

Indigo Maestro Beta



Indigo Maestro Beta 600x300



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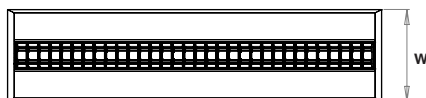
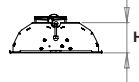
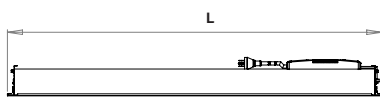
Key Family Details

Optical System:	Beta Louvre for the direct component, Diffuser for the indirect.
Mounting Type:	Exposed T-Bar
Colour Consistency Initial:	3 SDCM
Finish Options:	Standard white. Other finish options via customisation
System Warranty:	5 years
CCT:	4000K
CRI (Ra):	90+
R9:	59+
COI Compliant:	Yes
Melanopic Ratio	0.70

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-IMB-1001	593	293	99	-	-	-	-	4.8
EL-IMB-1007/-1009	593	593	120	-	-	-	-	5.1
EL-IMB-1003/-1005	1193	293	99	-	-	-	-	5.8
EL-IMB-1014	1493	293	99	-	-	-	-	7.5

EL-ACC-210-000	Restraint Kit - 4 x gripple, 2 x 2m wire
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Application

A premium luminaire for use in offices, education and in healthcare applications. This is a dual-light source LED luminaire delivering impressive efficacy values and optical performance that meets and exceeds BCA J6 requirements and is also suitable for WELL and Greenstar certifications.

Design

A member of the Indigo Maestro family, the luminaire is designed with human-centric lighting, glare-control and high efficiency in mind.

Optics

Low glare primary beam shaped by a Beta Louvre. The indirect secondary beam created by a concealed diffuser and optimally shaped by the secondary reflector.

Control

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

Emergency

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

Installation

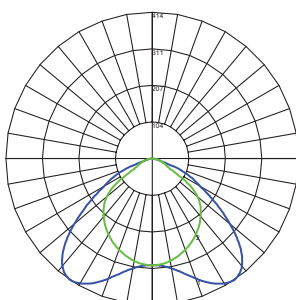
T-Bar as standard. Plaster Recessed and Surface Mounted kits available as standard options

- Restraint Kit available.

Mounting Options

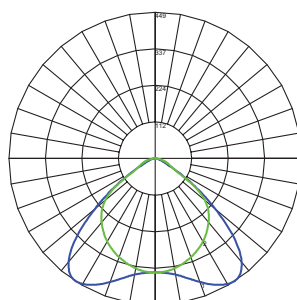
- Plaster Recessed via Recessing kit
- Surface Mount via Surface Mounting kit

Polar Curve 600x600 940



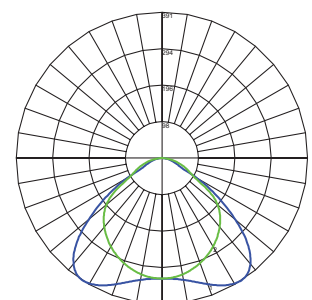
Maximum Candela = 414cd/klm
Located At Horizontal Angle = 90, Vertical Angle = 34

Polar Curve 1200x300 940



Maximum Candela = 449cd/klm
Located At Horizontal Angle = 90, Vertical Angle = 33

Polar Curve 1500x300 940



Maximum Candela = 391cd/klm
Located At Horizontal Angle = 90, Vertical Angle = 32.5

Indigo Maestro Beta



320 Lux Target Illuminance

Code	Power [W]	Systems Lumens [lm]	Luminaire Lumens [lm]	Efficacy [lm/W]	Nominal Size [mmxmm]	Spacing (h=2.7m) [m x m]	W/m ²	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-IMB-1001-	16	2115	1352	85	600x300	-	-	-	52,000	>72,000
EL-IMB-1007-	27	3575	2381	89	600x600	2.4 x 2.4m	4.66	19	52,000	>72,000
EL-IMB-1009-	32	4210	2839	89	600x600	2.4 x 3.0m	4.45	19	52,000	>72,000
EL-IMB-1003-	26	3515	2362	90	1200x300	2.4 x 2.4m	4.53	19	52,000	>72,000
EL-IMB-1014-	41	5875	3644	89	1500x300	3.0 x 3.0m	4.57	19	52,000	>72,000
EL-ACC-210-000	Restraint Kit - 4 x gripple, 2 x 2m wire									

