

# Indigo Maestro Beta

## Concealed Air



600x600mm



Concealed Air Slots



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
CRI (Ra):	90+
CCT:	4000K
R9:	50+
COI Compliant:	Yes
Melanopic Ratio	0.70

### Application

An air-enabled 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

The air slots, completely invisible due to the unique design, deliver an exceptional performance in terms of both airflow and noise figures as proven by accredited laboratory test results. A member of the Indigo Maestro Beta 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.

### Installation

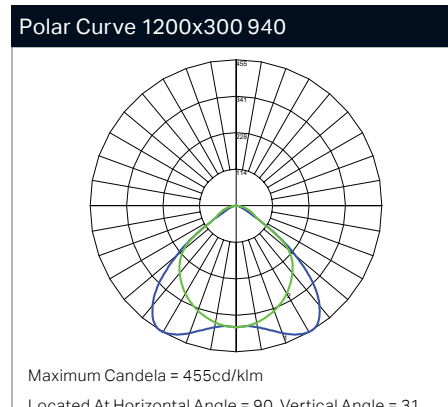
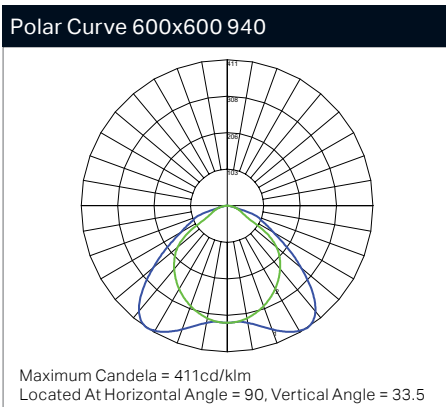
T-Bar as standard. Plaster Recessed and Surface Mounted kits available as standard

Restraint Kit available.

Emergency

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

Mechanical Drawing								
Physical Parameters	Luminaire Dimensions			Aperture Size		Cutout Size		Weight
Code	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Acout [mm]	Bcout [mm]	[kg]
EL-IMBC-1852/-1853	593	593	99	-	-	-	-	5.1
EL-IMBC-1850/-1851	1193	293	99					5.8
EL-ACC-210-000	Restraint Kit - 4 x gripple, 2 x 2m wire							



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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) [m x m]	W/m <sup>2</sup>	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-IMBC-1852-000	25	3500	2373	96	600x600	2.4 x 2.4m	4.29	19	51,000	>72,000
EL-IMBC-1850-000	26	3700	2364	91	1200x300	2.4 x 2.4m	4.51	19	52,000	>72,000
EL-IMBC-1851-000	31	4400	2768	91	1200x300	2.4 x 3.0m	4.25	19	51,000	>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 <sup>2</sup>	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-IMBC-1853-000	30	4100	2804	93	600x600	2.4 x 2.4m	5.14	19	50,000	>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

