

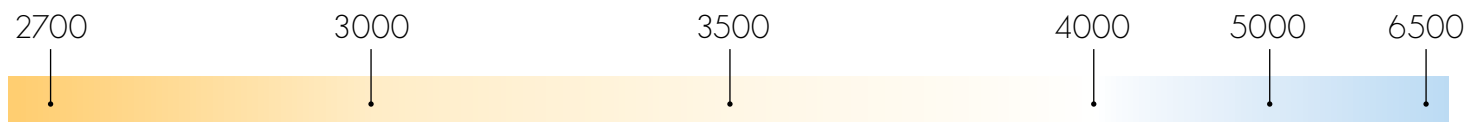
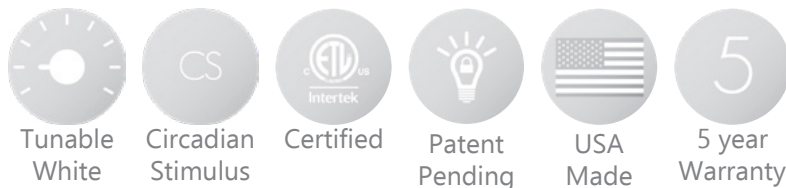


**Job Name:** \_\_\_\_\_ **Fixture Type:** \_\_\_\_\_ **Quantity:** \_\_\_\_\_

Wallglass is an architectural element that brings the experience of daylight into any space. By combining state-of-the-art LED lighting technology within the form factor of a window, Wallglass is able to create a psycho-emotional connection to the outdoors in spaces where no real daylight exists.

### KEY FEATURES:

- Three-Dimensional visual encounter.
- Edgeless light emitting surface with superior uniformity.
- 3.5" product depth.
- Broad Spectrum that mimics sunlight.
- Multiple sizes, finishes, mounting options, and configurations.
- Suitable for dry and damp locations.

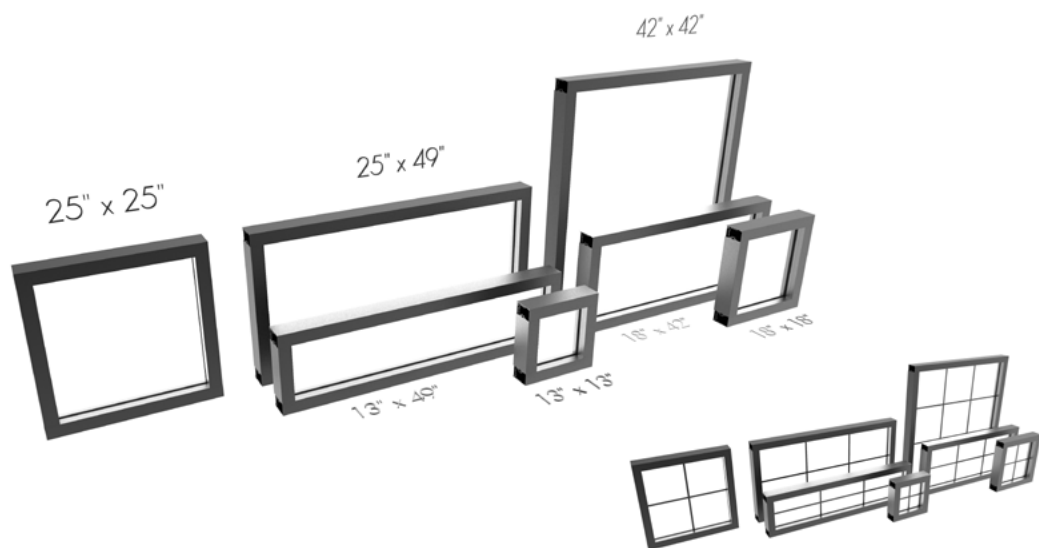


Prefix	Size	Color Temp	Finish	Control	Mounting	Muntins
WG	1313 : 13 x 13	27 : 2700K	CA : Clear Anodized	10 : 2 Channel 0 - 10V	RE : Recessed	M1
	1818 : 18 x 18	30 : 3000K	DB : Dark Bronze		ZC : Z Clip	M2
	2525 : 25 x 25	35 : 3500K	GW : Graham White			M3
	1349 : 13 x 49	40 : 4000K	CU : Custom RAL #			NO : None
	1842 : 18 x 42	50 : 5000K				
	2549 : 25 x 49	65 : 6500K				
	4242 : 42 x 42	TW : Tunable White				
		CU : Custom				

A window-like luminaire with integrated driver, glass, and LED light panel delivering 90+ CRI, a UGR below 11, no perceptible flicker, and an L70 of 100,000 hours.