400 Lux Target Illuminance

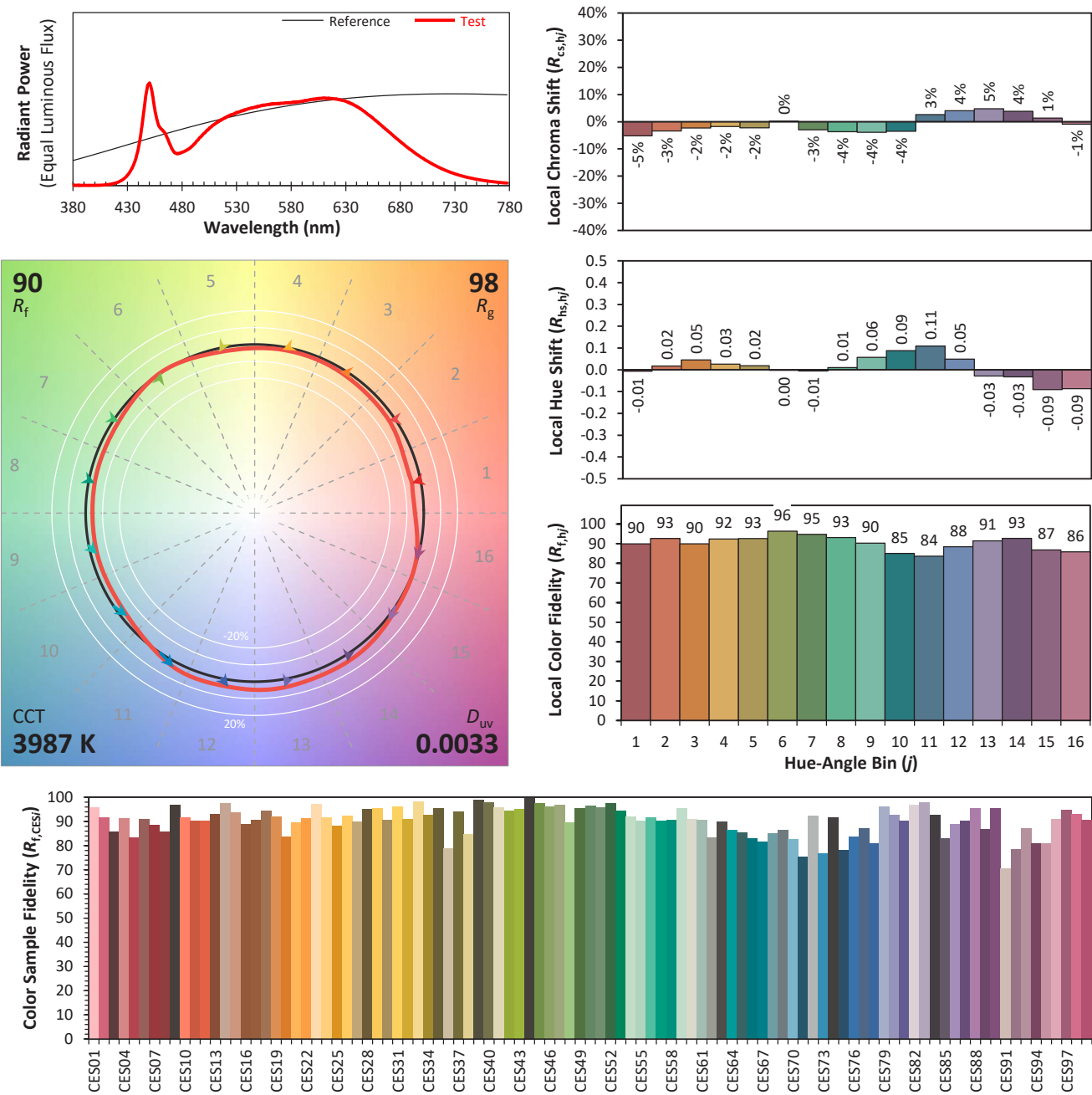
Code	Power [W]	Systems Lumens [lm]	Luminaire Lumens [lm]	Efficacy [lm/W]	Nominal Size [mmxmm]	Spacing (h=2.7m) [m x m]	W/m ²	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-IMB-1005-	31	4100	2807	91	1200x300	2.4 x 3.0m	4.28	16	52,000	>72,000
EL-ACC-210-000	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) (300mm wide variants require a remote node)	-950

