

2" Round Pull-Down Teak™ LED Light Engine

The Teak™ LED light engine is an IC Rated diecast construction specification grade 2" LED downlight. Boasting an output up to 1100 lumens - more than a traditional 75W MR16 halogen lamp. Style options, beam options and color finish options offer maximum flexibility in design. Drivers and housings are specified separately for maximum flexibility per your project's needs. The patented engine offers auto release clips that make installation a breeze.



Features

- Dimmable ELV, Triac or 0-10V depending on driver used.
- Same LED light engine for 850 and 1100 lumens (see housings)
- UL Listed for Direct Contact with insulation
- Works with compatible ceilings up to 1¼"
- Height allows for use in ceilings with under 5" depth. Ceiling thickness can be reduced from fixture depth.
- 38° Standard beam with optional 28° and 60°
- Damp Location Rated
- JA8-2016-E, UL, and Energy Star Qualified
- Life Span 50,000 Hours L70
- U.S. Pat. 10,125,959

Specifications

Wattage	10.5 - 12.5W
Lumens	850 - 1100 lm
Color Temp.	2700K
Lamp Type	LED
Beam Angle	38°
CRI	93+
Damp Location	Listed

Options



All White



All Bronze



All Black

Technical Details

Optics: PC Lens for even lumen distribution. Standard 38° lens. Optional 28° (EP716C) and 60° (EP718C) available.

Construction: Diecast construction for lasting quality and greater heat dissipation. High quality powder coat finish prevents rust and paint cracking.

Adjustability: 360° rotation with 80° gimbal adjustability.

Installation: All Teak™ LED Light Engines feature a patented trigger release clip that will depress as the module is being inserted, holding the module in place. Hole cutout size: 2-5/8" (68 mm). Teak™ LED Light engines require driver

LED Technology: Extremely accurate color rendering with 93+ CRI. Efficacy of up to 104 lumens per watt. Lumen Maintenance of 50,000 hours L70 based on LM80. Superior Thermal Management by utilizing diecast aluminum body as heat sink.

Electrical: Requires driver. Driver and housing can be specified with voltage (120V or 120/277V) and dimming (ELV/Triac or 0-10V/Triac/ELV).

Compatible Housings/Delivered Lumens: Teak™ Light Engines are compatible with 120/277V 0-10V/Triac/ELV or 120V Triac/ELV Teak™ Housings.

• E2LAJ08ICA, E2LAJ08ICAD, E2L08ICA, E2L08ICAD, E2L08RIC, E2L08RICD (10.5W, 120V)
Delivered Lumens: 2700K: 850 lm, 3000K: 850 lm, 3500K: 850 lm, 4000K: 850 lm

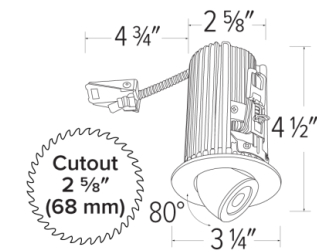
• E2LAJ11ICA, E2LAJ11ICAD, E2L11ICA, E2L11ICAD, E2L11RIC, E2L11RICD (12.5W, 120/277V)
Delivered Lumens: 2700K: 1100 lm, 3000K: 1100 lm, 3500K: 1100 lm, 4000K: 1100 lm

Dimming: See Teak™ Housings and drivers for specific dimming information.

Listings: cUL Listed. UL Listed for DAMP Location. UL Listed for direct contact with insulation. Airtight per ASTM E-283. ENERGY STAR® Qualified. California Title 24 (JA8-2016-E).

Warranty: ELCO Products are built to last with a 5-year Limited warranty.

