

# Enviro Evoline 600



Enviro Evoline 600 600x600



## 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+

## Application

The 600mm-wide versions of the Enviro Evoline have been designed to meet the demanding requirements for office lighting in Australia and New Zealand.

## Design

The Enviro Evoline family has one of the best vertical illuminance performances across the ELA range of recessed luminaires. The moulded 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.

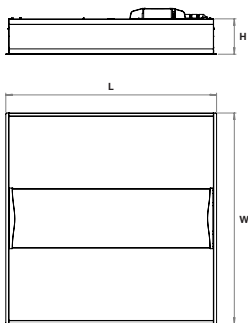
## Installation

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

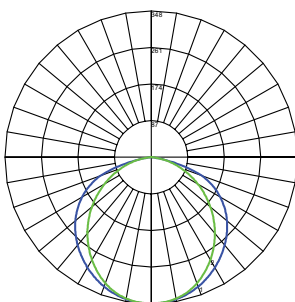
- Restraint Kit available.
- Mounting Options
- Plaster Recessed via Recessing kit
- Surface Mount via Surface Mounting kit

## Mechanical Drawing

Physical Parameters	Luminaire Dimensions			Aperture Size		Cutout Size		Weight
Code	L [mm]	W [mm]	H [mm]	D [mm]	E [mm]	A <sub>cut</sub> [mm]	B <sub>cut</sub> [mm]	[kg]
EL-EVO-1530/-1531	593	593	100	-	-	-	-	3.4
EL-EVO-1532/-1533	1193	593	100	-	-	-	-	5.8
EL-ACC-210-000	Restraint Kit - 4 x gripple, 2 x 2m wire							

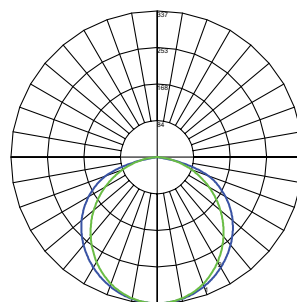


## Polar Curve 600x600 940



Maximum Candela = 348cd/klm  
Located At Horizontal Angle = 90, Vertical Angle = .5

## Polar Curve 1200x600 940



Maximum Candela = 337cd/klm  
Located At Horizontal Angle = 22.5, Vertical Angle = 1

# Enviro Evoline 600



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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/m2	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-EVO-1530-000	20	2850	2373	117	600 x 600	2.4m x 2.4m	3.52 (Complies with J6)	19	52,000	>72,000
EL-EVO-1532-000	23	2900	2548	111	1200 x 600	2.4m x 2.4m	3.11 (Complies with J6)	19	50,000	>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-1531-000	27	3350	3029	114	600 x 600	2.4m x 2.4m	4.61 (Complies with J6)	22	52,000	>72,000
EL-EVO-1533-000	27	3400	3008	112	1200 x 600	2.4m x 2.4m	4.65 (Complies with J6)	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