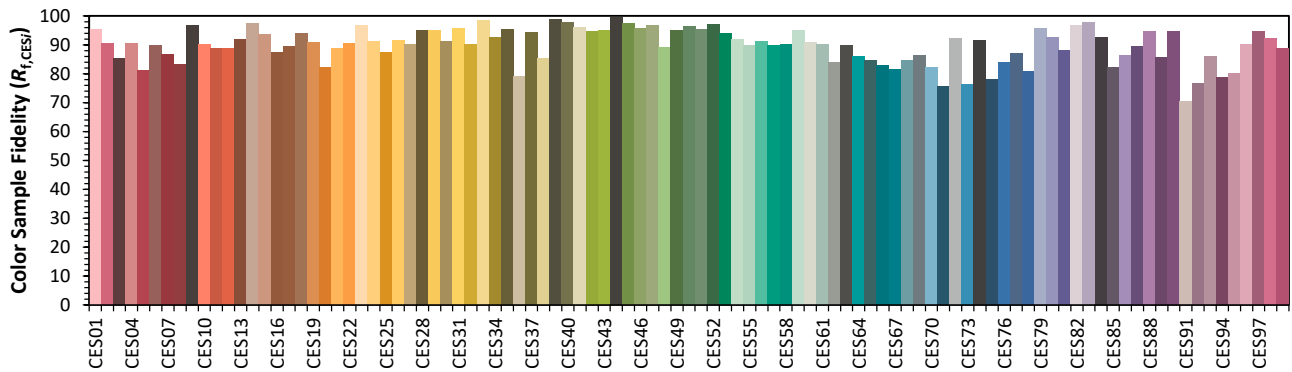
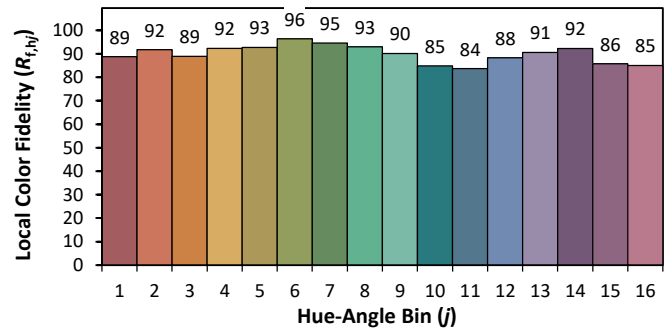
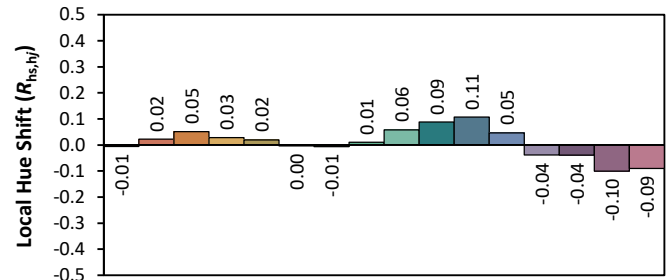
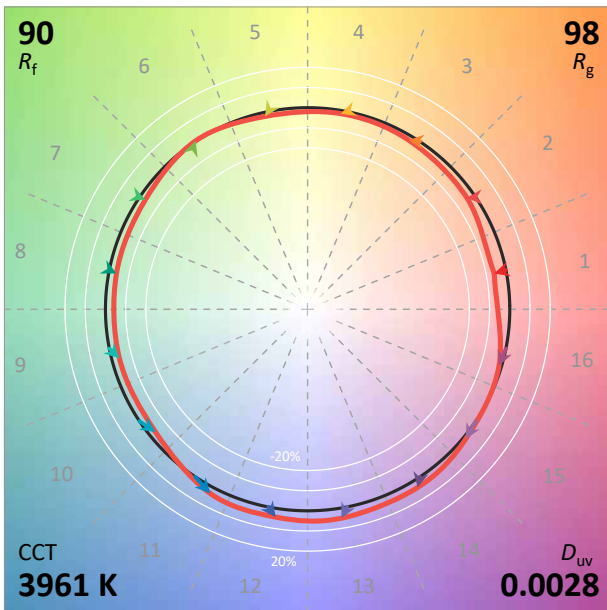
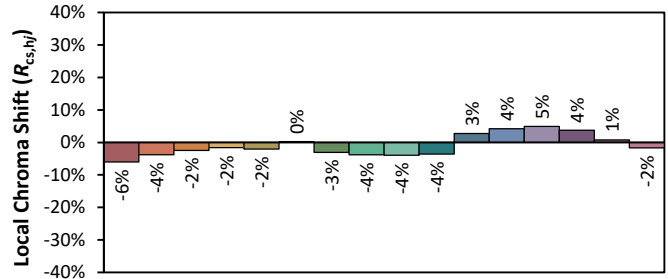
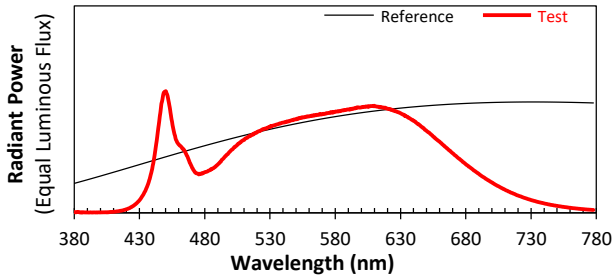
Standard	-000
DALI/STD terminal block	-200
Tuneable White (DALI Type 8)	-220
Maintained emergency	-800
DALI monitored emergency	-801
Organic Response (SN3)	-950

