

RapidLED



Quick Release

Quick Connect

Application

Designed for ambient temperatures of up to $T_a=40^{\circ}\text{C}$, this extremely efficient fitting is suitable for a very wide range of indoor applications where an affordable and reliable, install-and-forget LED batten with high efficacy and long lifetime is what is required.

Design

Ease and speed of installation was the key concept in developing the ELA RapidLED. Installing and servicing the product can be performed extremely quickly and efficiently thanks to the unique locking mechanism that holds the diffuser securely in place and releases it with a single push using the provided release tool.

Optics

Opal diffuser.

Control

Non-dim and DALI as standard. eSense SmartSwitch and eSense Detect available as options (1200mm versions only).

Emergency

Maintained DALI and maintained non-monitored emergency options (1200mm versions only).

Accessories

Wireguard Frame

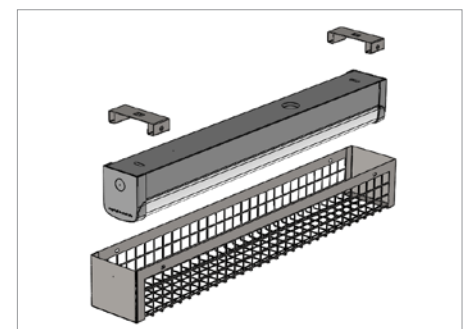
VEET/VEU Application ID – 8117

Registrar address: <https://www.veu-registry.vic.gov.au/Public/ProductRegistrySearch.aspx>

(Note: Produce Category:34(18) - Building based lighting upgrade)

iPart Reference No – 96178S13-IDVFFR

Registrar address: https://www.elt.ess.nsw.gov.au/Product_Search

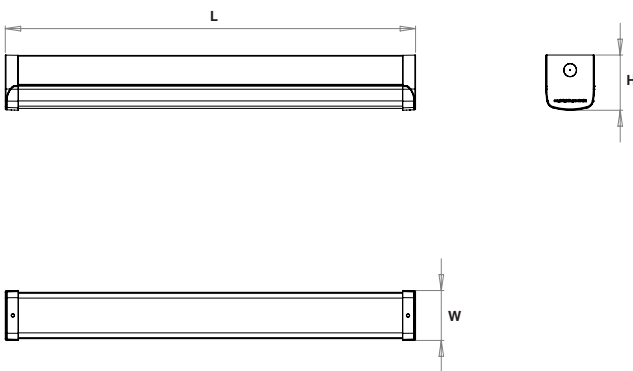


Key Family Details

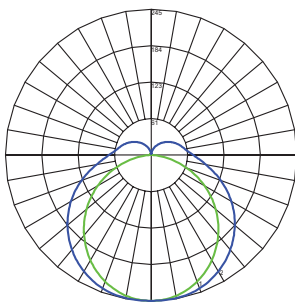
Optical System:	Diffuser
Mounting Type:	Surface mounted
Colour Consistency Initial:	3 SDCM
Finish Options:	Standard White
System Warranty:	5 years
CCT:	4000K
CRI (Ra):	80+
R9:	0+
COI Compliant:	n/a
Melanopic Ratio	0.65+

Mechanical Drawing

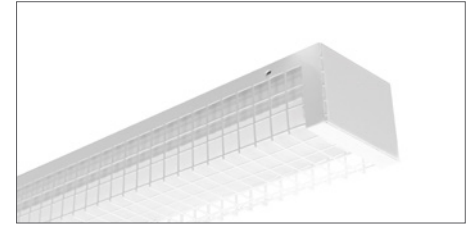
Physical Parameters	Luminaire Dimensions			Aperture Size		Cutout Size		Weight
Code	L [mm]	W [mm]	H [mm]	D [mm]	E [mm]	Acout [mm]	Bcout [mm]	[kg]
EL-RPL-1100/-1101	640	80	80	-	-	-	-	1.2
EL-RPL-1102/-1103	1200	80	80	-	-	-	-	2.2
EL-ACC-131-000	Wire guard kit TS RapidLED 600mm							
EL-ACC-130-000	Wire guard kit TS RapidLED 1200mm							



