

Technical Information Bulletin

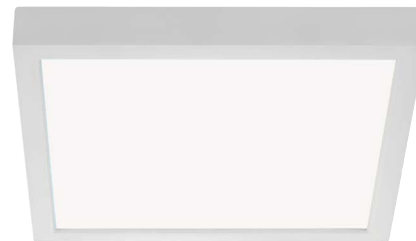
Edge Lit Ceiling Luminaire



Date: _____ Name of distributor: _____
 In hands date of project: _____ Client #: _____
 Project name/Number: _____ Name of end user: _____

ORDERING INFORMATION

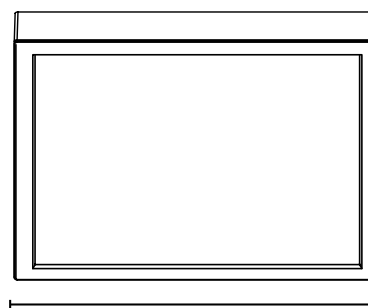
Order code: 65464
Description: LED/CL12/EDGE LIT/22W/30K/FM/SQR/WH/STD
UPC: 69549654648
Case quantity: 1/10
Luminaire description: Square LED Edge Lit Ceiling Luminaire



PHYSICAL DATA

Size in. (mm): 12
Shape: Square
Type: Ceiling
Trim finish: White
Lens material: Frosted Polycarbonate
Mounting: Surface Mount/Flush-mount

TECHNICAL DRAWINGS AND DIMENSIONS



Width: 12 1/8" (308 mm)
 Height: 31/32" (25 mm)

FIXTURE PERFORMANCE

Watts (W): 22
Volts (V): 120
Colour temp (K)¹: 3 000
Lumens output²: 1 636
Lumens per Watts (lm/W): 74
CRI: >80
Life L70 (h)³: 50 000
Beam angle (°): 120
THD (%): 0.15<
Power factor: 0.95
Dimmer type: Forward-Reverse phase
Frequency (Hz): 60
Operating temp. range: -20 °C to 50 °C (-4 °F to 122 °F)

¹ Typical colour temperature range: +/- 5 %

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %

³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations



CAN ICES-005 (B)
 This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.

COMPATIBLE DIMMERS

Brand	Model
LEGRAND	HCL453P
COOPER	9531AW, AAL06, DAL06P, SLC03P
LEVITON	6615, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ, IPL06
LUTRON	AYCL-253P, CTCL-153P, DVCL-153P, DVCL-253P, DVCLV-300P, MAACL-153P, NTELV-600, PD-6WCL, SELV-300P

DESCRIPTION AND OTHER OPTIONS

LED	CL12	EDGE LIT	22W	30K	FM	SQR	WH	STD
Technology	Size	Family	Watts	Colour Temperature	Style	Shape	Trim Colour	Brand
LED	CL6 Ceiling 6 in CL8 Ceiling 8 in CL12 Ceiling 12 in	EDGE LIT	11W 11 Watts 14W 14 Watts 22W 22 Watts	30K 3 000 K 40K 4 000 K	FM Flushmount	RND Round SQR Square	BK Black BN Brushed Nickel WH White	STD STANDARD

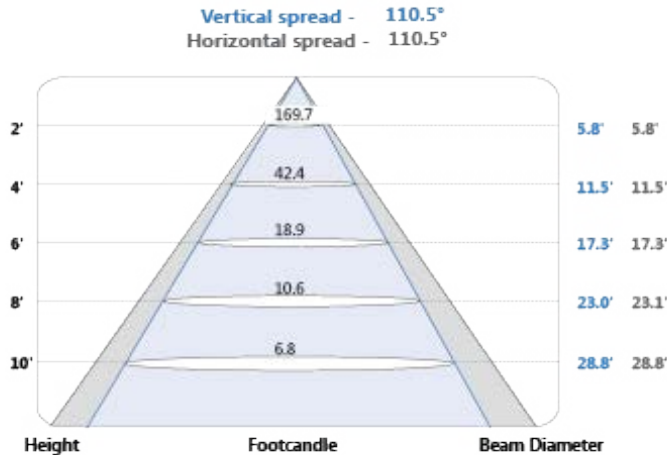
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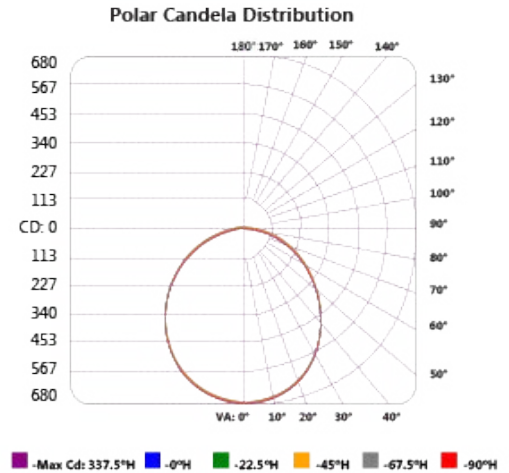


ORDER CODE: 65464

BEAM SPREAD*



CANDELA DISTRIBUTION*



* complete IES files available on our website.

COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)*

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0			
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00						
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84						
2	.99	.91	.84	.79	.97	.89	.83	.72	.86	.80	.76	.82	.78	.74	.79	.76	.72	.70						
3	.90	.80	.72	.65	.88	.78	.71	.61	.75	.69	.64	.73	.67	.63	.70	.65	.61	.59						
4	.83	.71	.62	.55	.81	.70	.61	.52	.67	.60	.54	.65	.59	.54	.63	.57	.53	.51						
5	.76	.63	.54	.48	.74	.62	.54	.46	.60	.53	.47	.58	.52	.46	.56	.51	.46	.44						
6	.70	.57	.48	.42	.68	.56	.48	.40	.54	.47	.41	.53	.46	.41	.51	.45	.40	.38						
7	.65	.52	.43	.37	.63	.51	.43	.36	.49	.42	.36	.48	.41	.36	.47	.41	.36	.34						
8	.61	.47	.39	.33	.59	.47	.38	.32	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30						
9	.57	.43	.35	.30	.55	.43	.35	.29	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27						
10	.53	.40	.32	.27	.52	.39	.32	.26	.38	.31	.27	.38	.31	.27	.37	.31	.26	.25						

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____

Company: _____

Signature: _____

Date: _____

For a complete list of ENERGY STAR qualified products, please visit www.standardpro.com

The attached data is provided to assist users in making lighting decisions based on various assumptions, factors and methods. Resources and efforts have been put in place to account for the data and the development of this tool however STANDARD does not warrant or guarantee that the results obtained will be accurate under actual use conditions. A lighting layout is recommend to ensure the proper light levels are attained to satisfy the demand of the application. / Data is based upon tests performed in a controlled environment and representative of relative performance. / Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.