

Multifive LED



Enclosed optical chamber

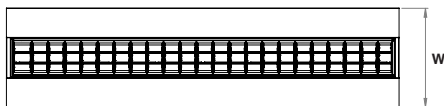
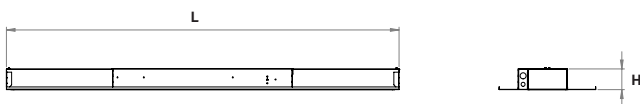


Key Family Details

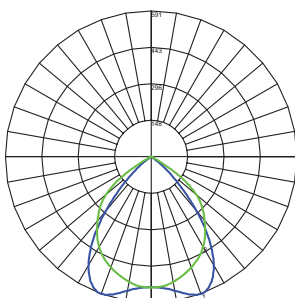
Optical System:	Diffuser + Beta Louvre combination
Mounting Type:	Exposed T-bar
Colour Consistency Initial:	3 SDCM
Finish Options:	Standard white. Other finish options via customisation
System Warranty:	5 years
CRI (Ra):	90+
CCT:	4000K
R9:	60+
COI Compliant:	Yes
Melanopic Ratio	0.72+

Mechanical Drawing

Physical Parameters	Luminaire Dimensions			Aperture Size		Cutout Size		Weight
Code	L [mm]	W [mm]	H [mm]	D [mm]	E [mm]	A _{cut} [mm]	B _{cut} [mm]	[kg]
EL-MLD-2106/-2107	592	292	65	-	-	-	-	1.5
EL-MLD-2108/-2109	1192	292	65	-	-	-	-	2.5
EL-MLD-2110/-2111	1492	292	65	-	-	-	-	3.0

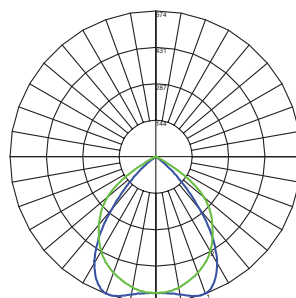


Polar Curve 1200x300 940



Maximum Candela = 591cd/klm
Located At Horizontal Angle = 90, Vertical Angle = 20.5

Polar Curve 1500x300 940



Maximum Candela = 574cd/klm
Located At Horizontal Angle = 90, Vertical Angle = 18

Application

The Multifive LED is a low glare, high efficacy, CRI90+ recessed fitting with COI compliance. The latest generation of this successful luminaire is the perfect choice for ensuring everyone working within the office environment enjoys the benefits of a comfortable and visually pleasing workspace.

Design

The double parabolic Beta louvre provides unrivalled glare and luminance control to ensure optimal luminance. The louvre consists of double parabolic side and cross reflectors with excellent reflection characteristics. The reflectors distribute the light with precision in a classical batwing form and with exceptionally low glare.

Optics

Combination of a high performance diffuser and double parabolic Beta Louvre.

Control

Non-dim and DALI as standard. Various control options readily available via customisation, including Organic Response and Tuneable White.

Installation

T-Bar as standard. Plaster Recessed and Surface Mounted kits available as standard options.

Emergency

Maintained DALI and maintained non-monitored emergency options as standard. Other options may be available via customisation.

Mounting Options

- Plaster Recessed
- Surface Mount
- Restraint kit available

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320 Lux Target Illuminance

Code	Power [W]	Systems Lumens [lm]	Luminaire Lumens [lm]	Efficacy [lm/W]	Nominal Size [mmxmm]	Spacing (h=2.7m) [mxm]	W/m ²	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-MLD-2106-000	11	1550	1103	98	600x300	n/a	n/a	n/a	52,000	>72,000
EL-MLD-2107-000	12	1650	1214	98	600x300	n/a	n/a	n/a	52,000	>72,000
EL-MLD-2108-000	21	3050	2246	106	1200x300	2.4 x 2.4	3.69	19	52,000	>72,000
EL-MLD-2109-000	23	3350	2482	107	1200x300	2.4 x 2.7	3.57	21	52,000	>72,000
EL-MLD-2110-000	26	3850	2888	111	1500x300	3.0 x 2.5	3.47	19	52,000	>72,000
EL-MLD-2111-000	29	4150	3084	108	1500x300	3.0 x 2.7	3.53	21	52,000	>72,000
EL-ACC-210-000	Restraint Kit - 4 x gripple, 2 x 2m wire									

Design Parameters: LLF=0.80 (Nominal), Room Reflectances (C/W/F): 0.70/0.50/0.20, Ceiling height=2.7m, Eh @0.72m AFFL.

