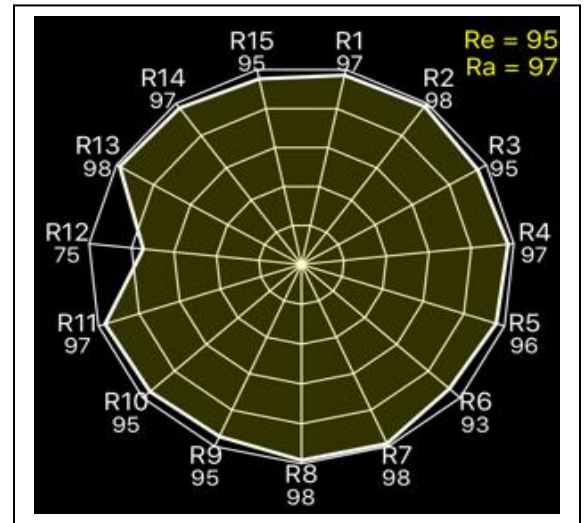




LUSTRA L50 DAYLIGHT FIXTURE

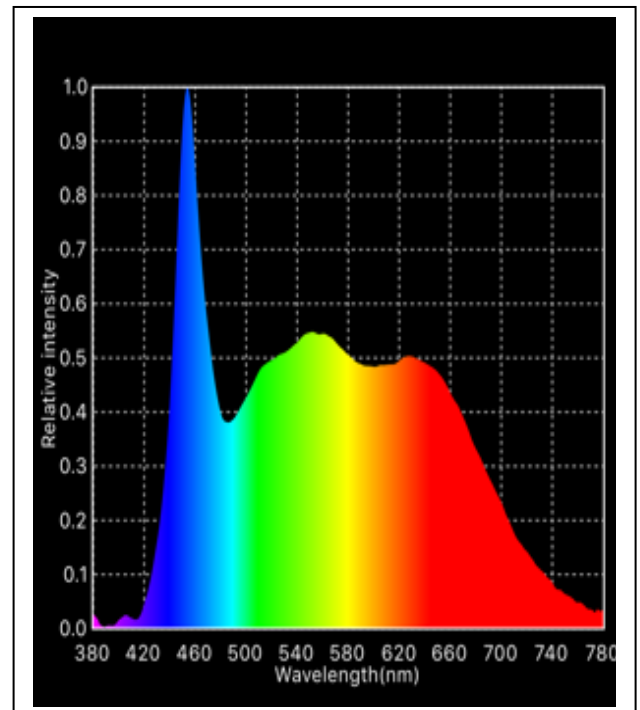
PRL Lustra L50 Features

- Size - 7.7" w x 4.5" h x 2.17" d
195.5mm x 113.4mm x 55.2mm
- Paired SMD LED + engineered optics
- Thermal management for longevity
- Performance - 1200lux @ 5ft, 419lux @ 10ft
- Performance - TLCI = 95.6, R9/15 = 95
- Quality - Hybrid design & build



Parameter	Value
CCT	5697 K
Duv	-0.0029
CRI(Ra)	97
Re(R1~R15)	95
CQS	92
TLCI(Qa)	95.6
GAI	97.4
TM-30-15 Rf	91
TM-30-15 Rg	100
Illuminance	775 lux
Foot Candle	72.0 fc
PPFD(400-700nm)	12.94 $\mu\text{mol}/\text{m}^2/\text{s}$
λ_p	454 nm
λ_D	488 nm
Purity(Pe)	2 %
SP Ratio	2.3

Illuminance Measurement Distance: 2.5m (8.2ft.)



Lustra L50 Technical points

SMD LED + engineered optics – Specifically paired for optimum performance

- Carefully selected SMD LEDs provide a broader range of color in a more intense and smaller light source.
- Total internal reflection (TIR) optics (lenses) are engineered to collect the LED's emitted light, magnify its intensity, direct it to a target surface and blend it to enhance beam and color uniformity.

Thermal management for product longevity

- LEDs are under driven and combined with thermal conductivity via Alum substrate and passive cooling thru the chassis louvers.

Lustra L50 Performance – 1200lux @ 5ft, 419lux @ 10ft, TLCI = 95.6, R9/15 = 95

- Measured, actual results at realistic working distances to insure the user has an accurate understanding of true performance, rather than calculating what it *might* be past 1 meter.

Lustra L50 Quality - Engineered to deliver optimum performance and quality of light output.
The mark of innovation

- A hybrid design and build that combines Aluminum front & Carbon ABS rear chassis components with integrated ergonomics for optimum strength and durability.