### Dimensions and Output

Size (inches)	42 x 42	25 x 49	18 x 42	13 x 49	25 x 25	18 x 18	13 x 13
Depth (inches)	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Frame Width (inches)	2	2	2	2	2	2	2
Watts	50	50	50	36	36	39	25
Lumens	4750	4200	4000	3175	2522	2483	1600
Lumens / Watt	95	90	80	76	61	61	55
Weight (lbs)	80	58	42	29	27	18	9.5

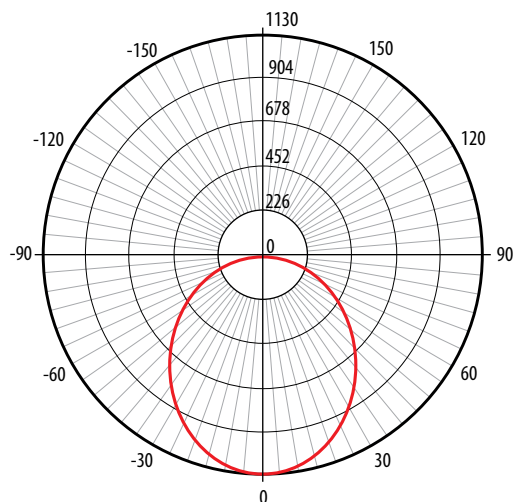


Muntins available for all sizes.

### Common Features

Color Temp.	2700, 3000, 3500, 4000, 5000, 6500
Voltage	100 - 277 VAC
CRI	90+
R9	50+
Color-Binning	3 Step MacAdam Ellipse
Distribution	Lambertian
Rated Life	L70 100,000 Hours
Dimming / Control	0-10V, 2-channel 0-10V Tunable White
Operating Temp.	-20°C to +50°C / -4°F to +122°F
Depth (D")	3.5"
Warranty	5 Years
ETL	Conforms To UL STD 1598
CSA	CSA standard is 22.2 No. 250.0

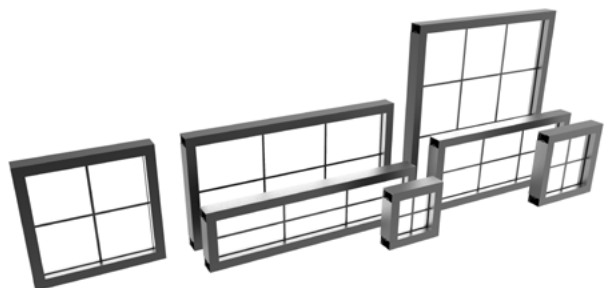
### Lambertian Distribution



### Muntins

Muntins provide another level of depth while adding scale and texture to Wallglass.

There are a variety of grid configurations to choose from:

