

Project name:

Fixture type:

Date:

6" LED Light Engine with Drop Glass Trim

The perfect lighting solution for high-end residential and light commercial projects.



Features

- High efficacy LED module.
- Triac/ELV/0-10V dimming.
- Life span of 50,000 hours L70.
- USA designed and assembled.
- Limited 5 year warranty.
- 2 at the end of the item number denotes Generation 2. Please note Gen 2 and Gen 1 are not cross compatible.

Specifications

Wattage	18W				
Lumens	1600 lm				
Color Temp.	SunsetK				
Lamp Type	LED				
Beam Angle	60°				
CRI	93+				
Damp Location Listed					
-					

Options

Chrome w/White

Trim





Black w/White Trim

Technical Details

Optics: Frosted polycarbonate module lens diffuses light evenly throughout while reducing glare with LED technology.

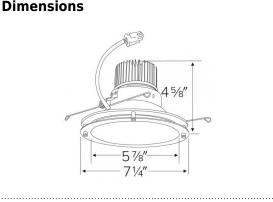
Trim Construction: Reflector is two piece trim for maximum color versatility. Design allows for minimal glare and a strong glare cut-off. Trim is constructed of metal for lasting durability.

Installation: Must be installed on a Cedar[™] System frame with compatible lumen rating. Frames are available for New Construction and Remodel as IC or non-IC.

LED Technology: Extremely accurate Color Rendering Index of 93+. Efficacy of 97 lumens per watt. Lumen Maintaince of 50,000 hours L70 Life based on LM80 standardized test results. Superior Thermal Management by utilizing ELCO Red heat sink. Instant On to Full Brightness technology. No LED pixelation.

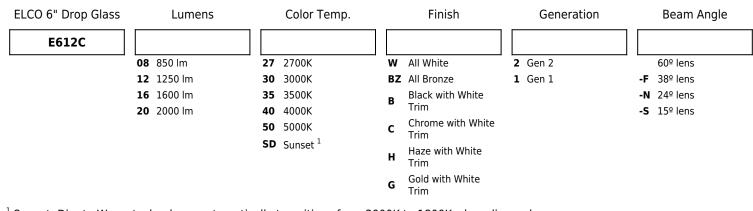
Sunset: Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

Listings: cUL Listed, Wet Location. RoHS Compliant. California Title 24 (JA8-2016-E).



All Bronze

Product Number Builder Example: E612C0827W2



¹ Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

LED Light Engine

Wattage/Lumens: 15.7W/1076 Lm Luminaire LPW: 69 Lm/W

PHOTOMETRIC REPORT Product #: E612C1230

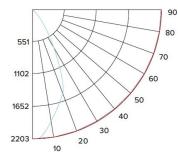
Multiplier: 2700K (x 0.96), 3500K (x 1.04), 4000K (x 1.08)

Degrees Vertical	0°	Distance to Target Plane	Footcandles Beam Center	Beam Diamete	
0	1715	4'	107	3.8'	
5	1614	6' 47.6		5.6'	
15	1099	8'	26.8	7.5'	
25	864	10'	17.1	9.4'	
35	322				
45	24	ZONAL LUMEN SUMMA	ARY		
55	1	Zone	Lumens	% Luminaire	
65	1	0-30°	839.73	78.00	
75	0	0-40° 1048.35		97.40	
85	0	0-60°	1075.43	99.90	
90	0	0-90°	0-90° 1076.31 100.0		

LED Light Engine

PHOTOMETRIC REPORT

Product #: E612C2030 Wattage/Lumens: 21.6W/ 1751 Lm Luminaire LPW: 81 Lm/W



Multiplier: 2700K (x 0.96), 3500 (x 1.04), 4000K (x 1.08)

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter 4.5' 6.8'	
4'	138		
6'	61.2		
8'	34.4	9.1'	
10'	22.0	11.3'	

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire		
0-30°	1313.28	75.00		
0-40°	1689.32	96.50		
0-60°	1749.93	99.90		
0-90°	1751.25	100.00		

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Compatible Products

For use with 6" Cedar™ Light Engines

6" Cedar™ Dedicated LED ICA Housings



6" Cedar™ Dedicated LED Non-IC Housings



PRODUCT NUMBER BUILDER								
Housing Type		Lumen		ICA	CA Airtight		Dimming	Optional
E6FH	Fire Rated	08	850 lm	(Blank) Non-IC	(Blank)	120V Triac/ELV	EM1 Emergency Backup up to 700 lm output
E6LC	New Construction	12	1250 lm	ICA	IC Airtight	D	120/277V Triac/ELV/0-10V	EM2 Emergency Backup up to 1100 Im output
E6LRC	Remodel	16 20	1600 lm 2000 lm			L	Lutron	

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