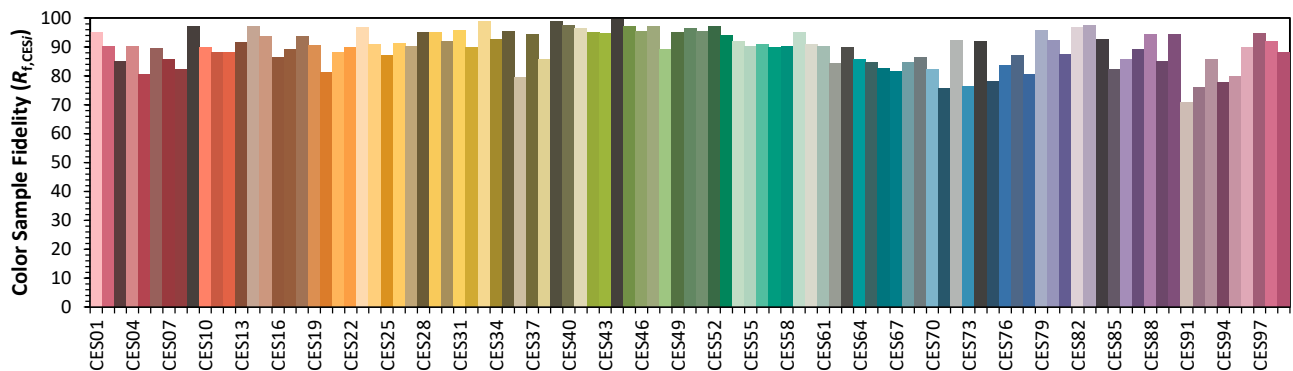
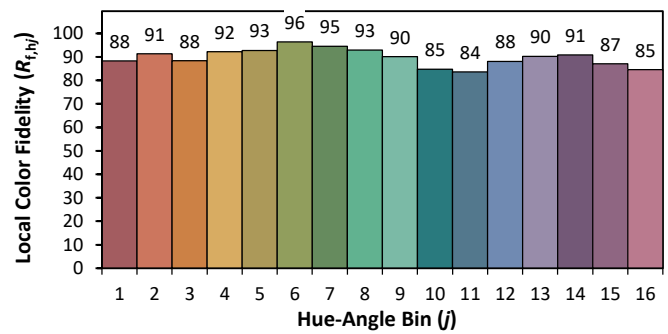
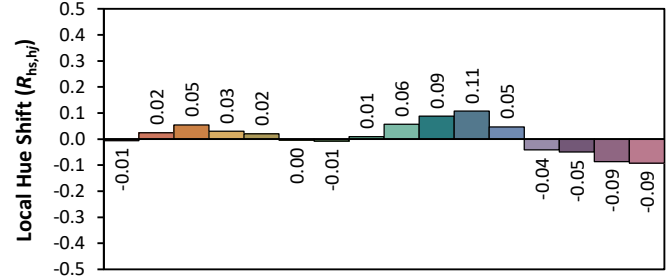
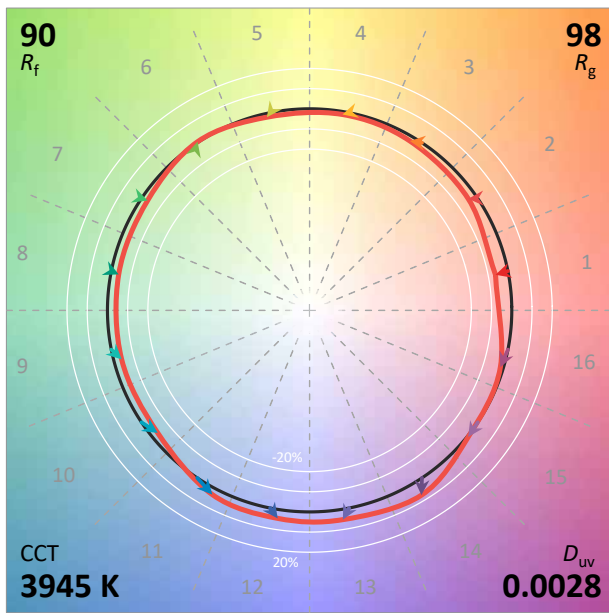
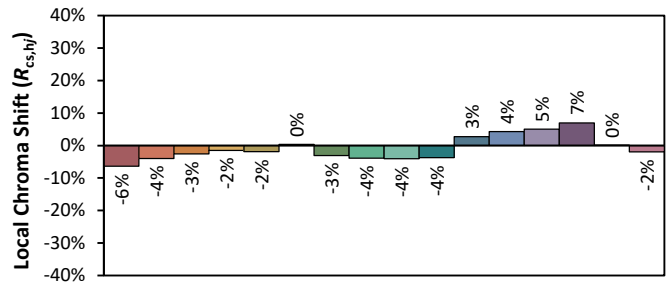
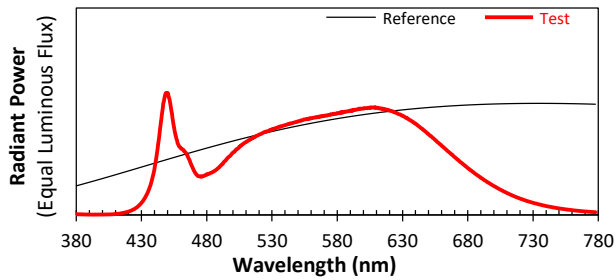
Standard	-000
DALI/STD terminal block	-200
Tunable White (DALI Type 8)	-220
Organic Response (SN3)	-950

