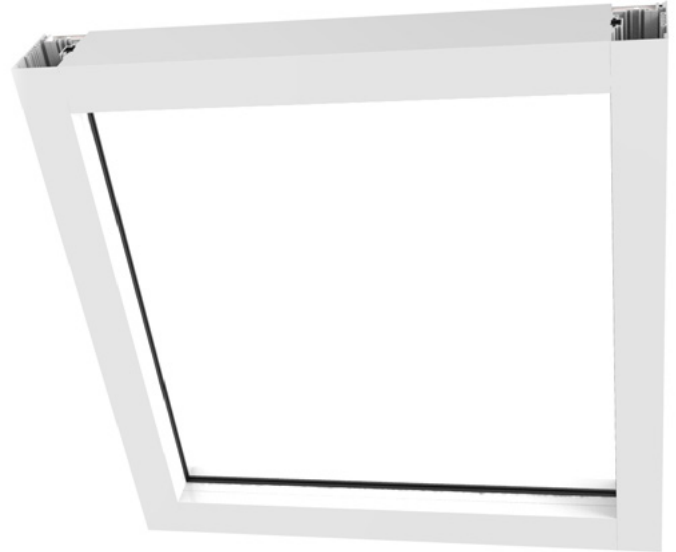




Job Name: _____ **Fixture Type:** _____ **Quantity:** _____

Skyglass 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 skylight, Skyglass 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.



Tunable
White



Circadian
Stimulus



Certified



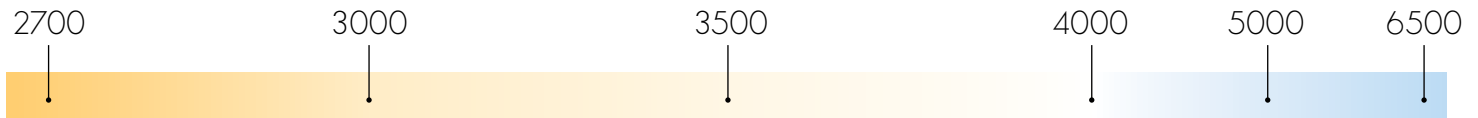
Patent
Pending



USA
Made



5 year
Warranty



Prefix	Size	Color Temp	Finish	Control	Mounting	Shroud	Rating
SG	1313 : 13 x 13	27 : 2700K	CA : Clear Anodized	10 : 2 Channel 0 - 10V	RE : Recessed	NO : None	NO : None
	1818 : 18 x 18	30 : 3000K	DB : Dark Bronze		ZC : Z Clip		
	2525 : 25 x 25	35 : 3500K	GW : Graham White		CS : Suspended	S2	CP: Chicago Plenum
	1349 : 13 x 49	40 : 4000K	CU : Custom RAL #			S8	
	1842 : 18 x 42	50 : 5000K					
	2549 : 25 x 49	65 : 6500K					
	4242 : 42 x 42	TW: Tunable White					
		CU : Custom					

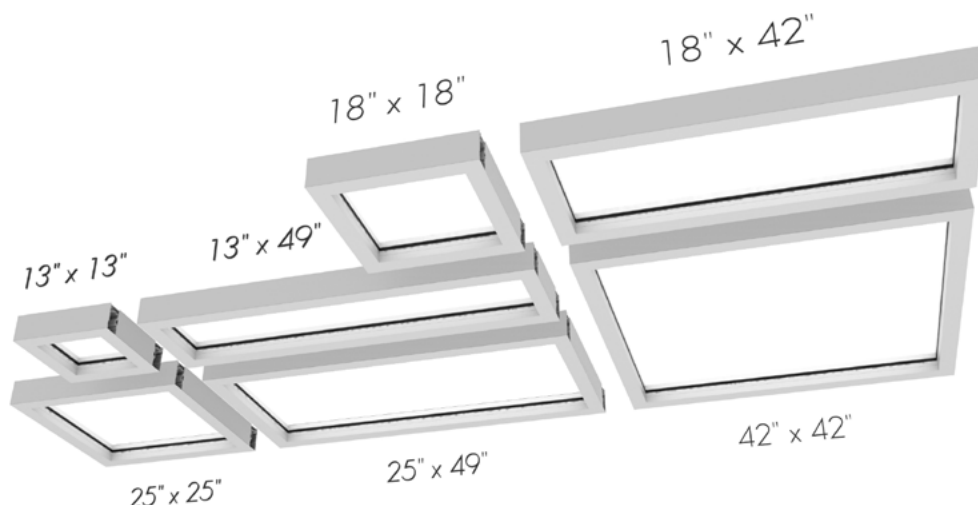
Shroud available.
See page 3.

