

Enviro Evoline 300



End Cap and Matte Diffuser

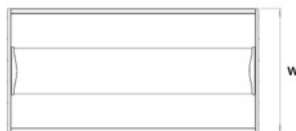
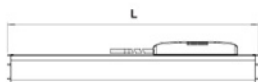


Key Family Details

Optical System:	Opal diffuser + Secondary reflector
Mounting Type:	Exposed T-Bar
Colour Consistency Initial:	3 SDCM
Finish Options:	Standard white
System Warranty:	5 years
CCT:	4000K
CRI (Ra):	90+
R9:	50+
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-EVO-1180/-1183	592	292	67	-	-	-	-	2.0
EL-EVO-1181/-1184	1192	292	67	-	-	-	-	2.7
EL-EVO-1182/-1185	1492	292	67	-	-	-	-	3.5
EL-ACC-210-000	Restraint Kit - 4 x gripple, 2 x 2m wire							



Application

The Enviro Evoline has been designed to meet the demanding requirements for office lighting in Australia and New Zealand.

Design

With its sleek, minimal and modern look it has one of the best vertical illuminance performances within the ELA family of recessed luminaires. The molded end caps, which seamlessly join the diffuser to the body complete this locally designed, tested and manufactured luminaire.

Optics

The extruded central diffuser offers good glare control whilst the curved back reflector spreads light to achieve a wide beam without causing glare and to help reduce contrast on the ceiling.

Control

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

Installation

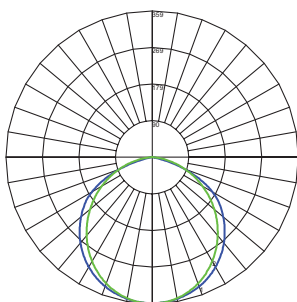
T-Bar as standard. Plaster Recessed and Surface Mounted kits available as standard options.

- Restraint Kit available.

Mounting Options

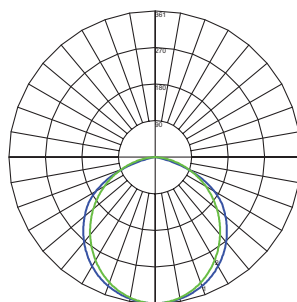
- Plaster Recessed via Recessing kit
- Surface Mount via Surface Mounting kit

Polar Curve 1200x300 940



Maximum Candela = 359cd/klm
Located At Horizontal Angle = 25.5, Vertical Angle = 1

Polar Curve 1500x300 940



Maximum Candela = 361cd/klm
Located At Horizontal Angle = 67.5, Vertical Angle = .5

Enviro Evoline 300



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/m2	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-EVO-1180-000	10	1400	1183	115	600x300	-	-	-	52,000	>72,000
EL-EVO-1181-000	20	2700	2407	120	1200x300	2.4m x 2.4m	3.49	19	52,000	>72,000
EL-EVO-1182-000	24	3450	2945	121	1500x300	3.0m x 2.4m	3.38	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/m2	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-EVO-1183-000	12	1650	1423	116	600x300	-	-	-	52,000	>72,000
EL-EVO-1184-000	24	3300	2983	123	1200x300	2.4m x 2.4m	4.21	19	52,000	>72,000
EL-EVO-1185-000	29	4100	3607	123	1500x300	3.0m x 2.4m	4.08	19	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.