Wiring options

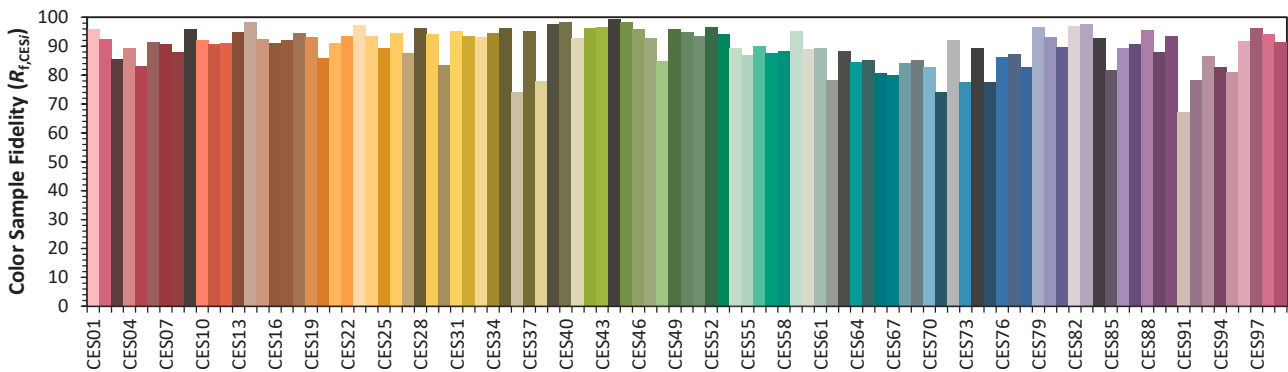
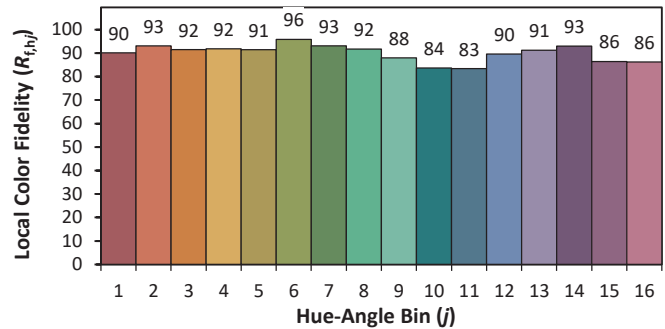
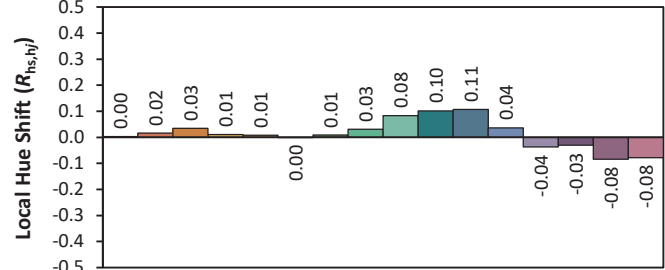
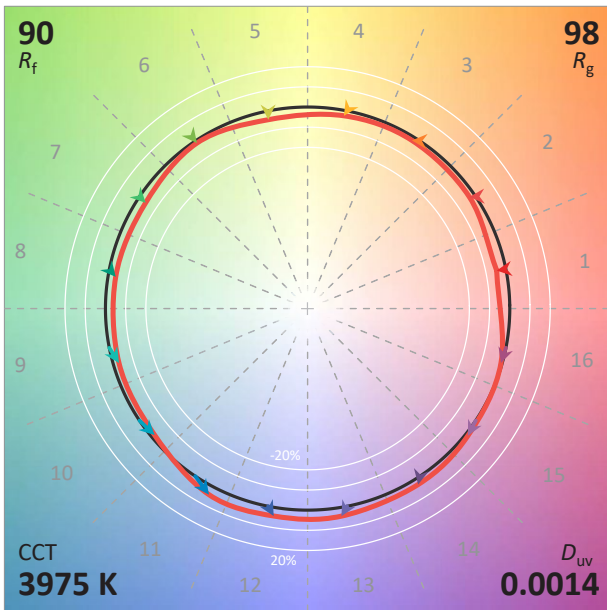
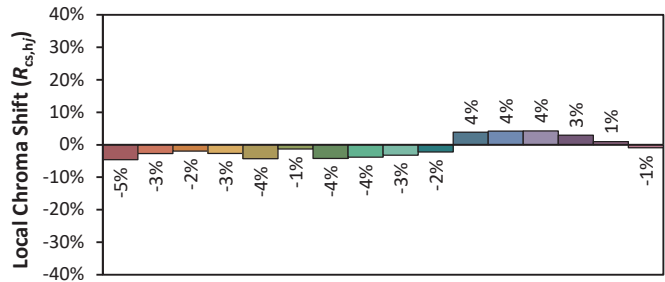
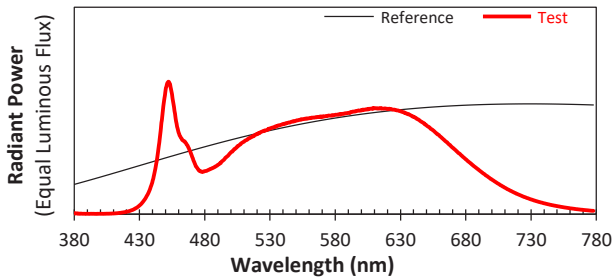
Suffix

Standard	-000
DALI/STD terminal block	-200
Tunable White (DALI Type 8)	-220
Maintained emergency	-800
DALI monitored emergency	-801
Organic Response (SN3)	-950

Multifive LED

TM-30-18 Colour Rendition Report

EL-MLD-2108 - 21W 3050LM 940 1200x300



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x 0.3826
 y 0.3811
 u' 0.2248
 v' 0.5038

CIE 13.3-1995 (CRI)	
R_a	93
R_g	66

Colors are for visual orientation purposes only. Created with the ANSI/IES TM-30-18 Calculator Version 2.00.