

CYLINDERS

EZ M WALL-MOUNT

A round architectural cylinder made for the wall, casting direct and indirect light from a 4in aperture, 12in tall body at up to 50W, programmable from 19W. Its die-cast aluminum housing sheds heat to extend LED and driver life, with 90 CRI and 15° to 55° beams.

Education

Art Gallery

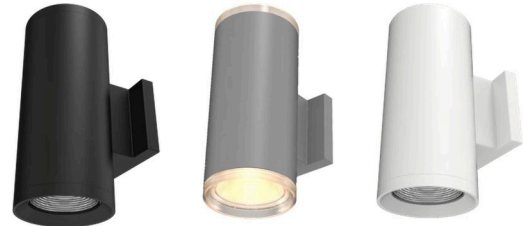
Hospitality

Retail Store



Project Information

Type: Date:
 Project:
 Catalog #:
 Notes:



Key Specifications

Electrical

Input voltage	120–277V
Power factor	> 0.9
THD	< 20%
Dimming	0-10V, ELV, TRIAC
Power	Up to 50W, prog. 19–50W

Optical

Lumen range	50W - 4040lm
Efficacy	~90lm/W
CRI	90
CCT	2700K • 3000K • 3500K • 4000K
Distribution	15° • 30° • 40° • 55°

Physical

Aperture	4in
Height	12in
Mounting	Wall • Direct / Indirect
Finish	Black • White • Silver • RAL
Ambient	10°C to 35°C
Application	Indoors only
Accessories	Snoot • Hex louver • Pin hole • Ring

Certifications

Listings	5-Yr Warranty • UL • RoHS
Lumen maintenance	L85 at 50000h

System Warranty

5 years

Eralux will warrant defective drivers, LEDs and boards for 5 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 thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L85 at 50000h

Rated for 85% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

AE-CYL-EZM-50R12

01 FIXTURE FAMILY



AE-CYL-EZM-50R12
EZ M Wall-Mount, 12in height

02 MOUNTING



-WM1
Direct or indirect



-WM2
Direct/indirect

Wall mount

-WM1: direct or indirect only
-WM2: direct/indirect
Choose the beams in steps 05 and 06.

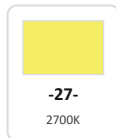
03 POWER



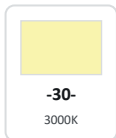
50
W

-50
50W · 4040lm · prog. 19–50W ¹
25W each side or 50W one side

04 CCT



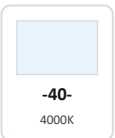
-27-
2700K



-30-
3000K



-35-
3500K

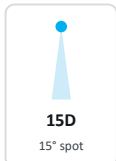


-40-
4000K

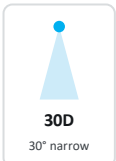
05 DIRECT BEAM



Blank
No downlight



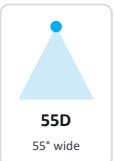
15D
15° spot



30D
30° narrow



40D
40° flood

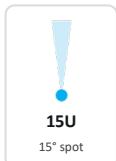


55D
55° wide

06 INDIRECT BEAM



Blank
No uplight



15U
15° spot



30U
30° narrow

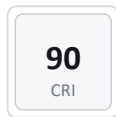


40U
40° flood



55U
55° wide

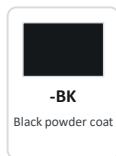
07 CRI



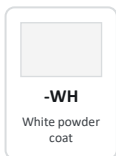
90
CRI

-P-T
90 CRI

08 FINISH



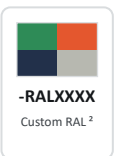
-BK
Black powder coat



-WH
White powder coat



-SV
Silver powder coat



-RALXXXX
Custom RAL ²

CUSTOM RAL COLORS



RAL 6005
Moss Green



RAL 6032
Signal Green



RAL 6027
Light Green



RAL 5003
Sapphire Green



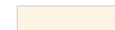
RAL 7001
Silver Gray



RAL 7033
Cement Gray



RAL 7038
Agate Gray



RAL 9001
Cream



RAL 9006
Silver



RAL 7040
Window Gray



RAL 1015
Light Ivory



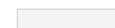
RAL 2012
Salmon Orange



RAL 3031
Orient Red



RAL 8024
Beige Brown



RAL 9003
Signal White



RAL 9007
Gray Aluminum



RAL 9022
Light Pearl Gray



RAL 9023
Pearl Dark Gray



RAL 7011
Iron Gray



RAL 9004
Signal Black

Replace RALXXXX with the four-digit RAL number.
Colors are indicative — contact the manufacturer
for anything outside this chart.

