



ASCENT ARCHITECTURAL LIGHTING

PROJECT DATE

COMMENTS



IN STOCK



GLAZE 2X2 DIRECT/INDIRECT ARCHITECTURAL PENDANT LED

The GLAZE 2'x2' direct/indirect square pendant features a transparent edge-lit optic and minimal trim that is less than 1" creating an illusion that it is floating in mid-air. Available with field selectable wattage, field selectable CCT, and standard 8' adjustable cables. GLAZE is equipped with a high efficiency, class II, external driver that is dimmable to 1% with 0-10V and can be remote mounted or installed inside a canopy. GLAZE is Damp Location listed with a black powder coat finish and it is compatible with drywall and t-grid ceilings.

- Commercial Office
- Classrooms
- Civic & Transportation

PHYSICAL

Material	Powder Coated Extruded Aluminum
Mounting	Suspended
Lens	PMMA
Finish	Black, White

PERFORMANCE

Warranty	5 years
Certifications	Damp Location, cULus
Rated Life	50,000 hours
Operating Temperature	-20°C to 40°C (-4°F to 104°F)
THD	<20%
Distribution	55% Direct/45% Indirect
CCT	Field Selectable: 3000K/3500K/4000K
CRI	80+

ELECTRICAL

Wattage	Field Selectable, 30W/40W/50W
Voltage	120-277V
Power Factor	>0.9
LED Driver	Class 2 High Efficiency
Dimming	1-10V

ENERGY CHART

SIZE	LENGTH feet	WIDTH feet	DELIVERED LUMENS	WATTAGE selectable	EFFICACY lm/w
22	2	2	4600	30	100
			4000	40	100
			5000	50	100

ORDERING LOGIC

EX: GLAZE-22-FS-F-BK

FAMILY	SIZE	WATTAGE	CCT	CEILING TYPE	FINISH
GLAZE	22		FS		
	22 2X2	(blank) Field Selectable <small>30W / 40W / 50W</small>	FS Field Selectable <small>3000K / 3500K / 4000K</small>	F 9/16" or 15/16" Flat S 9/16" Slot D Drywall	BK Black WH White

SEE ACCESSORIES ORDERING LOGIC ON PAGE 2



ACCESSORIES ORDERING LOGIC (ORDER SEPARATELY)

EX: GLAZE-EM

FAMILY	ACCESSORIES
GLAZE	EM 8W Emergency Battery

SPECIFICATIONS

OPTICS

High precision light guide made of PMMA material, allows distribution of controlled light to create 45% uplight, 55% downlight light distribution.

CONSTRUCTION

Extruded aluminum housing.

FINISH

Powder coat black finish is standard. Optional white.

ELECTRICAL

LED Driver: External, class 2, high efficiency LED driver.

Dimming: Standard constant current electronic driver with 1-10V dimming, dim to 1%. Compatible with the following types of controls:

- Leviton DD710
- Leviton IP710
- Lutron NTSTV-DV
- Lutron DVSTV
- Legrand RH4FBL3PTC

THD: <20%

Power Factor: >0.9

Input Voltage: 120-277V

WARRANTY

5-year limited warranty

APPROVALS

cULus listed for damp locations

LED SYSTEM

CRI: Minimum 80 color rendering index

CCT: CCT adjustable from 3000K, 3500K and 4000K with a great color consistency.

LED: Life minimum 50,000h with 87.8% of lumen maintenance in 25°C(77°F) ambient temperature, in compliance with IES LM-80 testing measurements.

Thermal Management: Aluminum housing acting as the heat sink to maximize life.

Environment: Damp rated in operating ambient temperatures of -20°C to 40°C (4°F to 104°F).

OPTIONAL FUNCTION



Optional low voltage 8W emergency LED driver can be provided. When AC power fails, it immediately switches to the emergency mode, operating for lighting up to 120 minutes. When AC power is restored, it automatically returns to the charging mode which meets critical life-safety lighting requirements. For more info or spec sheet, please visit our website or contact sales.