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## Concealed Air

### TM-30-18 Colour Rendition Report

EL-IMBC-1852 - 25W 3500LM 940 600x600



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

$x$  0.3842  
 $y$  0.3851  
 $u'$  0.2243  
 $v'$  0.5057

CIE 13.3-1995	
(CRI)	
$R_a$	90
$R_g$	53

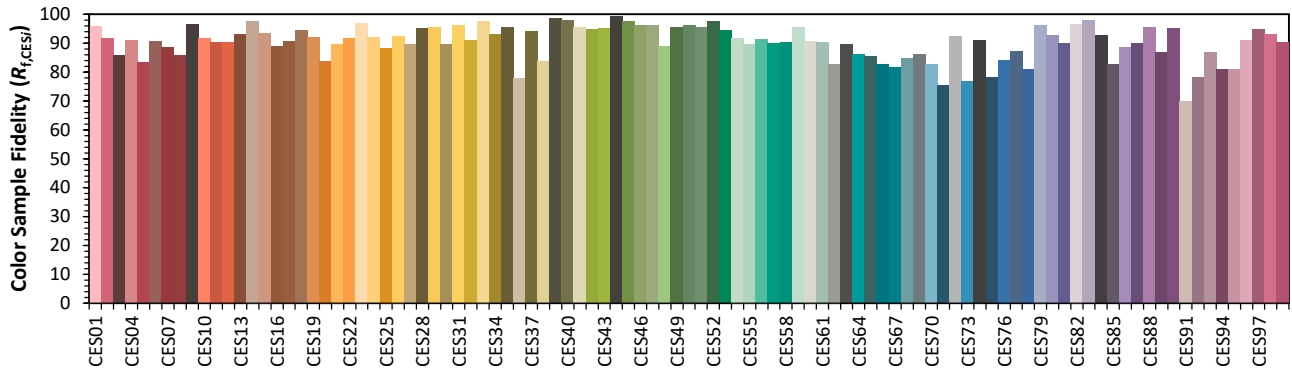
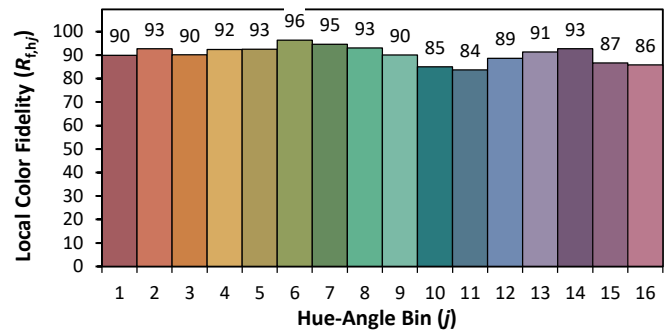
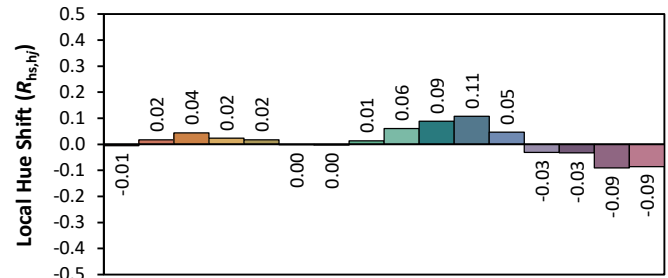
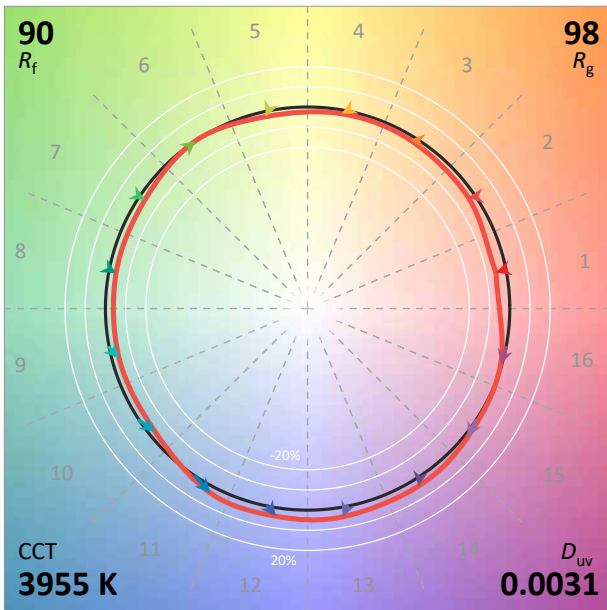
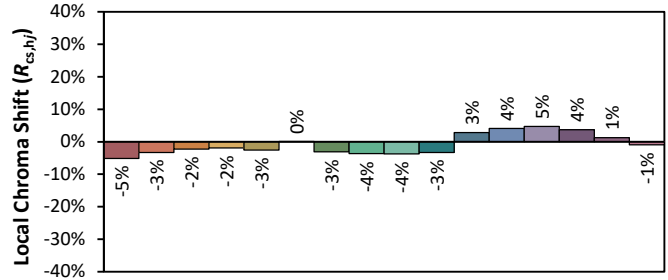
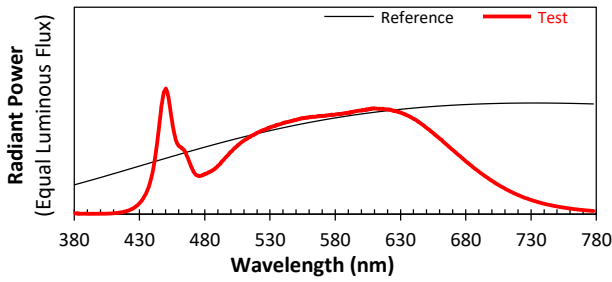
Colors are for visual orientation purposes only. Created with the ANSI/IES TM-30-18 Calculator Version 2.00.

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## Concealed Air

### TM-30-18 Colour Rendition Report

EL-IMBC-1850 - 26W 3700LM 940 1200x300



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

$x$  0.3847  
 $y$  0.3861  
 $u'$  0.2242  
 $v'$  0.5063

CIE 13.3-1995	
(CRI)	
$R_a$	91
$R_g$	60

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