

Secureroom IP65



Safety lanyards



Toggle arms



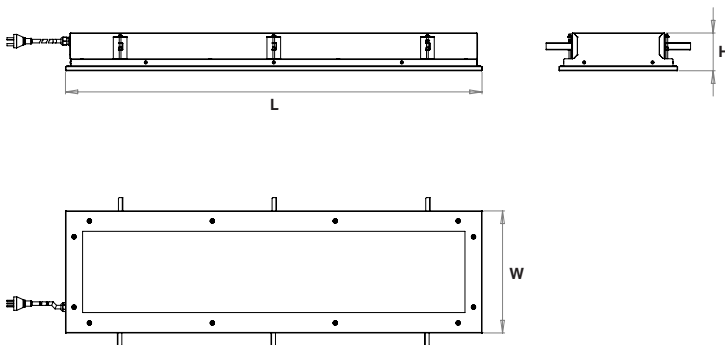
Secure Torx screws

Key Family Details

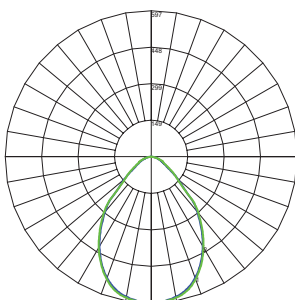
Optical System:	Delta Diffuser + Microstructured Control Film + PC Clear Wipedown
Mounting Type:	Plaster Recessed
Colour Consistency Initial:	3 SDCM
Finish Options:	Standard white. Other finishes via customisation
System Warranty:	5 years
CRI (Ra):	90+
CCT:	4000K
R9:	65+
COI Compliant:	Yes (<=2.2)
Melanopic Ratio	Up to 0.72

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-SR65L-3102,-3103,-3108	660	347	108	-	-	635	325	7.0
EL-SR65L-5102,-5103,-5108	678	678	108	-	-	655	655	13.0
EL-SR65L-1102,-1103,-1108	1220	347	108	-	-	1195	325	12.7

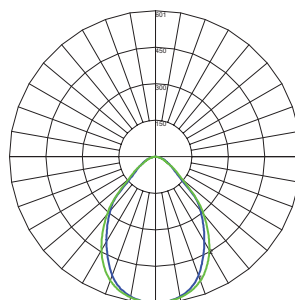


Polar Curve 680x680 940



Maximum Candela = 597cd/klm
Located At Horizontal Angle = 0, Vertical Angle = 1

Polar Curve 1220x350 940



Maximum Candela = 601cd/klm
Located At Horizontal Angle = 90, Vertical Angle = 0.5

Application

Suitable for diverse applications such as PC2 laboratories, hospitals, psychiatric wards, police stations, holding cells, high-security pharmaceutical manufacturing areas and applications where a clean and secure environment is required. The new generation is CRI90+. This range is COI compliant.

Design

Developed to meet the stringent requirements of specialist installations where fully sealed and robust luminaires are required, the SR65L family ticks all the boxes: IP65 from all angles, rated IK10, vandal-proof and anti-ligature.

Optics

Glare Reducing Delta Diffuser coupled with Microstructured Control Film and reinforced with a clear polycarbonate layer.

Control

The luminaire can be installed with separate switching/dimming depending on requirements. Other control types available on request.

- Night Light option available.

Installation

Plaster Recessed ceiling type as standard. Surface mounted, T-bar, Sandwich Panel versions available via customisation. Top-access option also available. Restraint kit as standard.

Emergency

Non-monitored and DALI-monitored Emergency options are available.

Notes

Other CCTs and additional/alternative light sources including Green, Blue, Royal Blue, Red, Deep Red and Multicolour options are also available for specialised applications.

- Antimicrobial powder coating as standard

Mounting Options

- T-Bar
- Surface Mount
- Top Access
- Sandwich Panel

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Optical Performance

Code	Power [W]	Systems Lumens [lm]	Luminaire Lumens [lm]	Efficacy [lm/W]	Size [mmxmm]	Spacing	W/m2	Calculated UGR max	LLMF TM21 L90 [hrs]	Lifetime TM21 L70 [hrs]
									LM80 duration: 12,000hrs	
EL-SR65L-3102-	16	2200	1423	90	660 x 347 x 108	-	-	-	52,000	>72,000
EL-SR65L-3103-	23	3300	2134	92	660 x 347 x 108	-	-	-	52,000	>72,000
EL-SR65L-3108-	31	4300	2817	91	660 x 347 x 108	-	-	-	50,000	>72,000
EL-SR65L-5102-	28	4200	2850	102	678 x 678 x 108	2.4 x 2.4m, 400lux+ target	4.84	16.6	52,000	>72,000
EL-SR65L-5103-	42	6300	4245	101	678 x 678 x 108	2.4 x 2.4m, 600lux+ target	7.29	18.0	52,000	>72,000
EL-SR65L-5108-	57	8300	5620	99	678 x 678 x 108	2.4 x 2.4m, 800lux+ target	9.87	19.0	51,000	>72,000
EL-SR65L-1102-	27	4200	2892	105	1220 x 347 x 108	2.4 x 2.4m, 400lux+ target	4.77	17.3	52,000	>72,000
EL-SR65L-1103-	41	6300	4247	104	1220 x 347 x 108	2.4 x 2.4m, 600lux+ target	7.07	18.6	52,000	>72,000
EL-SR65L-1108-	56	8300	5670	102	1220 x 347 x 108	2.4 x 2.4m, 800lux+ target	9.67	19.6	52,000	>72,000

