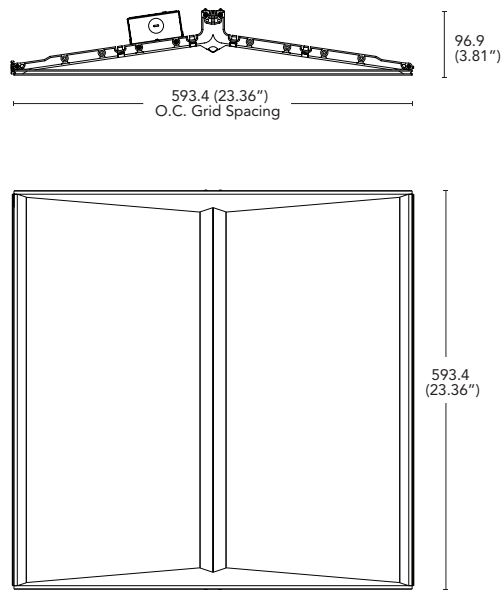


Recessed LED troffer with a beautiful gable shaped luminous lens providing ambient illumination from Soraa's unparalleled full spectrum and Natural White™ accurate color and white rendering LED with 95 CRI / 95 R9 and White Rendering Index of 100.



Soraa LED

The highest possible quality ambient light is provided by Soraa LEDs, available in 3000K, 3500K, and 4000K with 95 CRI / 95 R9. Lumen maintenance is 50,000 hours at 70% lumen output.

Soraa Optics

Precision formed optical assembly provides beautiful, even light distribution.

Construction

Injection molded endplates and extruded aluminum frame provide strength, rigidity and tight tolerances. Gridlock features are built into the endplates for additional safety and convenience. Four suspension points and seismic clips are provided. Large access plate is designed in to enable supply connection. Drivers can be accessed via plenum.

Finish

Durable frame has high reflectance baked matte white enamel finish for luminous uniformity.

Weight

Luminaire: max. 7031gm; additional battery backup & hardware 1814gm.

Emergency Battery Pack

Optional 120V-277V integral emergency battery pack is available in 7 or 14 watts to meet critical life-safety lighting requirements. 90-minute batteries provide constant power to the LED system, ensuring code compliance.

Compliance

Luminaire CE compliant; IP20 rated.

Operating Temperature

Minimum -40°C, 25°C typical.

Warranty

Five year warranty.

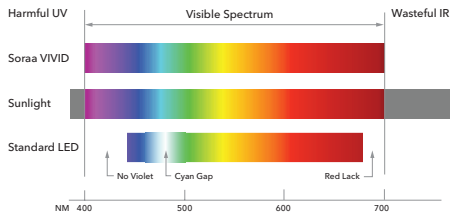


Build Your Luminaire Sample Part Number: GB22 - 35 - 935 - UNV - DM1 - EM7 - S3

Series	Delivered Lumens	CCT/CRI	Voltage	Driver	Options	Region
GB22	25 2500 lm	930 3000K/95	UNV 120-277V Universal	DM1 0-10V (1% min)	Blank None	S3 EU
	35 3500 lm	935 3500K/95		EL1 eldoLED Solo-Drive 0% Dim	EM7 7W Emergency Battery Pack Installed	
		940 4000K/95		EL2 eldoLED Eco-Drive 1% Dim	EM14 14W Emergency Battery Pack Installed	
				EL3 eldoLED Eco-Drive 1% Dim DALI		

Soraa Ambient Color and Whiteness Rendering

CCT	CRI	R9	Rf	Rg	Rfh1	Rw	McA
3000	95	95	90	100	90	100	3
3500	95	95	90	100	90	100	3
4000	95	95	90	100	90	70	4



Soraa has engineered the perfect balance between color rendering and white rendering. Soraa's core technology uses a violet LED emitter as the basis for full spectrum light. This allows both Vivid™ color rendering and Natural White™ white rendering, which creates whiteness by exciting fluorescing agents with violet radiation, without the harmful effect of UV.

