

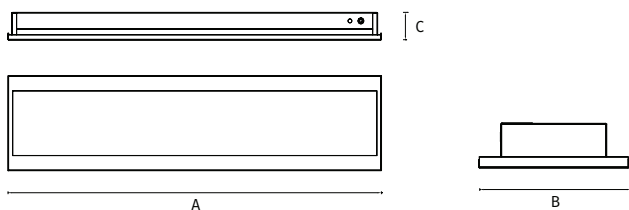


Exposed T-Bar Installation



Key Family Details	
Optical System:	Diffuser
Mounting Type:	Exposed T-bar
Colour Consistency Initial:	3 SDCM
Finish Options:	Standard white
System Warranty:	5 years
CRI (Ra):	90+
CCT:	4000K
R9:	65+
COI Compliant:	Yes (<=2.2)
Melanopic Ratio	0.73

Mechanical Drawing								
Physical Parameters	Luminaire Dimensions			Aperture Size		Cutout Size		Weight
Code	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	A _{cut} [mm]	B _{cut} [mm]	[kg]
EL-FTL -2192-000	593	293	85	-	-	-	-	2.8
EL-FTL -2179-000	593	593	85	-	-	-	-	5.0
EL-FTL -2149-000	1193	293	85	-	-	-	-	5.0
EL-FTL -2193-000	1493	293	85	-	-	-	-	6.5



Application

The Flexitroffer LED is a general purpose luminaire that is suitable for exposed T-Bar and plaster recessed mounting.

Design

The electronic driver is mounted to the rear of the luminaire, in an isolated thermal chamber. By separating the driver, the LEDs within the luminaire are kept at their lowest possible operating temperature. This ensures that the Flexitroffer LED can offer the longest possible lifetime of its LED components.

Optics

The combination of a V-shaped reflector and P5 diffuser have been used to mask the harsh micro points of LEDs.

Control

Various control options available via customisation in addition to Standard and DALI, including Organic Response.

Installation

Exposed T-Bar as standard, with Plaster Recessed and Surface Mount being available as options.

Emergency

Maintained non-monitored and DALI-monitored Emergency options.

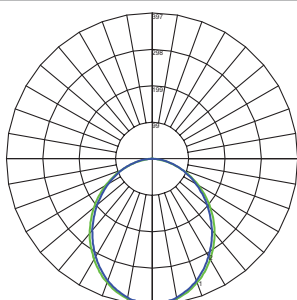
Notes

Air versions (Return or Supply) available via customisation.

Mounting Options

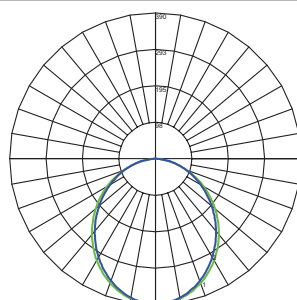
Plaster Recessed
Surface Mount
Seismic Restraint

Polar Curve 600x600 940



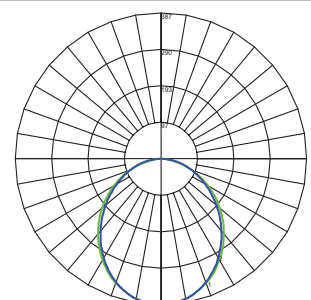
Maximum Candela = 397cd/klm
Located At Horizontal Angle = 45, Vertical Angle = 1

Polar Curve 1200x300 940



Maximum Candela = 390cd/klm
Located At Horizontal Angle = 0, Vertical Angle = 1

Polar Curve 1500x300 940



Maximum Candela = 387cd/klm
Located At Horizontal Angle = 67.5, Vertical Angle = 1