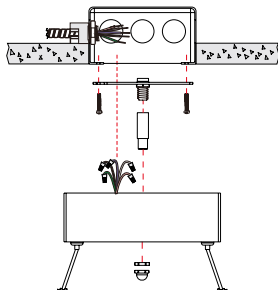
EMERGENCY LUMEN OUTPUT

FIXTURE EFFICACY	OUTPUT POWER 8W
100 lm/w	800 Lumens

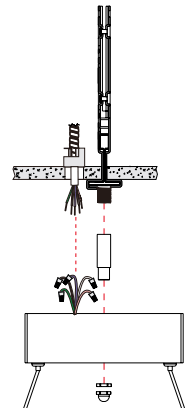
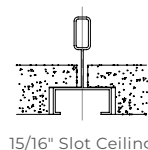
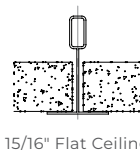
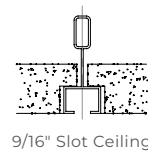
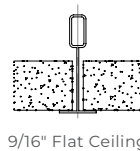
*Additional cost and/or lead time on customized fixtures may apply. Some fixtures require an MOQ. Please contact your sales rep for more information.

MOUNTING

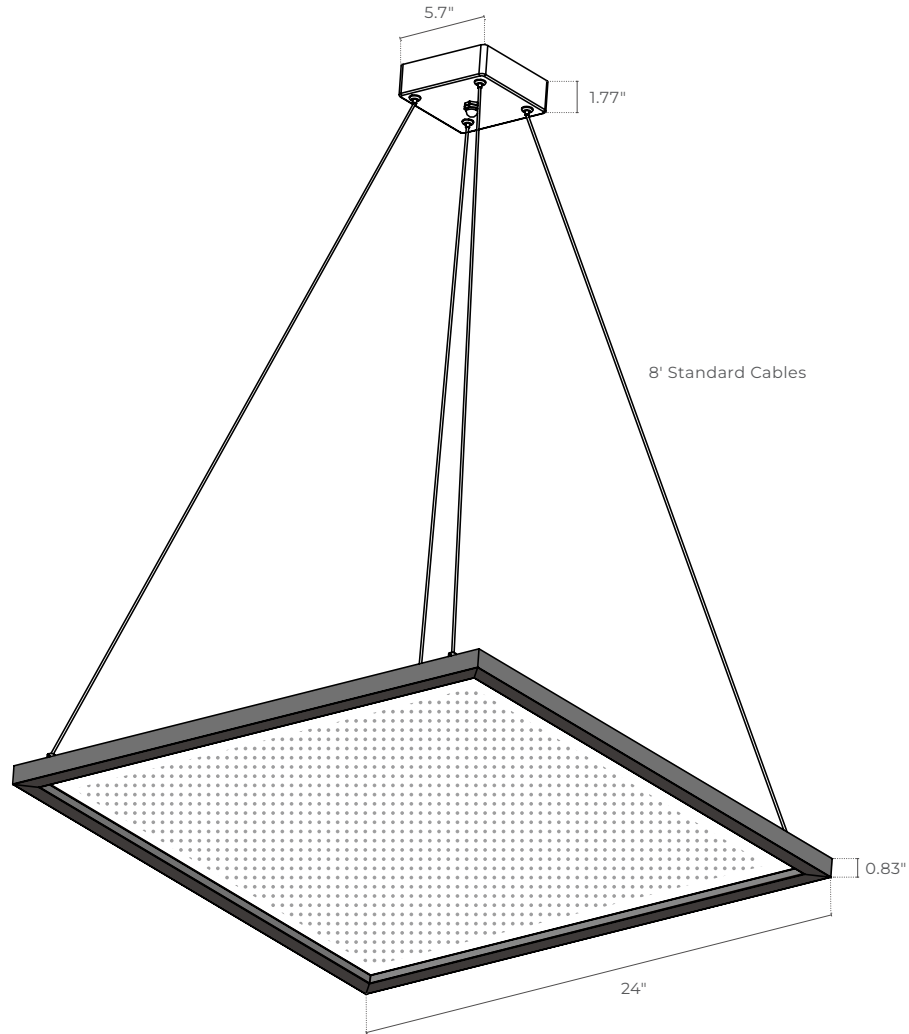
DRYWALL CEILING / OFF GRID



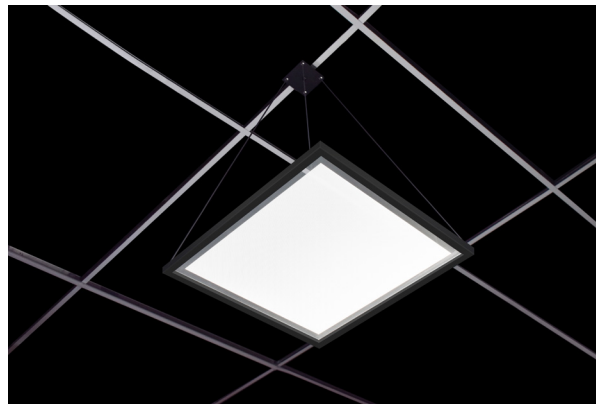
DROP CEILING / ON GRID



DIMENSIONS



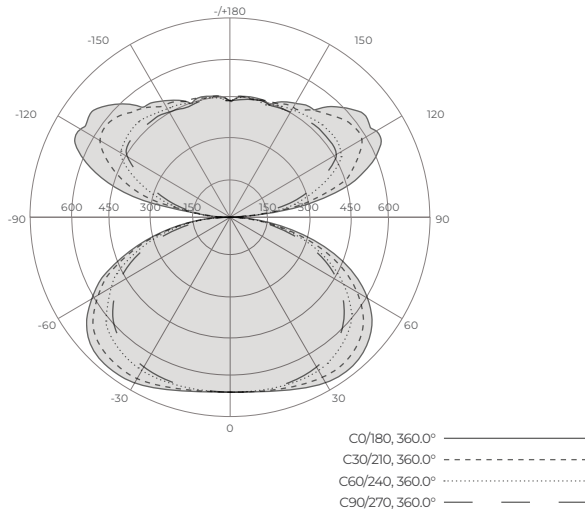
ADDITIONAL IMAGERY





PHOTOMETRICS - 2X2 - 45% Up/ 55% Down - 3000K - 51.68W

AVERAGE BEAM ANGLE (50%): 360.0°



Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	18514	24318
80	30870	23932
75	33781	24034
70	34061	24883
65	33798	25623
60	32518	26294
55	31181	24997
50	29699	24157
45	27965	23535

ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180
5°	659.2	657.8	656.7	658.1	659.2
10°	666.2	661.0	656.7	661.7	666.5
15°	676.7	665.7	656.5	667.1	677.2
20°	689.8	671.6	653.8	673.8	690.6
25°	704.3	675.2	650.8	678.4	705.6
30°	716.3	676.6	647.8	680.9	718.5
35°	722.7	675.3	632.5	681.2	726.8
40°	721.9	668.3	617.2	676.0	728.2
45°	711.9	645.4	599.1	654.3	720.0
50°	687.2	615.8	559.0	625.2	697.5