CP only available
with Shrouds.
See page 3.

A skylight-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

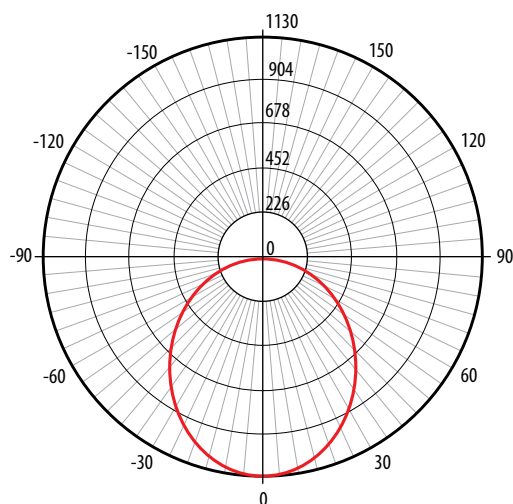
Size (inches)	42 x 42	25 x 49	18 x 42	13 x 49	25 x 25	18 x 18	13 x 13
Depth (inches)	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Frame Width (inches)	2	2	2	2	2	2	2
Watts	50	50	50	36	36	39	25
Lumens	4750	4200	4000	3175	2522	2483	1600
Lumens / Watt	95	90	80	76	61	61	55
Weight (lbs)	80	58	42	29	27	18	9.5
Shroud Available	Yes	No	Yes	No	No	Yes	No



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



Shrouds

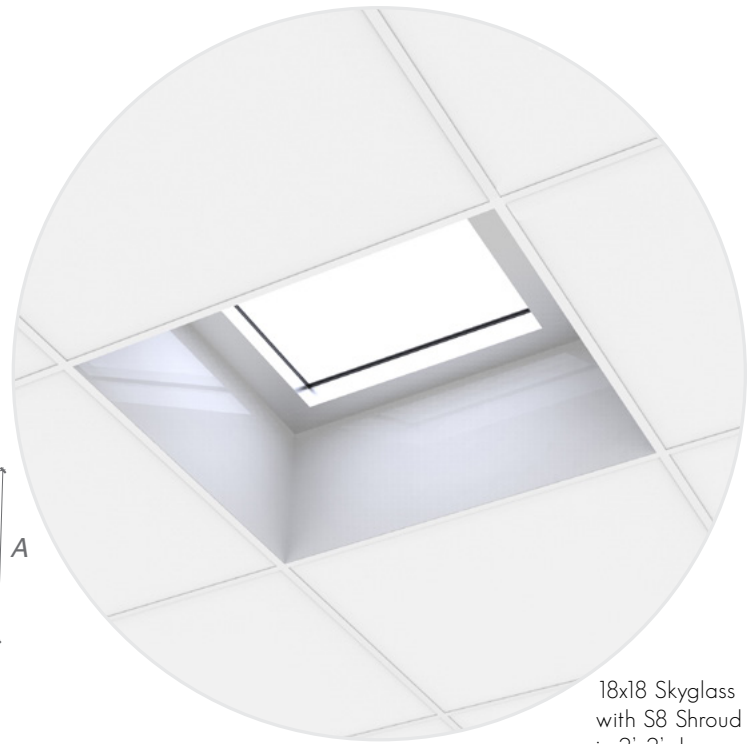
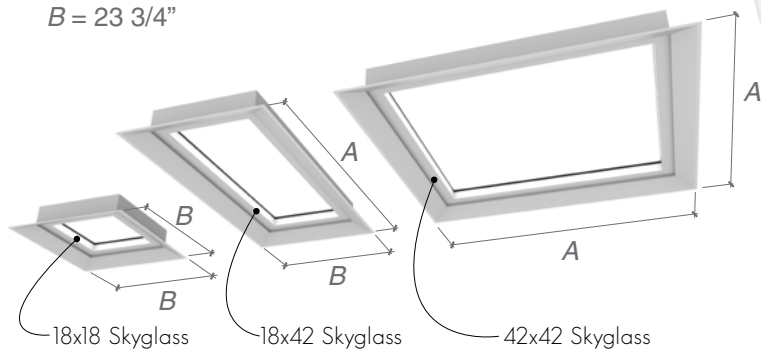
Shrouds fits into 2x2, 2x4 or 4x4 drop ceiling tiles and are designed to further simulate a skylight by expressing the ceiling's depth. Can also be installed in dropped drywall ceiling.