TM-30-18 Colour Rendition Report

EL-IMB-1007 - 27W 3575LM 940 600x600



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

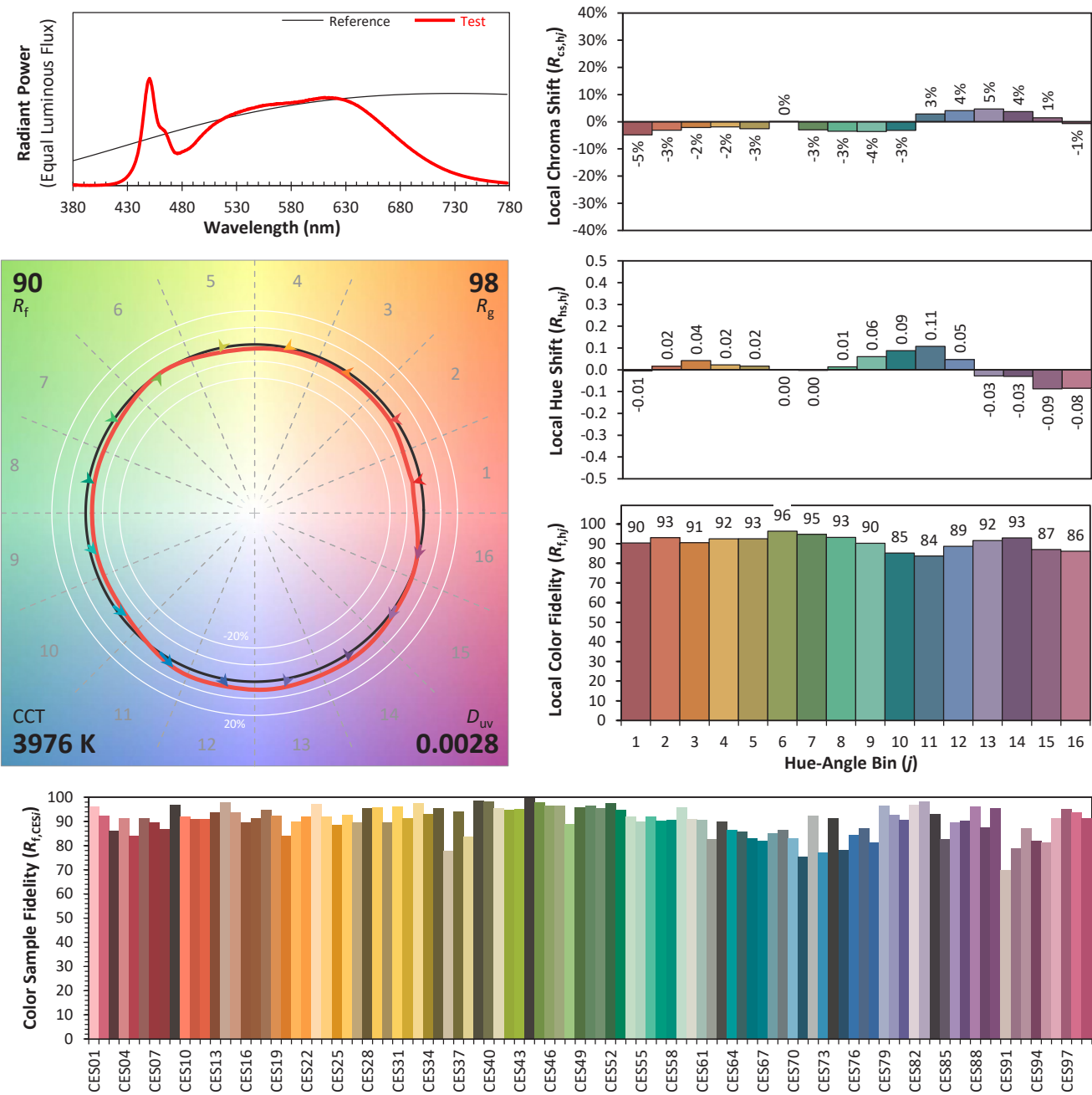
x	0.3834
y	0.3857
u'	0.2235
v'	0.5059

CIE 13.3-1995 (CRI)	
R_a	91
R_g	59

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

TM-30-18 Colour Rendition Report

EL-IMB-1003 - 26W 3515LM 940 1200x300



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

x	0.3835	CIE 13.3-1995 (CRI)	
y	0.3847		
u'	0.2240		
v'	0.5055		
		R_a	92
		R_g	62

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