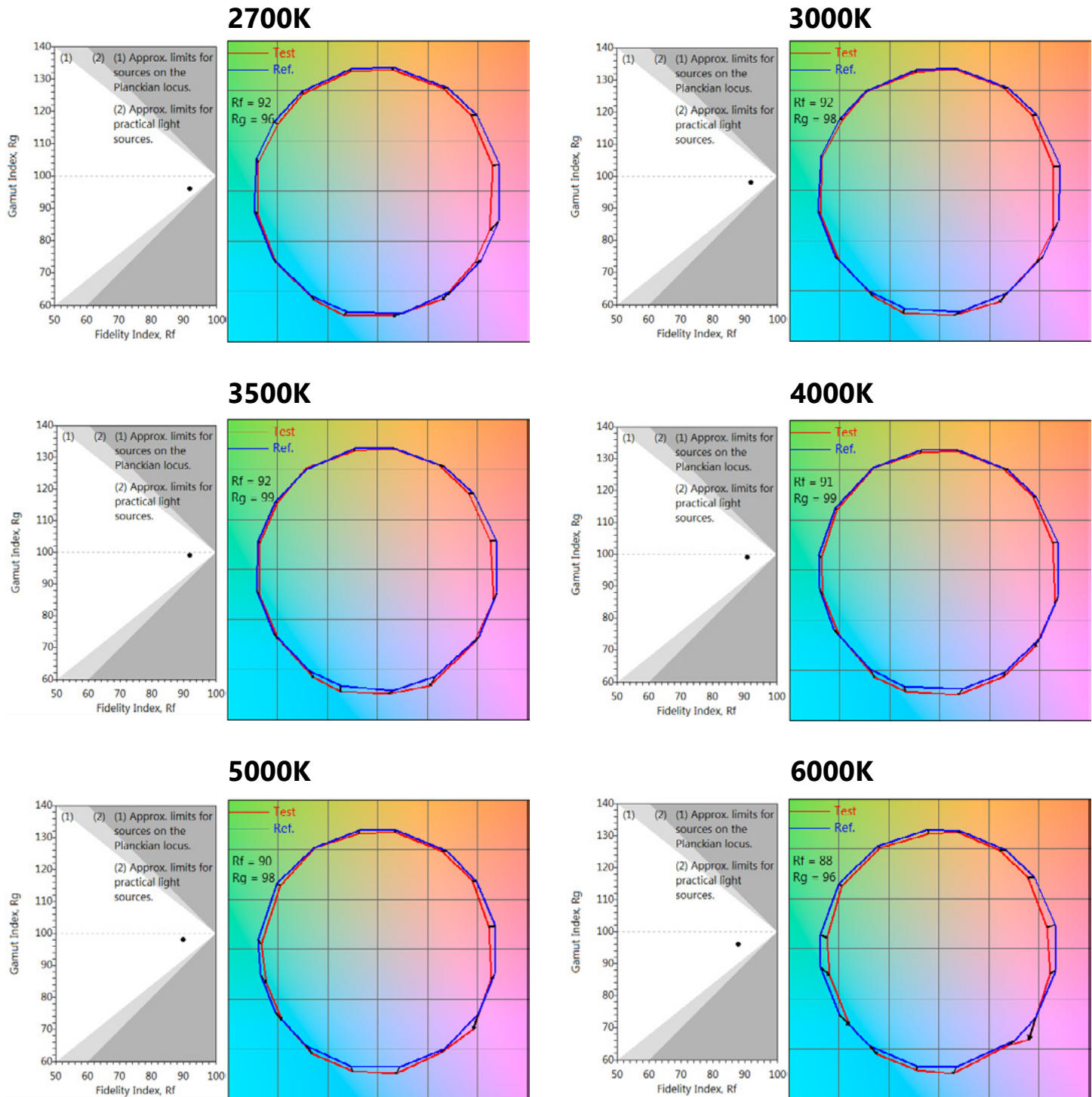


25x49 Wallglass with M3 muntins.

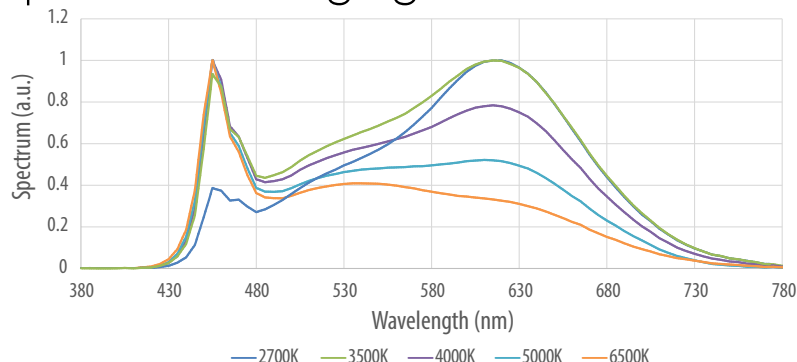
	M1	M2	M3
42x42			
25x49			
18x42			
13x49			
25x25			
18x18			
13x13			



## Color Fidelity



## Spectra from Lightglass



The light engines inside Lightglass are curated to produce broad-spectrum light, similar to sunlight. Warm and cool tunable LEDs work in unison to create a dynamic and immersive circadian lighting experience. Lightglass satisfies both the WELL building lighting concept and the Lighting Research Center's standards for Circadian Stimulus.