They fit 3 Skyglass sizes and comes in 2 depths:

Outer Dimensions with Shroud:

$A = 47 \frac{3}{4}"$

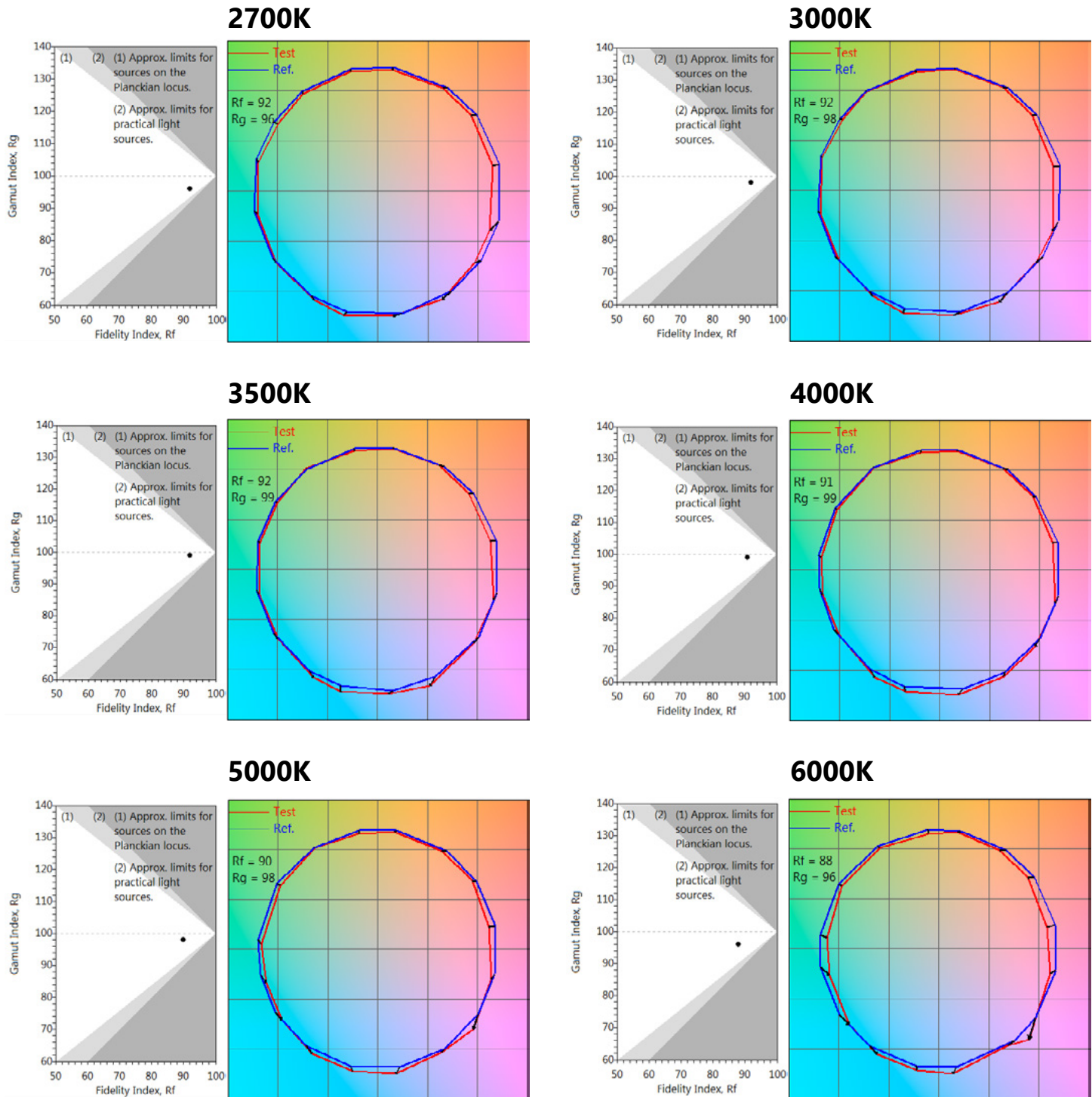
$B = 23 \frac{3}{4}"$



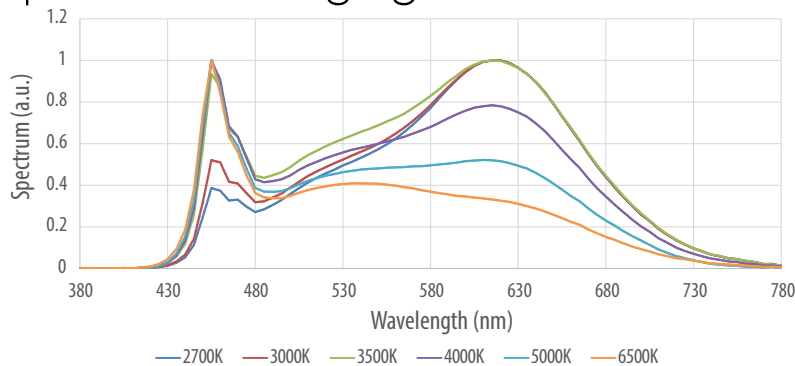