Polar Curve 1200x80 840



Maximum Candela = 245cd/klm
Located At Horizontal Angle = 0, Vertical Angle = 0



Wireguard Cover

Optical Performance										
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 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-RPL-1100-	8	1250	1089	130	640x80	n/a	n/a	n/a	75,000*	>72,000*
EL-RPL-1101-	15	2350	2055	135	640x80	n/a	n/a	n/a	64,000*	>72,000*
EL-RPL-1102-	14	2350	2057	143	1200x80	n/a	n/a	n/a	76,000*	>72,000*
EL-RPL-1103-	28	4450	3915	141	1200x80	n/a	n/a	n/a	62,000*	>72,000*
EL-ACC-131-000	Wire guard kit TS RapidLED 600mm									
EL-ACC-130-000	Wire guard kit TS RapidLED 1200mm									

*LIFETIME VALUES ARE VALID FOR Ta=40°C HIGH TEMPERATURE ENVIRONMENT

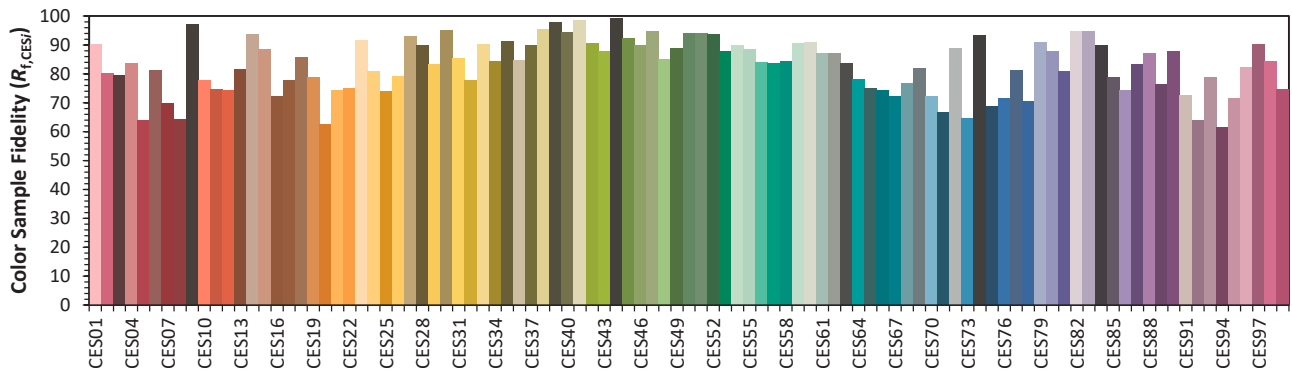
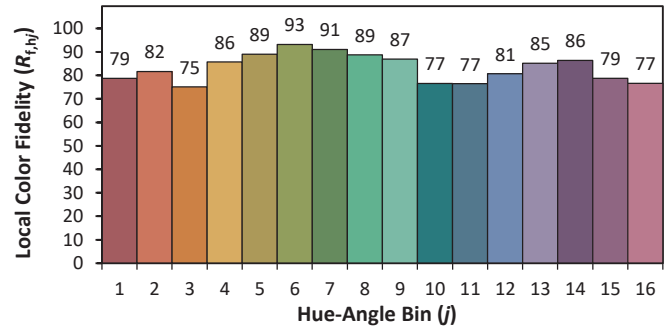
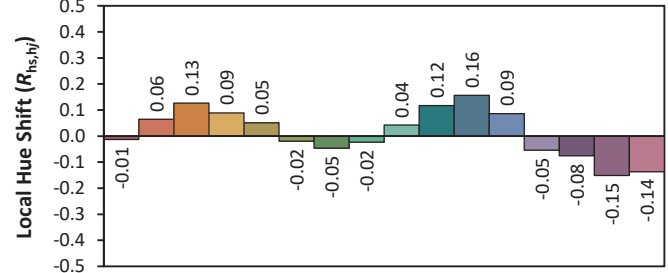
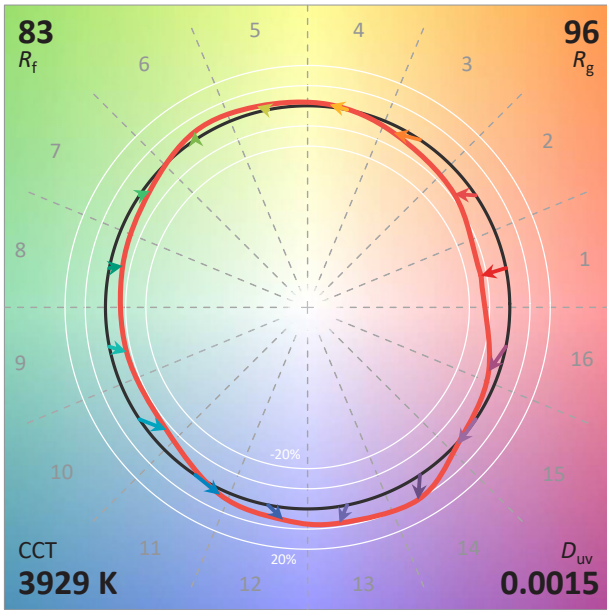
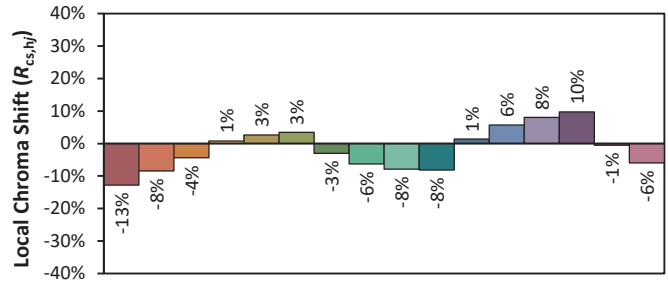
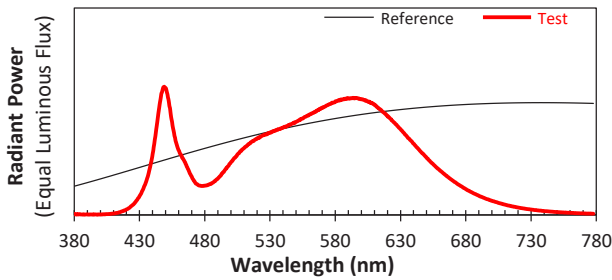
Emergency Versions										
Code	Power [W]	Systems Lumens [lm]	Luminaire Lumens [lm]	Efficacy [lm/W]	Nominal Size [mmxmm]	Emergency Classification	W/m ²	Calculated UGR max	LLMF L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-RPL-1103-800/-801	32	4450	3915	122	1200x80	C0: D80, C90: D50	-	-	62,000*	>72,000*
EL-ACC-131-000	Wire guard kit TS RapidLED 600mm									
EL-ACC-130-000	Wire guard kit TS RapidLED 1200mm									