55°	643.9	577.8	516.1	587.1	657.1
60°	585.3	513.9	473.3	523.0	559.6
65°	514.2	441.7	389.8	451.4	527.7
70°	419.4	357.3	306.4	364.5	431.7
75°	314.8	261.7	223.9	264.4	322.5
80°	193.0	167.2	149.6	167.9	192.7
85°	58.09	84.03	76.30	85.15	49.39
90°	1.092	2.997	2.993	2.758	1.065
95°	65.96	120.7	92.26	124.4	47.23
100°	294.4	239.6	181.5	245.4	283.9
105°	450.6	332.5	268.1	338.4	459.8
110°	552.1	416.7	333.5	423.6	569.3
115°	619.1	482.3	396.2	491.5	639.8
120°	639.5	510.3	458.9	516.6	657.0
125°	630.8	519.9	472.3	525.6	652.1
130°	623.1	528.2	471.6	536.4	640.5
135°	585.0	511.6	469.2	518.3	601.7
140°	536.2	488.8	466.8	496.8	546.8
145°	510.5	482.1	461.9	490.1	523.8
150°	494.4	470.1	456.8	474.8	504.4
155°	478.0	461.1	451.7	467.4	486.6
160°	450.5	458.7	446.5	463.3	456.1
165°	458.7	447.9	453.0	450.9	464.6
170°	456.7	451.4	448.8	455.2	460.6
175°	454.4	452.1	443.2	452.5	456.4
180°	437.7	437.7	437.7	437.7	438.1

ZONAL LUMEN SUMMARY

T	Φ TOTAL
0-5	15.72
5-10	62.92
10-15	141.7
15-20	252.1
20-25	393.7
25-30	565.8
30-35	766.5
35-40	992.3
40-45	1239
45-50	1499
50-55	1764
55-60	2023
60-65	2266
65-70	2477
70-75	2645
75-80	2767
80-85	2838
85-90	2861
90-95	2888
95-100	2977
100-105	3128
105-110	3326
110-115	3555
115-120	3803
120-125	4051
125-130	4285
130-135	4499
135-140	4690
140-145	4855
145-150	4997
150-155	5116
155-160	5213
160-165	5288
165-170	5342
170-175	5374
175-180	5385

DEG LUMINOUS INTENSITY: cd

UNIT: lm

