDIM, DALI or DSI



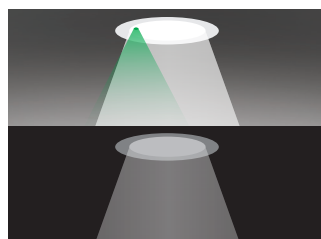
/EM
EM conversion



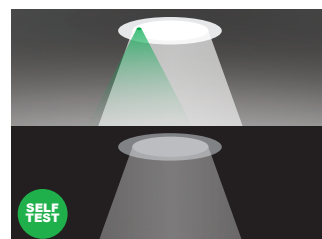
/EMS
Self-test EM conversion



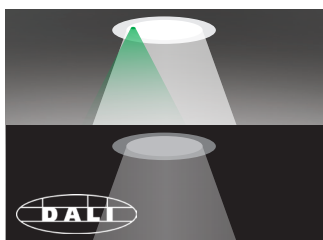
/EMD
DALI EM conversion



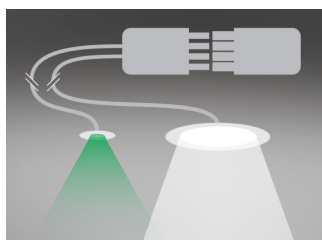
/EMI
Integral indicator for EM conversion



/EMSI
Integral indicator for self-test EM conversion



/EMDI
Integral indicator for DALI EM conversion



/SPC
Single Point Connection to an ILEM product

64 Series Technical

Technical Information

Nominal weight	0.3 kg (0.6 kg Twin) (0.9 kg Triple)	Mains lead	500 mm 2 core LSF
Mains voltage	220 - 240 V	Dimming lead	500 mm 2 core LSF
Mains frequency	50 - 60 Hz	Warranty	5 years
Ingress protection from front	IP44	Colour rendering	R _a 80
Ingress protection from rear	IP20	MacAdam	3 SDCM
Optical efficiency (DLOR)	77%		

Model Ref.	Version	Module Power (W)	Module Output (lm)	Module Efficacy (lm/W)	Luminaire Power (W)	Luminaire Output (Llm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	Operating Ambient Temperature (°C)	Power Factor
64.001	Single	6.3	428	55	7.8	329	42.2	2700	-25 to +35	>0.9
64.002	Single	6.4	526	67	7.8	405	51.9	3000	-25 to +35	>0.9
64.003	Single	6.4	570	73	7.8	438	56.1	4000	-25 to +35	>0.9
64.004	Single	10.9	681	49	13.8	524	38.0	2700	-25 to +25	>0.9
64.005	Single	10.3	744	55	13.6	572	42.2	3000	-25 to +25	0.88
64.006	Single	10.3	804	59	13.6	618	45.6	4000	-25 to +25	0.88
64.007	Twin	2 x 6.3	857	55	15.6	658	42.2	2700	-25 to +35	>0.9
64.008	Twin	2 x 6.4	1053	67	15.6	809	51.9	3000	-25 to +35	>0.9
64.009	Twin	2 x 6.4	1139	73	15.6	875	56.1	4000	-25 to +35	>0.9
64.010	Twin	2 x 10.9	1363	49	27.6	1047	38.0	2700	-25 to +25	>0.9
64.011	Twin	2 x 10.3	1487	55	27.1	1143	42.2	3000	-25 to +25	0.88
64.012	Twin	2 x 10.3	1608	59	27.1	1236	45.6	4000	-25 to +25	0.88
64.013	Triple	3 x 6.3	1285	55	23.4	988	42.2	2700	-25 to +35	>0.9
64.014	Triple	3 x 6.4	1579	67	23.4	1214	51.9	3000	-25 to +35	>0.9
64.015	Triple	3 x 6.4	1709	73	23.4	1313	56.1	4000	-25 to +35	>0.9
64.016	Triple	3 x 10.9	2044	49	41.4	1571	38.0	2700	-25 to +25	>0.9
64.017	Triple	3 x 10.3	2231	55	40.7	1715	42.2	3000	-25 to +25	0.88
64.018	Triple	3 x 10.3	2413	59	40.7	1854	45.6	4000	-25 to +25	0.88

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-089T-REV4 07/10/2016**

64 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L90 / F10	L80 / F10	L70 / F10
64.001	53,000 h	>60,000 h	>60,000 h
64.002	-	42,000 h	>60,000 h
64.003	-	42,000 h	>60,000 h
64.004	25,000 h	53,000 h	>60,000 h
64.005	-	32,000 h	52,000 h
64.006	-	32,000 h	52,000 h
64.007	53,000 h	>60,000 h	>60,000 h
64.008	-	42,000 h	>60,000 h
64.009	-	42,000 h	>60,000 h
64.010	25,000 h	53,000 h	>60,000 h
64.011	-	32,000 h	52,000 h
64.012	-	32,000 h	52,000 h
64.013	53,000 h	>60,000 h	>60,000 h
64.014	-	42,000 h	>60,000 h
64.015	-	42,000 h	>60,000 h
64.016	25,000 h	53,000 h	>60,000 h
64.017	-	32,000 h	52,000 h
64.018	-	32,000 h	52,000 h

“L VALUE” = % of initial lumens maintained after specified time
“F VALUE” = % of fittings failing to meet operational expectations after specified time

EXAMPLE
60,000 hrs L80 / F10 = 80% of initial lumens maintained after 60,000 hours
= 10% of fittings will have less than 80% of initial lumens after 60,000 hours
OR
= 90% of fittings will have maintained 80% of initial lumens after 60,000 hours