1. Output is programmable between 19 and 50W; 19W yields 1710lm (on request). 2. Custom RAL finish — the color chart is in the right-hand column of this page. Contact the manufacturer for custom color and custom size.

Accessory Ordering Guide

Assembled Accessory Number

RESET

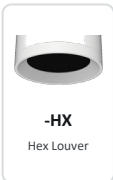
AE-CYL-EZM

01 ACCESSORY FAMILY



AE-CYL-EZM
Eleganza Max accessory

02 ACCESSORY



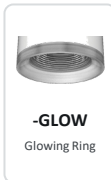
-HX
Hex Louver



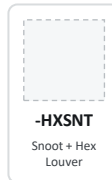
-SNT
Snoot



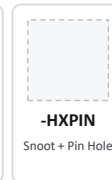
-PIN
Pin Hole



-GLOW
Glowing Ring

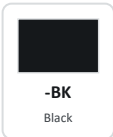


-HXSNT
Snoot + Hex Louver



-HXPIN
Snoot + Pin Hole

03 FINISH



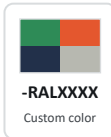
-BK
Black



-WH
White



-SV
Silver



-RALXXXX
Custom color

Custom RAL. Replace RALXXXX in the catalog number with the four-digit RAL number, e.g. AE-CYL-EZM-HX-RAL6032. The color chart is on page 02.

Accessory Descriptions

AE-CYL-EZM-HX Hex louver: reduce the glare of the light source and luminaire.

AE-CYL-EZM-HXSNT Hex louver: reduce the glare of light source while using a snoot to control the light beam direction.

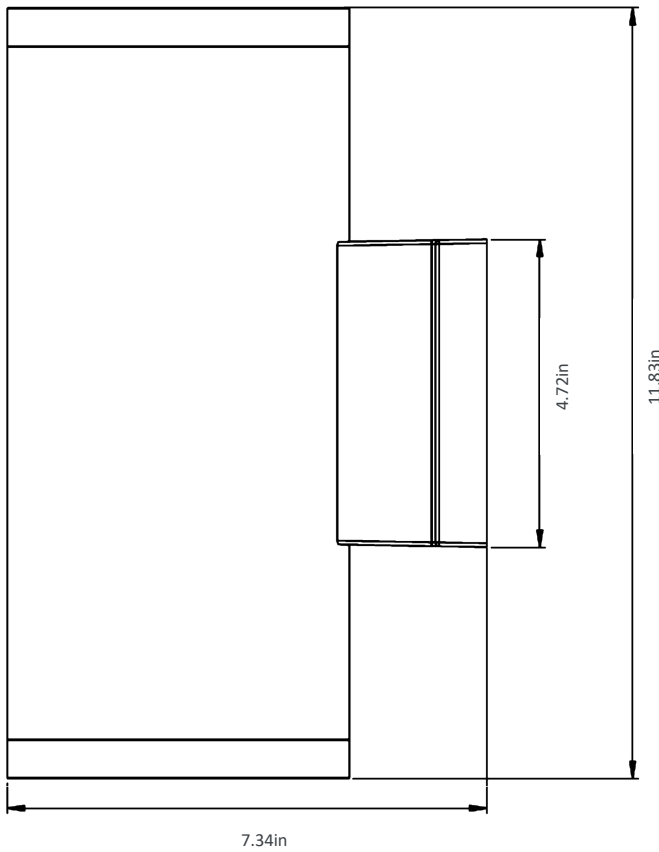
AE-CYL-EZM-SNT Snoot: control the direction and radius of the light beam.

AE-CYL-EZM-PIN Pinhole: plate to reduce the beam angle of the Eleganza Max.

AE-CYL-EZM-GLOW Glowing ring: emits a light ring at the base of the cylinder.

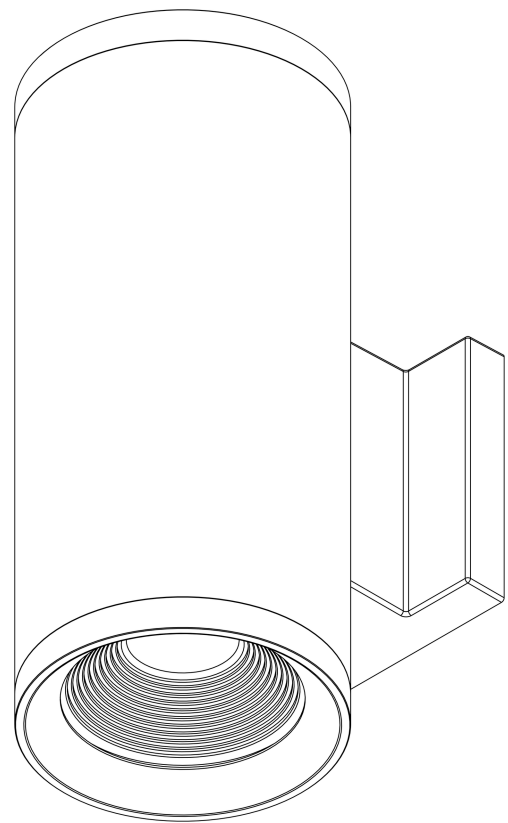
Dimensions

All dimensions in inches. [Install Instruction link](#)