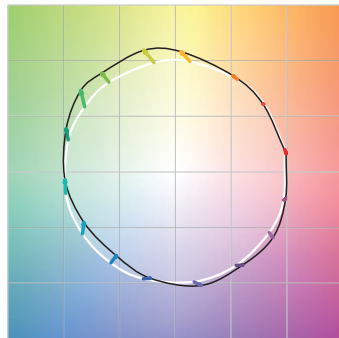
Rf: The TM-30 metric for color fidelity (similarity to colors under natural light), a more accurate version of the CRI Ra. Rf is 100 for natural light.

Rg: The TM-30 metric for color gamut (whether colors are more saturated than under natural light). Rg is 100 for natural light.

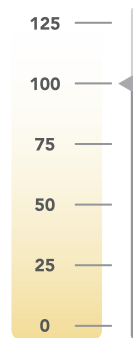
Rfh1: The TM-30 metric for color fidelity for red tones. Rfh1 is a more accurate version of the CRI R9. Rfh1 is 100 for natural light.

Rw: The Soraa-developed metric for white fidelity. Rw measures the magnitude of excitation of whitening agents within white materials. Rw is 100 for natural light.

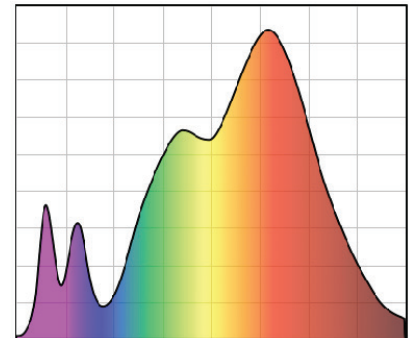
3000K



Rf: 90, Rg: 100, Rfh1: 90

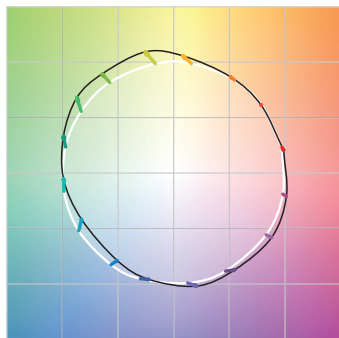


Rw: 100

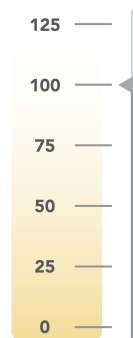


CRI: 95, R9: 95

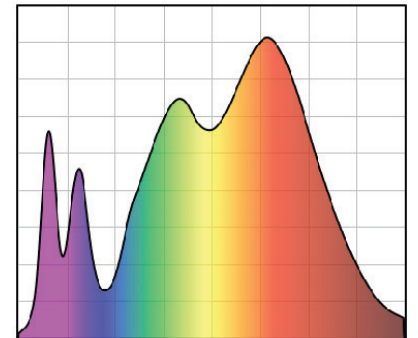
3500K



Rf: 90, Rg: 100, Rfh1: 90

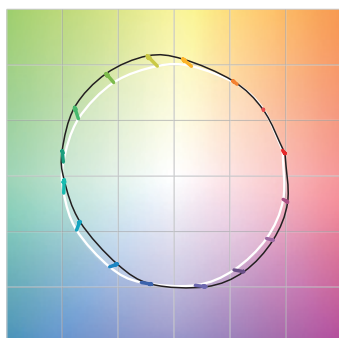


Rw: 100

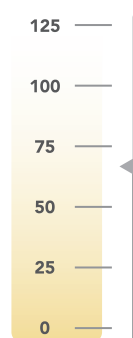


CRI: 95, R9: 95

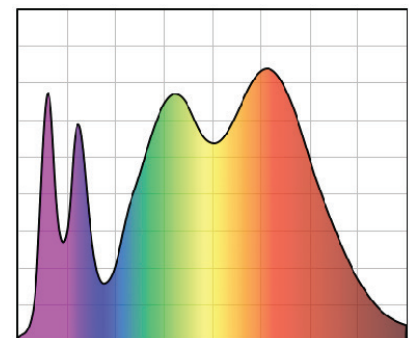
4000K



Rf: 90, Rg: 100, Rfh1: 90



Rw: 70



CRI: 95, R9: 95