18x18 Skyglass with S8 Shroud in 2'x2' drop ceiling tile.



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.

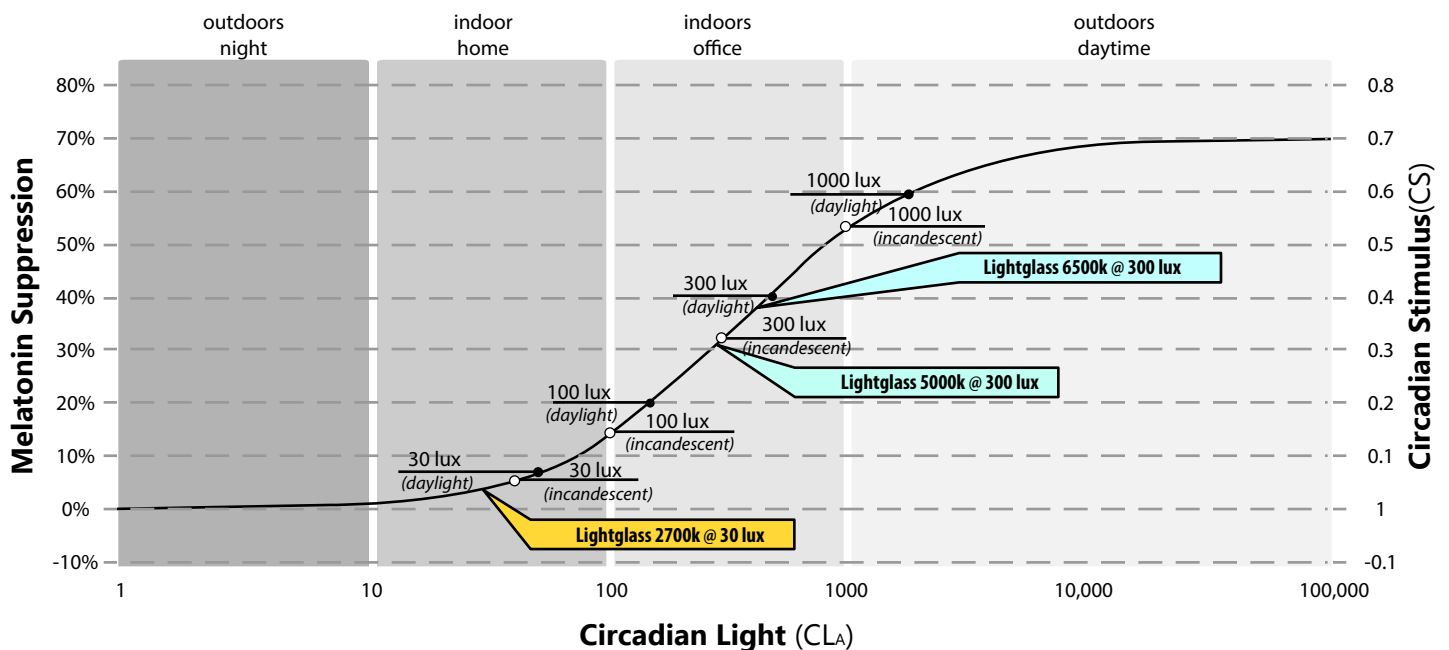
[WELL v2, Feature 54, Part 2. & WELL v2, Feature P3, Part 1]

