

ECLIPSE

DECORATIVE LIGHT

CASA SERIES | Surface/Stem Mount Downlight

eralux®

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				CS-EC-15-24W-BKGD
ACCESSORY PN				
NOTES				



DYNAMIC MENU

Order Information	Page 2
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[Install Instruction link](#)



SPECIFICATIONS

Input Voltage	120V
Power Factor	>0.7
Total Harmonic Distortion	<20%
Dimming	TRIAC dimming
CRI	80 CRI
CCT	27K 30K 35K 40K 50K
Efficacy	~60 lm/w
Diameter	15-inch
Power	24W
Ambient Temperature Range	-20°C to 40°C
Mounting Options	Surface mount
	Stem mount
Fixture Finish	 housing and Gold reflector
Distribution	Indirect Direct Lambertian 120°

PRODUCT FEATURES



PRODUCT CERTIFICATIONS



SYSTEM WARRANTY – 3 YEARS

Eralux will warrant defective drivers, LEDs and boards for 3 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L80 at 54,000 hours

Rated for 80% initial lumen output at 54,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

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ORDERING GUIDE

CS-EC	-15	-24W	-BK	GD
CS-EC Eclipse Decorative Downlight 27/30/35/40/50K CCT Switchable	-15 15-inch Diameter	-24W 24W 1400 lm	-BK Matte Black	GD Brushed Brass

Fixture Family

Size

Power

Finish

Reflector



ORDERING GUIDE - ACCESSORY

CS-EC Eclipse Decorative Downlight	-STEM-KIT	-BK Matte Black
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Fixture Family

Accessory

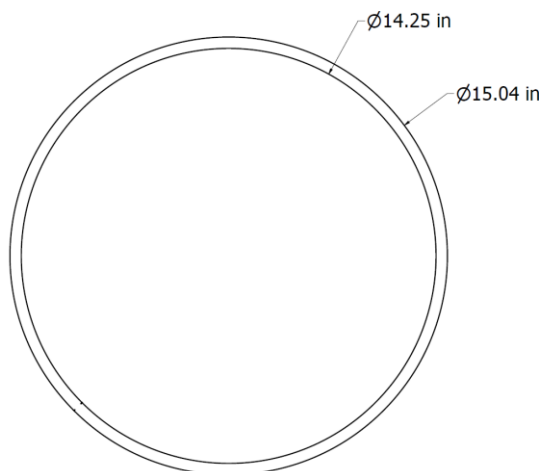
Finish

DIMENSIONS - FIXTURE

CS-EC-15-24W

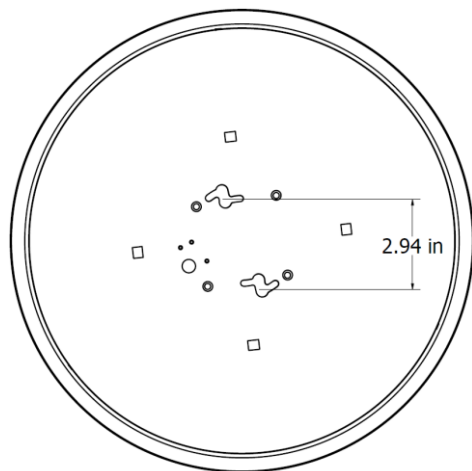
FRONT VIEW

SIDE VIEW

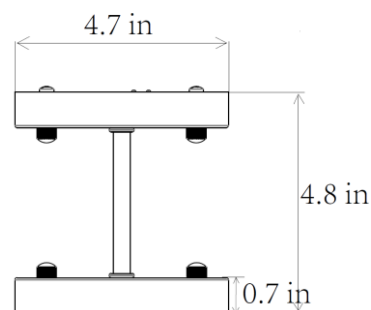


DIMENSIONS - MOUNTING

SCREW POSITION FOR SURFACE MOUNT



STEM



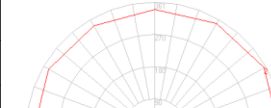
LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

LUMEN ESTIMATE ADJUSTMENT FACTORS

CCT	3500K	4000K	5000K
PREMIUM (90CRI)	0.97	1	1.03

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
CS-EC-15-24W		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	22W	0-20°	132.10	7.2		2.5ft	57 fc	5.0 ft	7.3 ft
CCT	5000K	0-30°	285.38	15.5		5.0ft	14.3 fc	10.0 ft	14.7 ft
Distribution	120°	0-40°	479.27	26.1		7.5ft	6.34 fc	15.0 ft	22.0 ft
Diameter	15"	0-60°	916.39	49.8		10.0ft	3.56 fc	20.0 ft	29.3 ft
		0-80°	1304.58	71.1		12.5ft	2.28 fc	25.0 ft	36.7 ft
		0-90°	1455.33	79.2		15.0ft	1.58 fc	30.0 ft	44.0 ft
						■ Vert. Spread: 90.0° ■ Horiz. Spread: 111.4°			

OVERVIEW



Innovative Design

- Round decorative downlight.
- Highly durable polycarbonate and high transmittance lens.
- 10% uplight



Options

- 15-inch diameter
- Five CCT switchable
- Matte black cover & brushed Brass reflector



Tests And Certifications



Mounting Available

- Surface mount
- Stem mount



DIMMER COMPATIBILITY LIST

TRIAC Dimming

Model

Lutron CTCL-153P

Lutron DVCL-253P

Lutron S-603P

Lutron DV-603PG

Lutron S-603PG