*LIFETIME VALUES ARE VALID FOR Ta=40°C HIGH TEMPERATURE ENVIRONMENT

Wiring options	Suffix
Standard	-000
DALI/STD terminal block	-200
Maintained emergency (1200mm only)	-800
DALI monitored emergency (1200mm only)	-801
eSense smartSWITCH	-902
eSense Detect On/Off	-910

TM-30-18 Colour Rendition Report

EL-RPL-1101 - 8W 1250LM 840 640x80



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

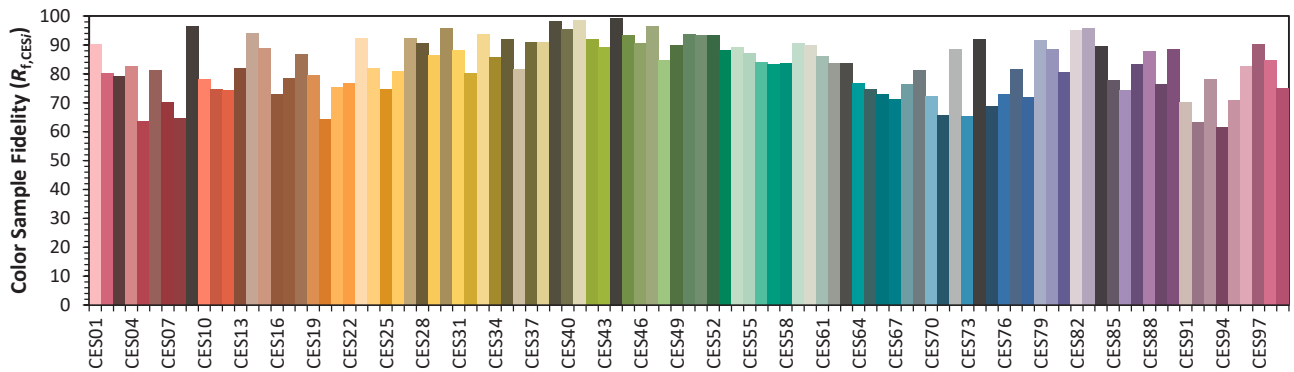
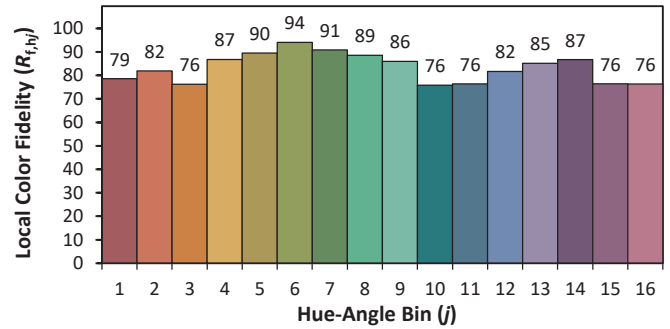
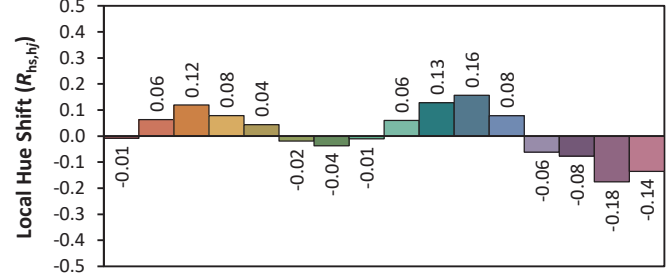
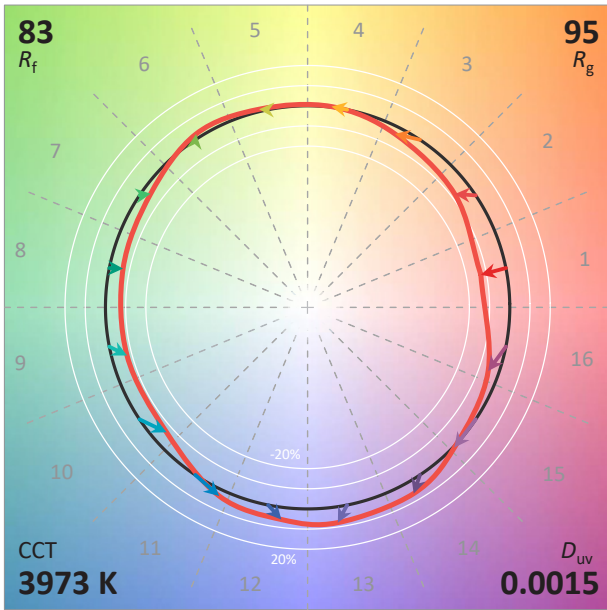
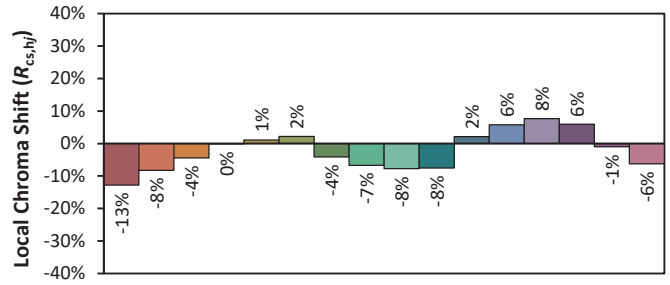
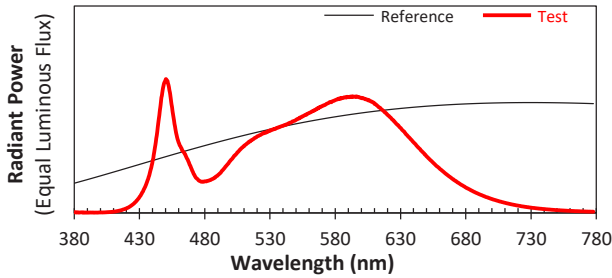
x 0.3847
 y 0.3826
 u' 0.2256
 v' 0.5048

CIE 13.3-1995 (CRI)	
R_a	81
R_9	0

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-RPL-1103 - 28W 4450LM 840 1200x80



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

x 0.3827
 y 0.3815
 u' 0.2247
 v' 0.5040

CIE 13.3-1995 (CRI)	
R_a	81
R_g	1

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