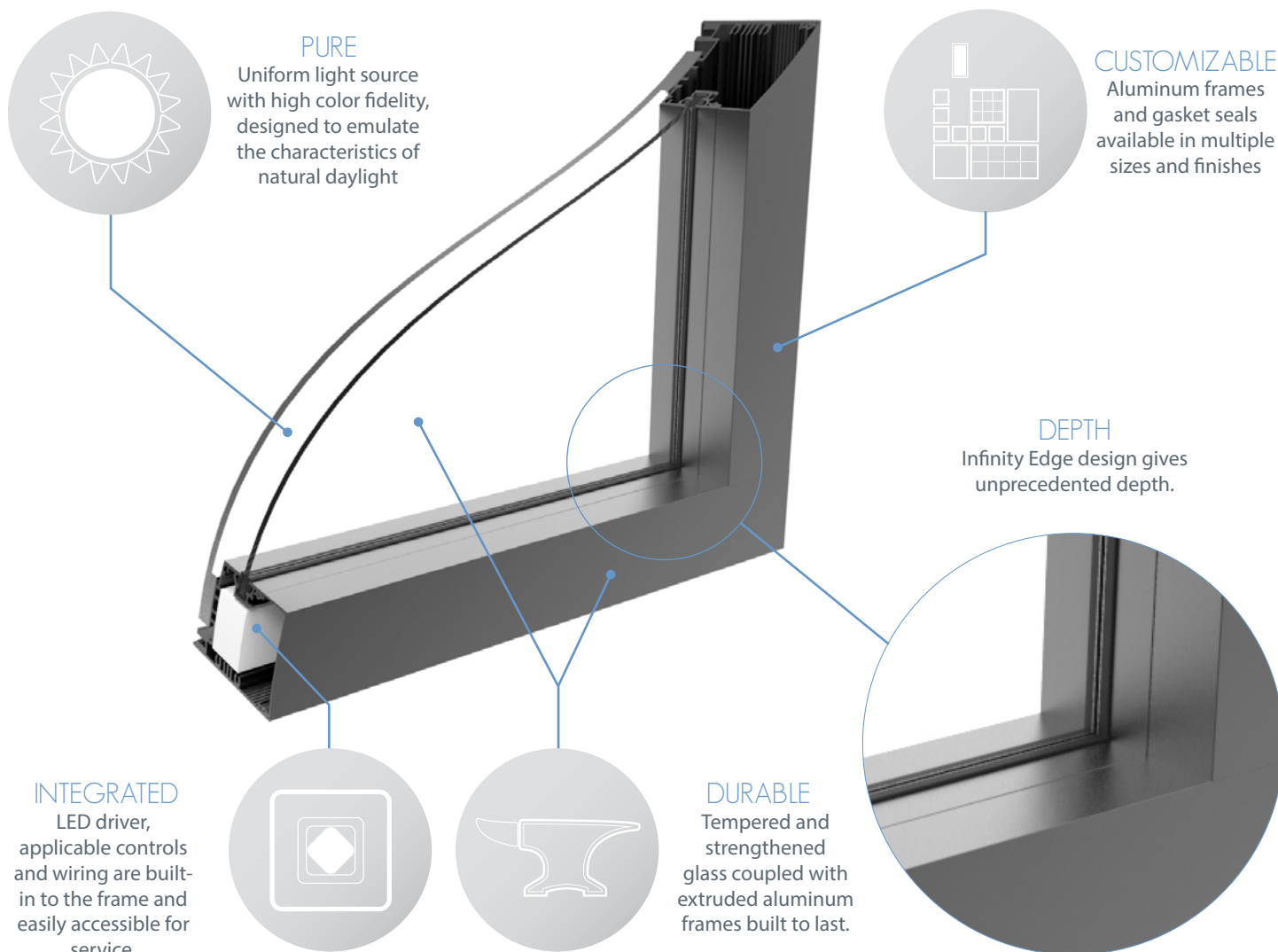
For breakrooms, IWBI specifies at least 250 EML. For learning areas, IWBI specifies at least 150 EML. Lightglass meets these specifications through dimming and tuning.

[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







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