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

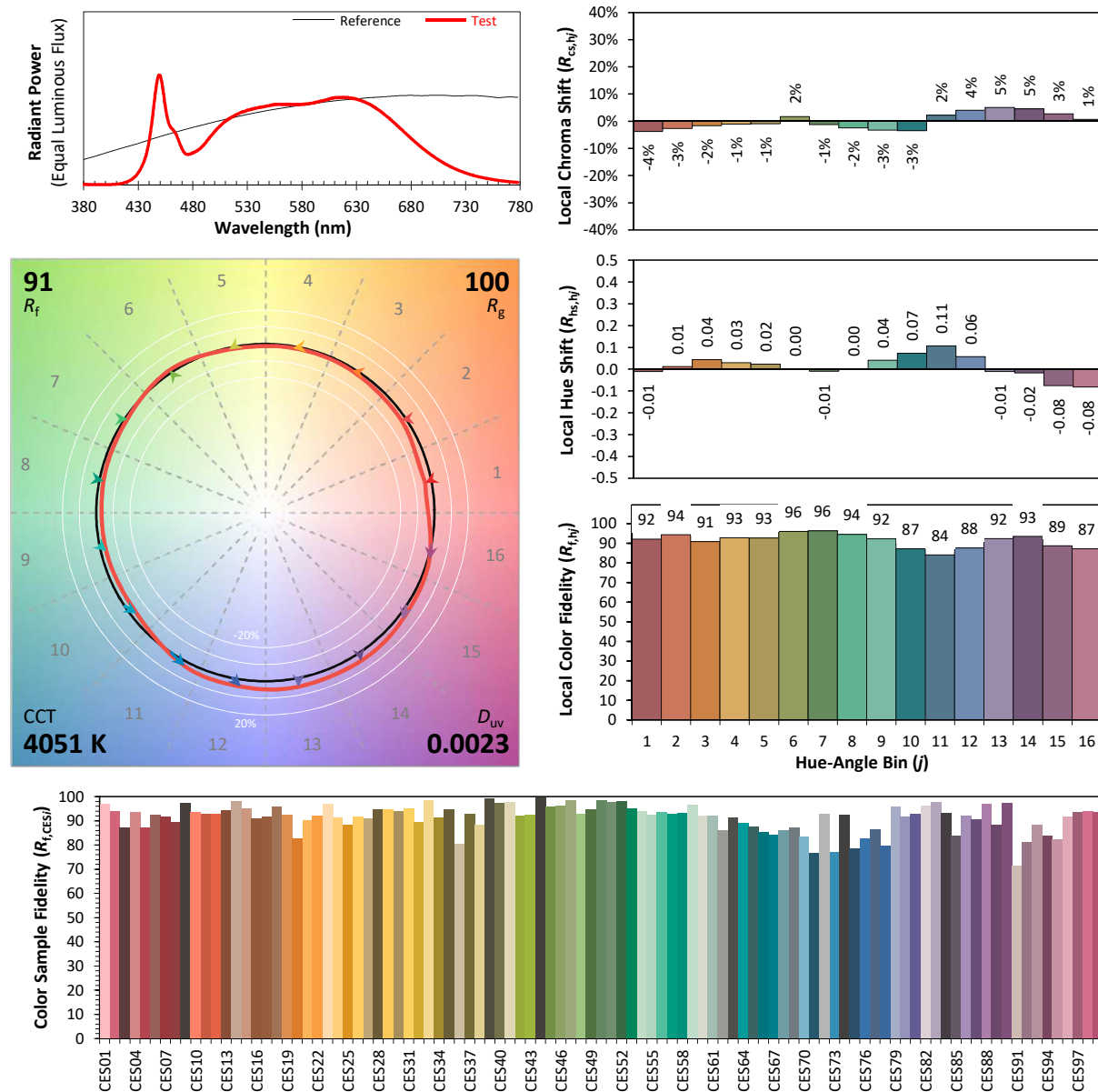
Suffix

Standard	-000
DALI/STD terminal block	-200
Maintained Emergency	-800
DALI Emergency	-801