## WELL

The International WELL Building Institute (IWBI) specifies there must be at least 240 Equivalent Melanopic Lux (EML) for office settings on the vertical plane between 9:00 AM and 1:00 PM. Lightglass, at a distance of two meters and a CCT of 3500K or higher at full brightness, is compliant.

[WELL v2, Feature 54, Part 1]

In living environments, IWBI specifies at most 50 EML on the vertical plane during the night. Lightglass can be dimmed to comply with this specification.

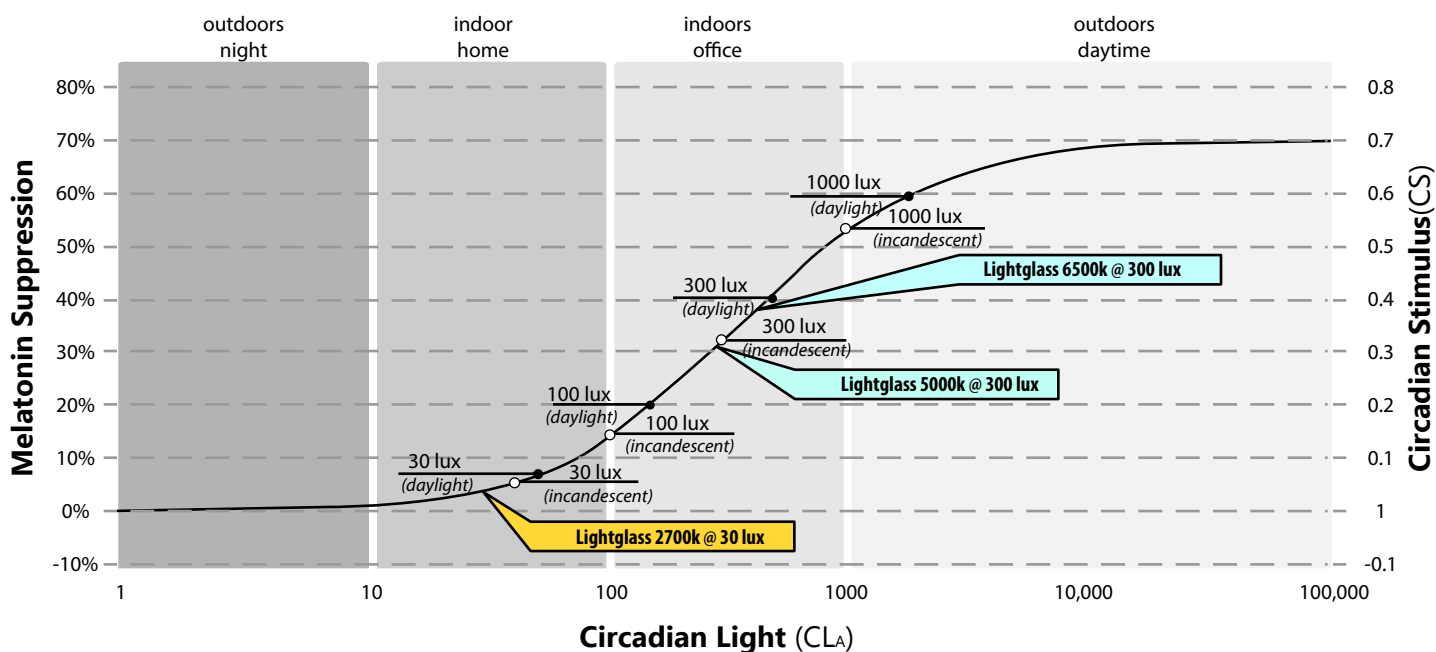
[WELL v2, Feature 54, Part 2. & WELL v2, Feature P3, Part 1]