-WM1 • -WM2 Wall mount

Side elevation

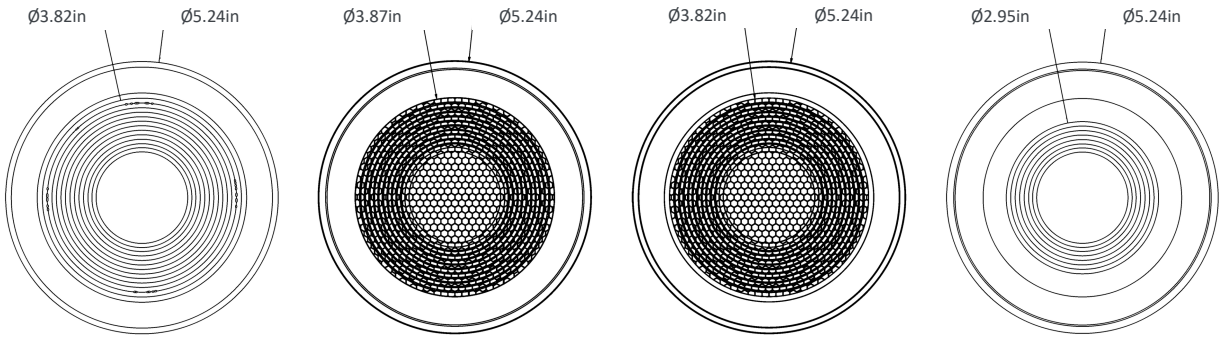


Isometric

View from below

Accessory Dimensions

Aperture & Accessory Profiles



Standard

Ø3.82in aperture
Ø5.24in body

-HX Hex louver

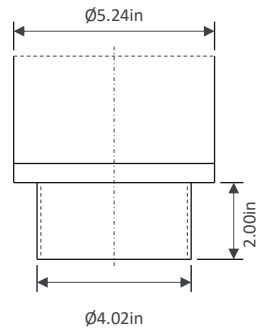
Ø3.87in aperture

-HXSNT Hex louver + snoot

Ø3.82in aperture

-PIN Pin hole

Ø2.95in aperture



-SNT Snoot

Ø4.02in aperture
2.00in length

All dimensions in inches. Accessories are ordered separately from the Accessory Ordering Guide on page 03.

Photometric Data

Lumen Estimate Adjustment Factors

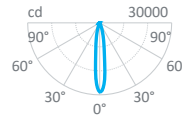
2700K × 0.9 3000K × 1 3500K × 1.08 4000K × 1.08

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered. Data below: 50W; -WM1 direct light (3000K), -WM2 downlight and uplight (3500K).

AE-TL-EZM-50R-12-WM1-50W

15° SPOT

	Wattage	46.5W	0-20°	3003.91	78.28
	CCT	3000K	0-30°	3457.52	90.10
	Distribution	15°	0-40°	3631.24	94.62
			0-60°	3758.42	97.94
			0-80°	3788.32	98.72
			0-90°	3794.98	98.89

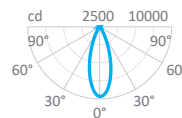


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	9941	0.4ft	0.4ft
3.3ft	2638	0.9ft	0.9ft
5.0ft	1149	1.3ft	1.3ft
6.7ft	640	1.7ft	1.7ft
8.3ft	417	2.1ft	2.2ft
10.0ft	287	2.6ft	2.6ft
Vert. spread		14.7°	
Horiz. spread		14.8°	

AE-TL-EZM-50R-12-WM1-50W

30° NARROW

	Wattage	46.4W	0-20°	2387.49	59.68
	CCT	3000K	0-30°	3388.86	84.72
	Distribution	35°	0-40°	3744.59	93.61
			0-60°	3909.92	97.74
			0-80°	3948.28	98.70
			0-90°	3955.17	98.87

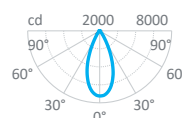


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	3340	1.1ft	1.1ft
3.3ft	886	2.1ft	2.1ft
5.0ft	386	3.1ft	3.1ft
6.7ft	215	4.2ft	4.2ft
8.3ft	140	5.2ft	5.2ft
10.0ft	96.5	6.2ft	6.2ft
Vert. spread		34.6°	
Horiz. spread		34.6°	