Dimensions



Product Number Builder

Example: **E2L97F27W**

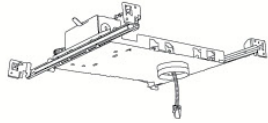
Round Pull-Down	Beam Angle	Color Temperature	Finish
E2L97	F 38° NF 28° WF 60°	27 2700K 30 3000K 35 3500K 40 4000K	W All White BZ All Bronze B All Black

Compatible Products



For use with 2" Teak™ Light Engines

2" Teak™ New Construction IC Rated



2" IC Frame - Includes driver
New Construction

SERIES	SPECIFICATIONS
E2L	Up to 1100 lm



Specialty R-60
2" IC Housing - Includes driver
New Construction

SERIES	SPECIFICATIONS
E2LAJ	Up to 1100 lm

PRODUCT NUMBER BUILDER

2" Teak™ IC Rated	Style	Lumens	Dimming
E2L	(Blank) IC New Construction Frame	08 850 lm	ICA 120 Triac/ELV
	AJ R60 IC New Construction Housing	11 1100 lm	ICAD 120/277V 0-10V/Triac/ELV

2" Teak™ New Construction IC Rated



2" IC Power Pack
Remodel

SERIES	SPECIFICATIONS
E2L	Up to 1100 lm

PRODUCT NUMBER BUILDER

2" Teak™ IC Remodel Power Pack	Lumens	Dimming
E2L	08 850 lm	RIC 120 Triac/ELV
	11 1100 lm	RICD 120/277V 0-10V/Triac/ELV

PLASTER FRAMES FOR REMODEL POWER PACKS



Plaster Frame
Single Cutout

CAT NO.
E2LF1



Plaster Frame
Multiple Cutout

CAT NO.	SPECIFICATIONS
E2LF1-M2	2 Set
E2LF1-M3	3 Set
E2LF1-M4	4 Set
E2LF1-M5	5 Set

*For row mounting fixtures

Accessories for Light Engines & Frames



Optional Lens
(Field changeable optics)

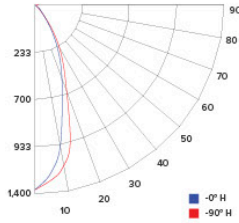
CAT NO.	SPECIFICATIONS
EP716C	28°
EP718C	60°

Photometric Report

Teak™ LED Light Engine with Power Pack

PHOTOMETRIC REPORT

Product #: E2L97F30 (with E2L08RIC)
 Wattage / Lumens: 9.69W / 771.3 lm
 Luminaire LPW: 79.5 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1335
5	1194
15	711
25	302
35	123
45	62
55	29
65	16
75	8
85	1
90	0

ILLUMINANCE AT A DISTANCE

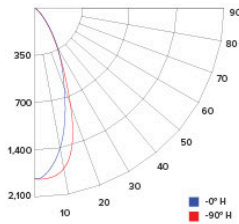
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	115.2	2.6'
6'	40.6	3.9'
8'	20.9	5.3'
10'	14.0	6.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	532.5	69.1
0-40°	634.4	82.3
0-60°	728.9	94.5
0-90°	762.9	99

PHOTOMETRIC REPORT

Product #: E2L97NF30 (with E2L08RIC)
 Wattage / Lumens: 9.69W / 902.6 lm
 Luminaire LPW: 93 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	2006
5	1831
15	880
25	331
35	130
45	60
55	31
65	20
75	11
85	5
90	4

ILLUMINANCE AT A DISTANCE

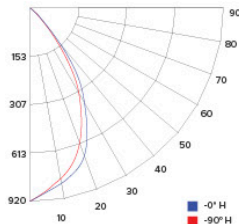
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	173.2	2.2'
6'	61.0	3.2'
8'	31.3	4.3'
10'	21.0	5.4'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	633.7	70.2
0-40°	734.9	81.5
0-60°	827.4	91.7
0-90°	874.2	96.9

PHOTOMETRIC REPORT

Product #: E2L97WF30 (with E2L08RIC)
 Wattage / Lumens: 9.69W / 876.4 lm
 Luminaire LPW: 90.4 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	908
5	891
15	777
25	526
35	258
45	91
55	23
65	11
75	5
85	1
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	78.6	4.3'
6'	27.6	6.4'
8'	14.2	8.6'
10'	9.5	10.7'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	554.2	63.2
0-40°	730.3	83.3
0-60°	844.1	96.3
0-90°	867.6	99