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TM-30-18 Colour Rendition Report

EL-SR65L-5103 - 42W 6300LM 940 678x678



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

x 0.3797
 y 0.3812
 u' 0.2229
 v' 0.5034

CIE 13.3-1995
(CRI)

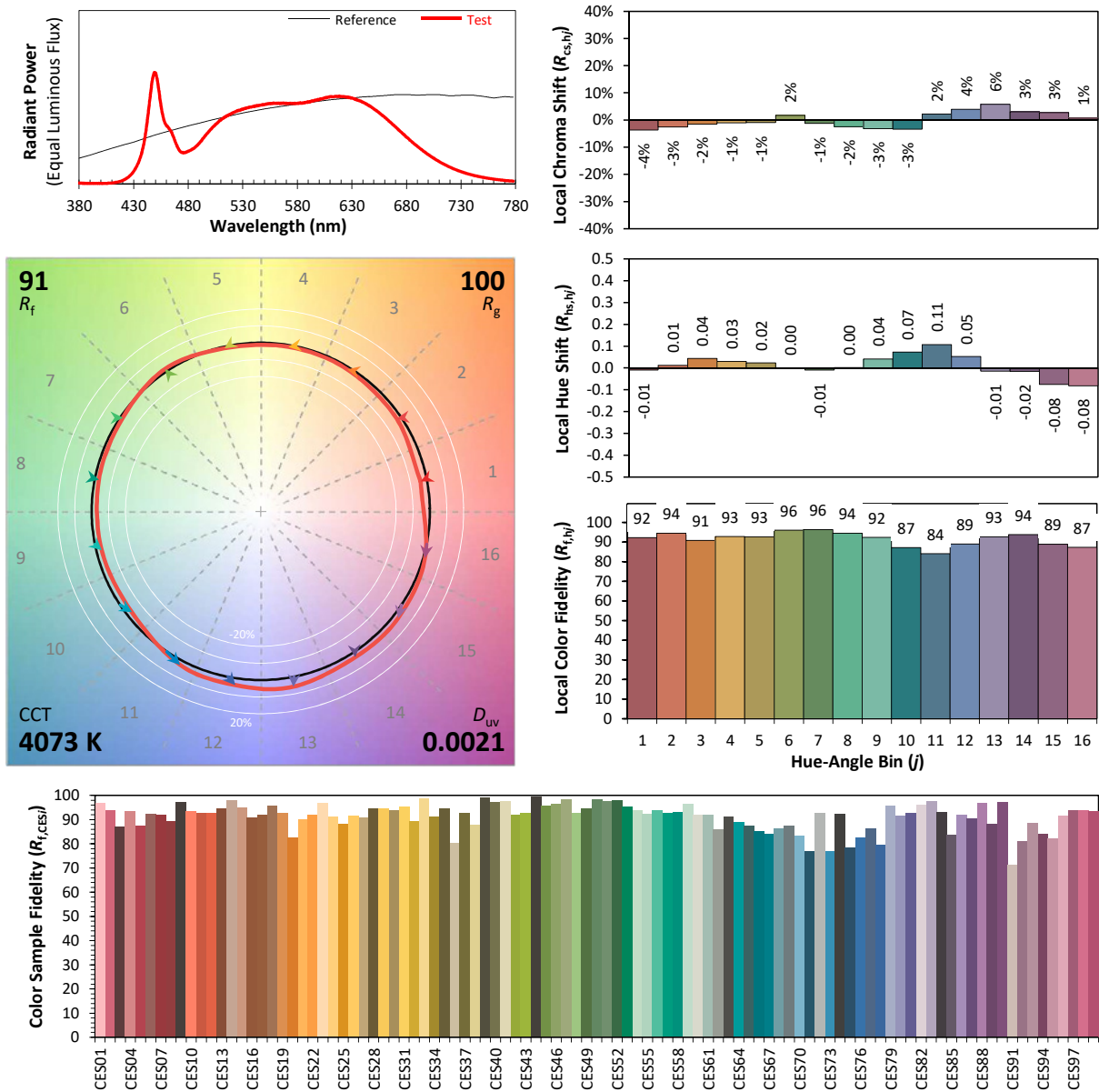
R_a 93
 R_g 70

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

Secureroom IP65

TM-30-18 Colour Rendition Report

EL-SR65L-1103 - 41W 6300LM 940 1220x347



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

x 0.3786
 y 0.3801
 u' 0.2226
 v' 0.5028

CIE 13.3-1995
(CRI)

R_a 93
 R_g 71

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