# Enviro Evoline 600



## TM-30-18 Colour Rendition Report

EL-EVO-1530 - 20W 2850LM 940 600x600



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

$x$  0.3849  
 $y$  0.3855  
 $u'$  0.2246  
 $v'$  0.5061

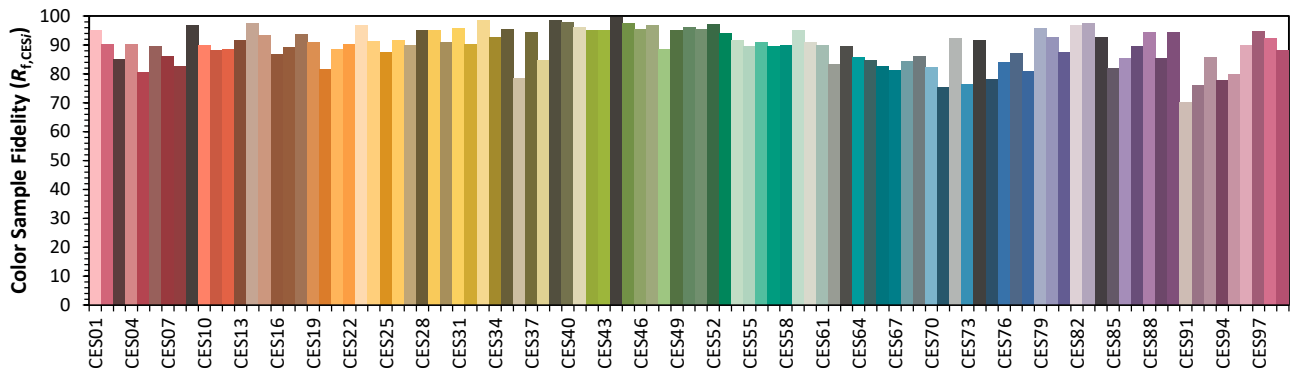
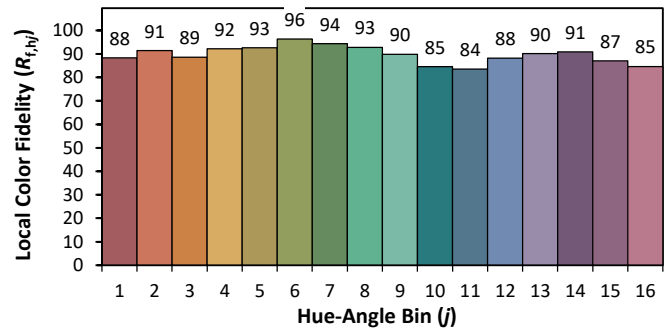
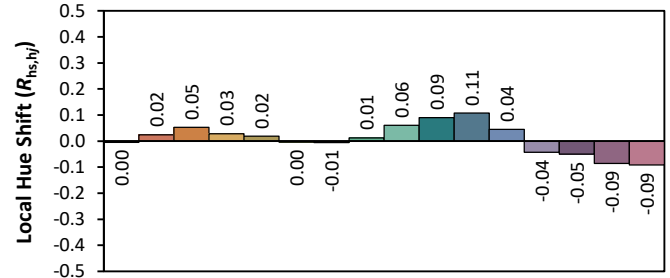
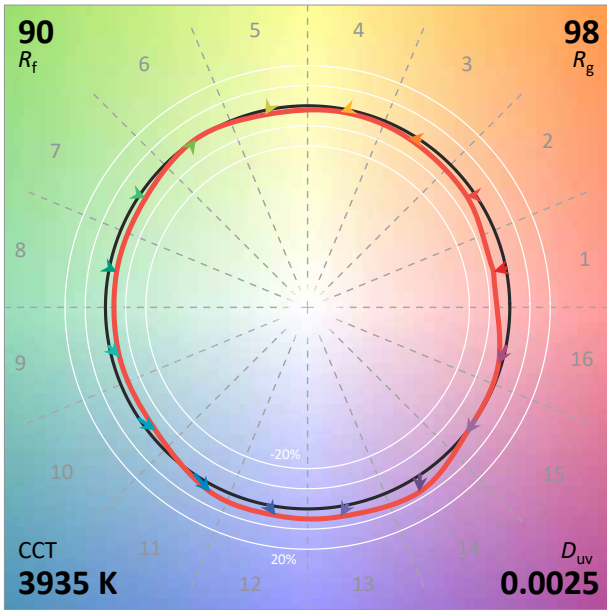
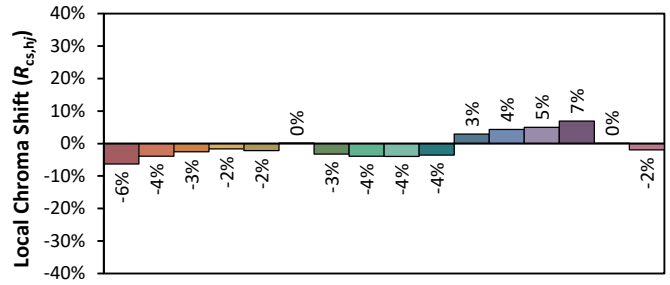
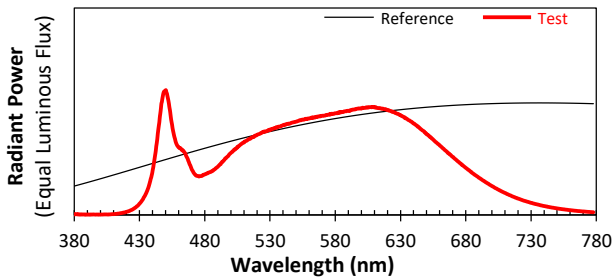
CIE 13.3-1995 (CRI)	
$R_a$	90
$R_g$	50

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

# Enviro Evoline 600

## TM-30-18 Colour Rendition Report

EL-EVO-1531 - 27W 3350LM 940 1200x600



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

$x$  0.3853  
 $y$  0.3852  
 $u'$  0.2249  
 $v'$  0.5060

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.