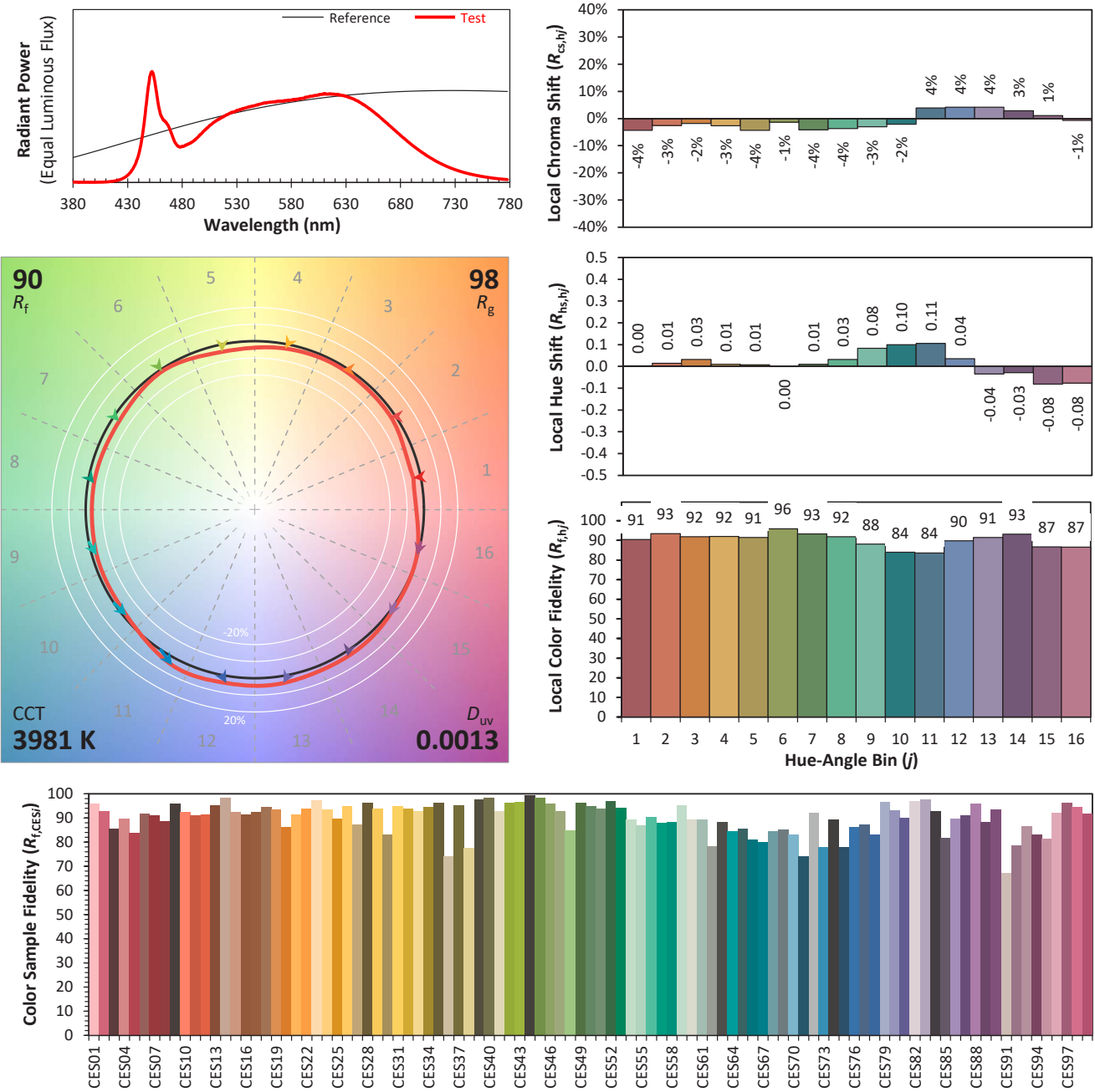


320 Lux Target Illuminance										
Code	Power [W]	Systems Lumens [lm]	Luminaire Lumens [lm]	Efficacy [lm/W]	Nominal Size [mmxmm]	Spacing (h=2.7m) [mxm]	W/m ²	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-FTL-2192-	13	1600	1261	100	600x300	n/a	-	-	43,000	>72000
EL-FTL-2179-	23	3250	2534	111	600x600	2.4m x 2.4m	3.95	21	43,000	>72000
EL-FTL-2149-	23	3250	2448	108	1200x300	2.4m x 2.4m	3.93	21	43,000	>72000
EL-FTL-2193-	28	4100	3213	116	1500x300	3.0m x 2.7m	3.41	21	43,000	>72000

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
Standard/Fused terminal block	-400
DALI/Fused terminal block	-600
Organic Response SN3	-950

EL-FTL-2149 - 23W 3250LM 940 600x600



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

x	0.3822
y	0.3807
u'	0.2247
v'	0.5036

CIE 13.3-1995 (CRI)

R_a 93

R_g 68

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