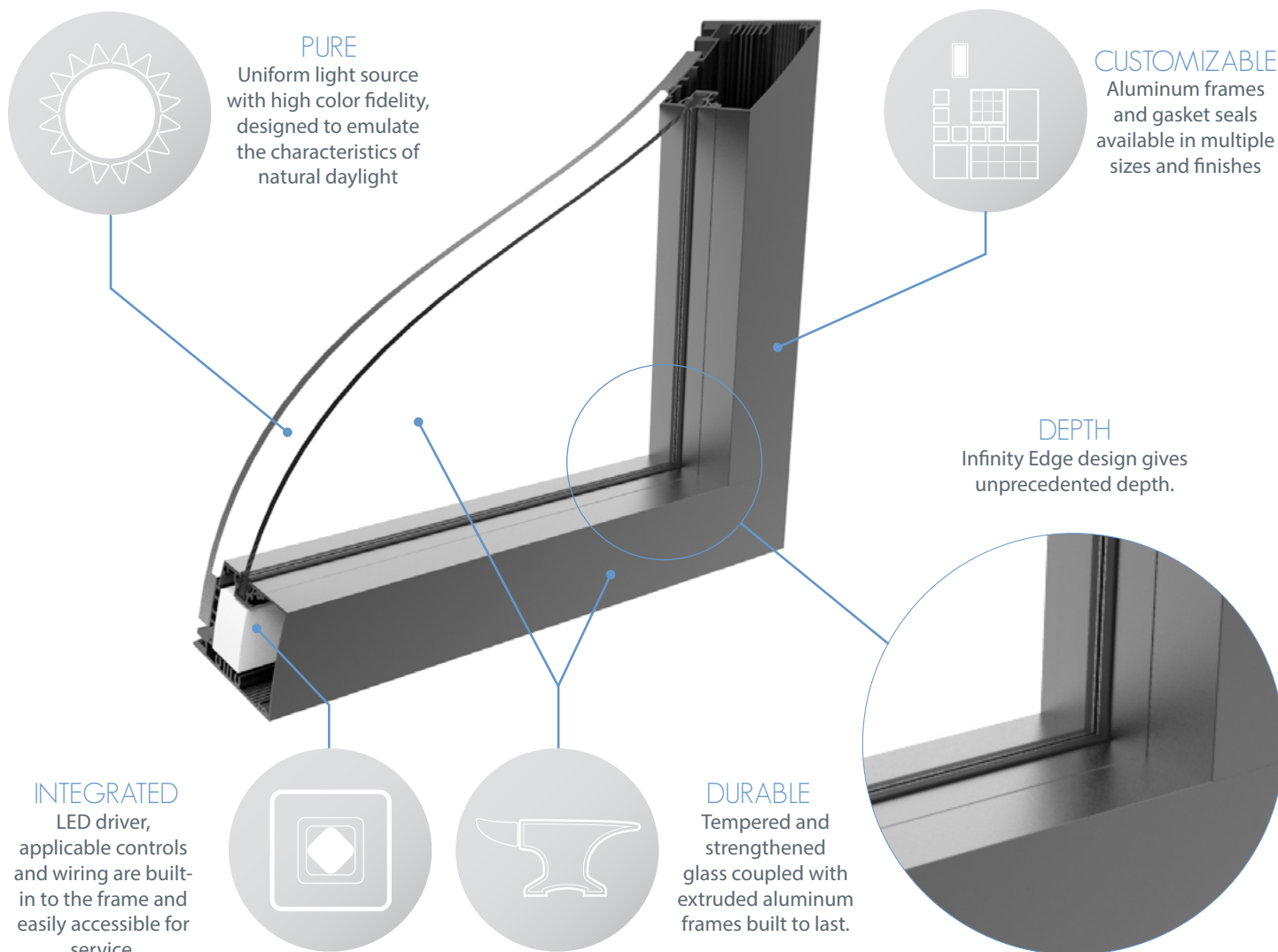
For breakrooms, IWBI specifies at least 250 EML. For learning areas, IWBI specifies at least 150 EML. Lightglass meets these specifications through dimming and tuning.

[WELL v2, Feature 54, Part 3&4]

EML (Equivalent Melanopic Lux)		
CCT	300 lux	30 lux
2700k	149	15
3000k	168	17
3500k	200	20
4000k	228	23
5000k	268	27
6500k	312	31

## Circadian Stimulus









LIGHTGLASS  
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