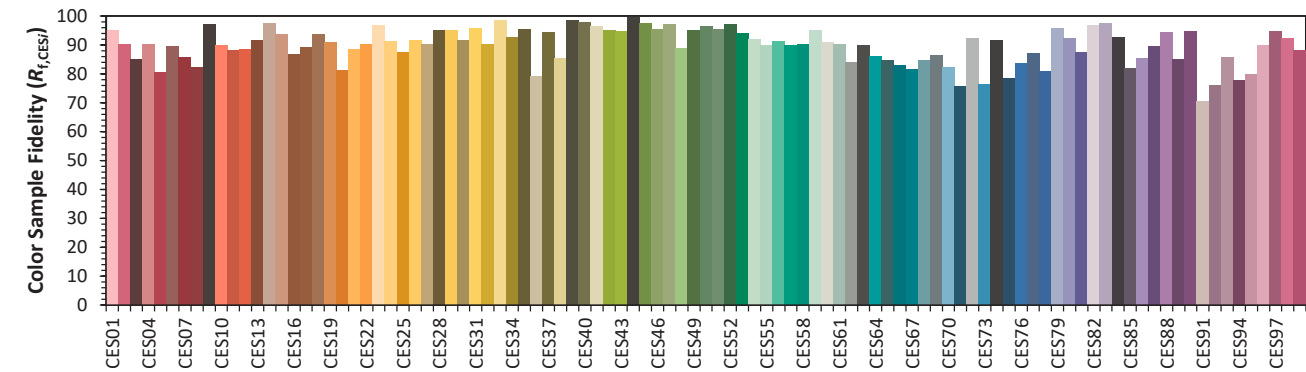
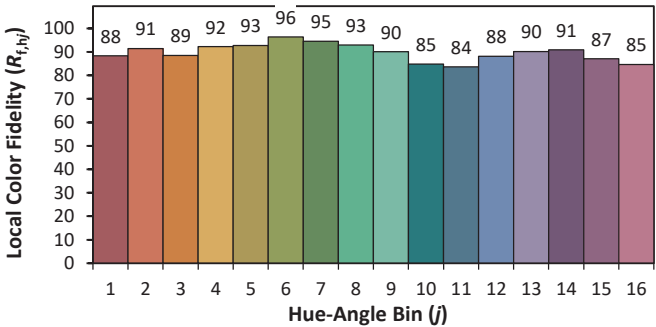
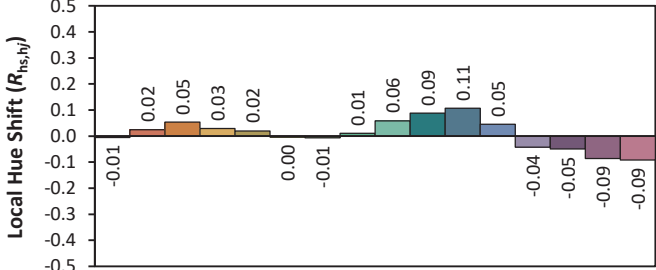
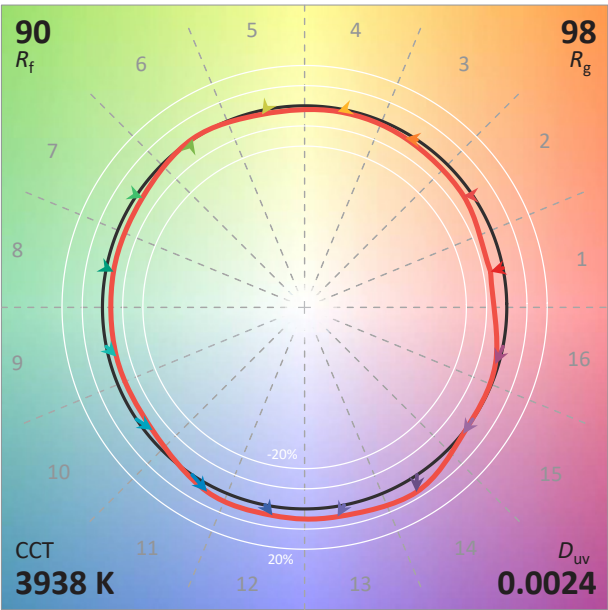
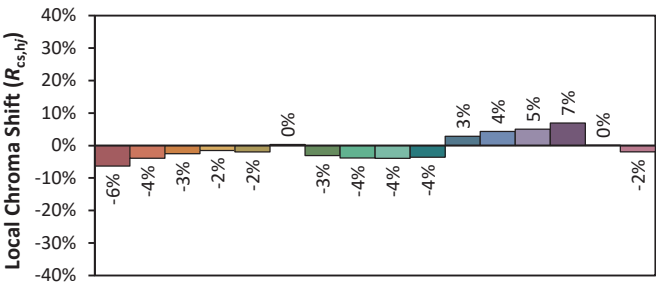
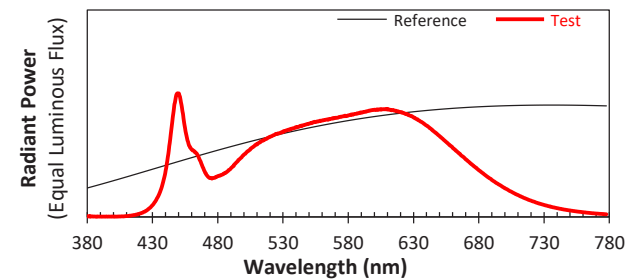
Wiring options	Suffix
Standard	-000
DALI/STD terminal block	-200
Tunable White (DALI Type 8)	-220
Organic Response (SN3)	-950

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TM-30-18 Colour Rendition Report

