Technical Information Bulletin
Edge Lit Ceiling Luminaire

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

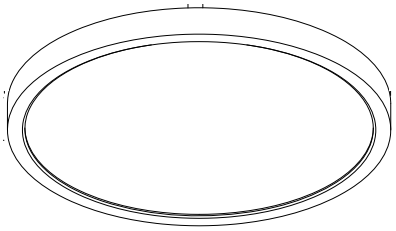
ORDERING INFORMATION

Order code:	65458
Description:	LED/CL12/EDGELIT/22W/30K/FM/RND/WH/STD
UPC:	69549654587
Case quantity:	1/10
Luminaire description:	Round LED Edge Lit Ceiling Luminaire

PHYSICAL DATA

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

TECHNICAL DRAWINGS AND DIMENSIONS



Diameter: 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 output[2]:	1 647
Lumens per Watts (lm/W):	75
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

DIMMABLE WET INDOOR 5 YEARS WARRANTY ICES 005

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	AAL06, SLC03P
LEVITON	6615, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ, IPL06
LUTRON	AYCL-253P, CTCL-153P, DVCL-153P, DVCL-253P, DVELV-300P, MACL-153P, NTELV-600, PD-6WCL, SELV-300P

DESCRIPTION AND OTHER OPTIONS

LED	/	CL12	/	EDGELIT	/	22W	/	30K	/	FM	/	RND	/	WH	/	STD
Technology		Size		Family		Watts		Colour Temperature		Style		Shape		Trim Colour		Brand
LED LED		**CL6** Ceiling 6 in **CL8** Ceiling 8 in **CL12** Ceiling 12 in		**EDGELIT** EDGELIT		**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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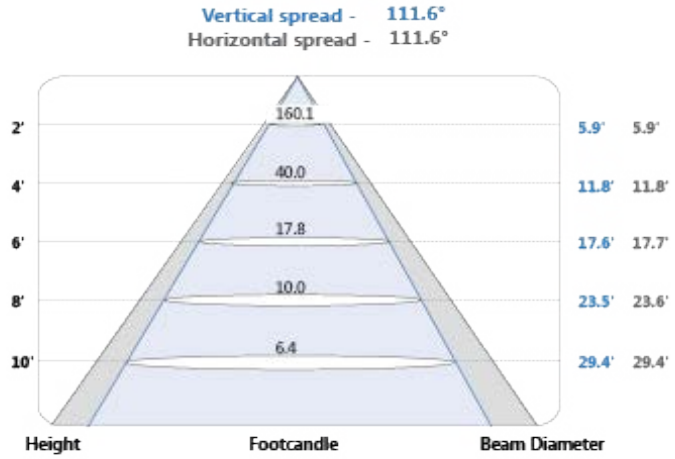
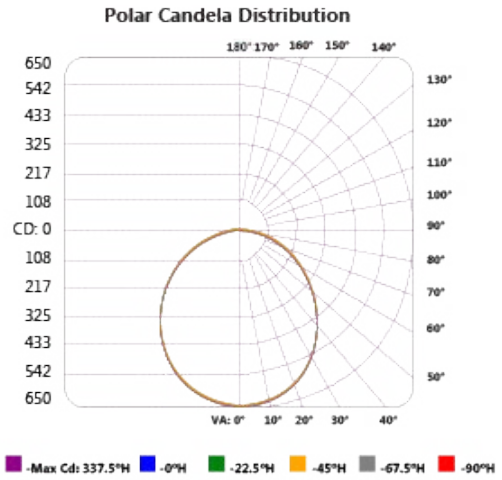
ORDER CODE: 65458

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	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	.97	.94	.91	.94	.91	.89	.90	.88	.86	.84
2	.99	.91	.84	.78	.96	.89	.83	.71	.85	.80	.75	.82	.78	.74	.79	.75	.72	.70
3	.90	.80	.71	.65	.88	.78	.70	.60	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4	.83	.71	.62	.55	.80	.69	.61	.52	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43
6	.70	.57	.48	.41	.68	.56	.47	.40	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7	.65	.51	.43	.36	.63	.51	.42	.35	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8	.60	.47	.38	.33	.59	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9	.56	.43	.35	.29	.55	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10	.53	.40	.32	.27	.52	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24

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.

February 19, 2019