AE-TL-EZM-50R-12-WM1-50W

40° FLOOD

	Wattage	46.5W	0-20°	2140.77	52.83
	CCT	3000K	0-30°	3341.91	82.48
	Distribution	43°	0-40°	3784.43	93.40
			0-60°	3963.30	97.81
			0-80°	3999.09	98.70
			0-90°	4006.09	98.87



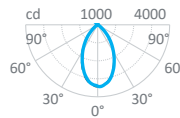
DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	2505	1.4ft	1.4ft
3.3ft	665	2.6ft	2.6ft
5.0ft	290	4.0ft	4.0ft
6.7ft	161	5.3ft	5.3ft
8.3ft	105	6.6ft	6.6ft
10.0ft	72.4	8.0ft	8.0ft
Vert. spread		43.4°	
Horiz. spread		43.5°	

Photometric Data

AE-TL-EZM-50R-12-WM1-50W

55° WIDE

		ZONE	LUMENS	% FIXTURE
		0-20°	1117.27	30.65
Wattage	46.7W	0-30°	2080.75	57.08
CCT	3000K	0-40°	2902.84	79.63
Distribution	60°	0-60°	3534.76	96.96
		0-80°	3597.54	98.68
		0-90°	3604.64	98.88

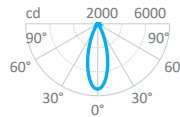


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1181	1.9ft	2.0ft
3.3ft	313	3.8ft	3.8ft
5.0ft	136	5.7ft	5.8ft
6.7ft	76.0	7.7ft	7.7ft
8.3ft	49.5	9.5ft	9.6ft
10.0ft	34.1	11.4ft	11.5ft
Vert. spread		59.5°	
Horiz. spread		60.0°	

AE-TL-EZM-50R-12-WM2-50W

WM2 · DOWNLIGHT

		ZONE	LUMENS	% FIXTURE
		0-20°	1344.60	59.37
Wattage	50W	0-30°	1911.43	84.40
CCT	3500K	0-40°	2112.44	93.28
Distribution	35°	0-60°	2209.91	97.58
		0-80°	2233.13	98.61
		0-90°	2237.57	98.80

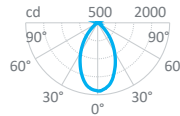


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1885	1.1ft	1.1ft
3.3ft	500	2.1ft	2.1ft
5.0ft	218	3.1ft	3.1ft
6.7ft	121	4.2ft	4.2ft
8.3ft	79.1	5.2ft	5.2ft
10.0ft	54.5	6.2ft	6.2ft
Vert. spread		34.5°	
Horiz. spread		34.5°	

AE-TL-EZM-50R-12-WM2-50W

WM2 · UPLIGHT

		ZONE	LUMENS	% FIXTURE
		0-20°	619.23	31.24
Inverted; distances upward		0-30°	1149.87	58.02
Wattage	50W	0-40°	1596.10	80.53
CCT	3500K	0-60°	1923.89	97.07
Distribution	59°	0-80°	1952.04	98.49
		0-90°	1956.63	98.73



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	656	1.9ft	1.9ft
3.3ft	174	3.8ft	3.8ft
5.0ft	75.8	5.7ft	5.7ft
6.7ft	42.2	7.6ft	7.6ft
8.3ft	27.5	9.5ft	9.5ft
10.0ft	19.0	11.4ft	11.4ft
Vert. spread		59.4°	
Horiz. spread		59.4°	

Sensor & Dimming

Non-Bluetooth Sensors set up by IR remote

Product	Detection type	Detection range	Set-up	Dimming protocol	Installation
 Detecta AE-CT-DT806	PIR Microphonics	9.8–32.75ft	IR remote	On/Off	Ceiling · no power pack
Remote control RC102					

Please refer to spec sheet for exact specifications for all items above.

Dimmer List

Dimmer Compatibility — TRIAC / ELV

Lutron	SLV-600X · S2-LX · GL-600H
	NFTU-5A · DVLV-600P
Leviton	6602-X · 6681-X · 6683-X · 6684-X
	700-X · 705-X · 6633 · 6674 · IPI06-1LZ
Cooper	9530XXX
Lightolier	MP600X
Advance	SR150LED120

Dimmer Compatibility — 0-10V

Lutron, Nova	NFTV
Lutron, Diva	DVTV
Leviton, Illumatech	IP710-DL

Compatibility verified by Eralux at time of publication. For dimmers not listed, contact the factory.