EL-EVO-1181 - 20W 2700LM 940 1200x300



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

x 0.3850
y 0.3848
u' 0.2249
v' 0.5058

CIE 13.3-1995 (CRI)	
R _a	90
R ₉	50

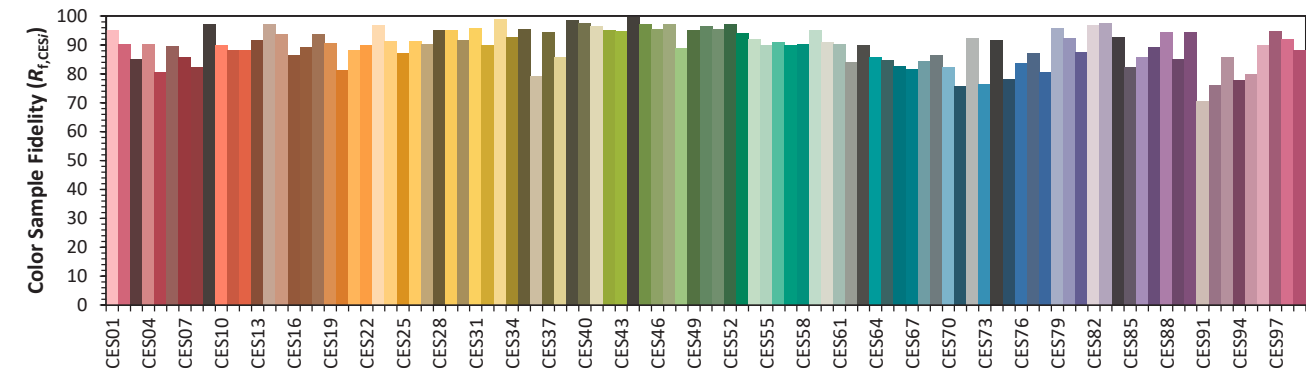
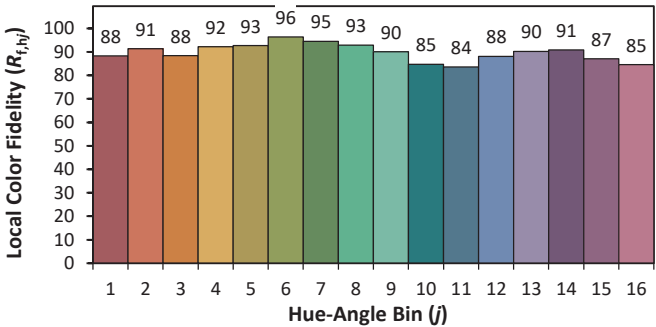
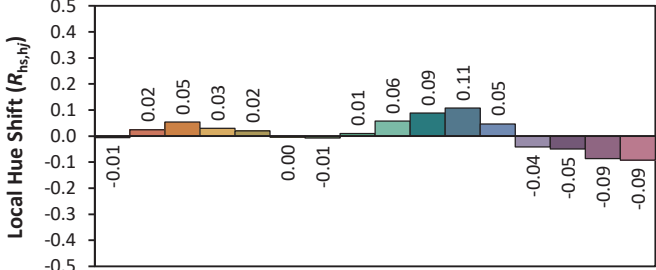
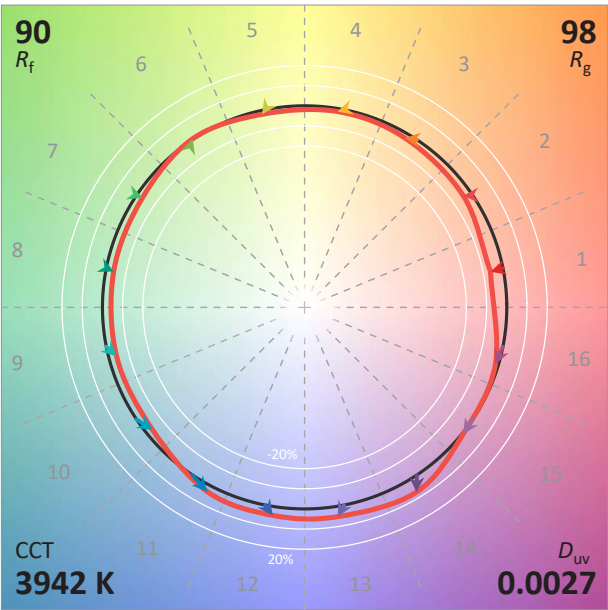
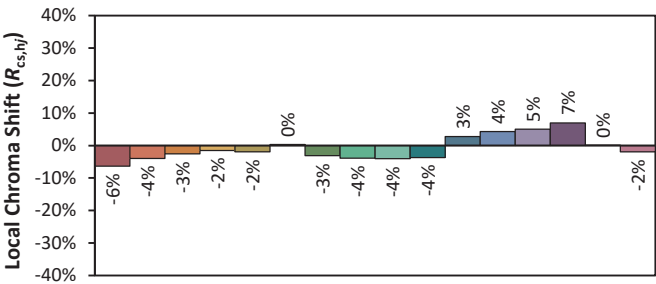
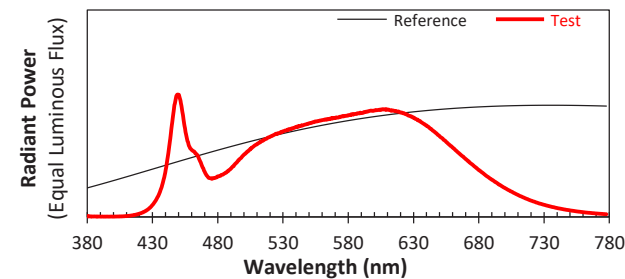
Colors are for visual orientation purposes only. Created with the ANSI/IES TM-30-18 Calculator Version 2.00.

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TM-30-18 Colour Rendition Report

EL-EVO-1182 - 24W 3450LM 940 1500x300



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

x 0.3850
y 0.3855
u' 0.2247
v' 0.5061

CIE 13.3-1995 (CRI)	
R _a	90
R _g	50

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