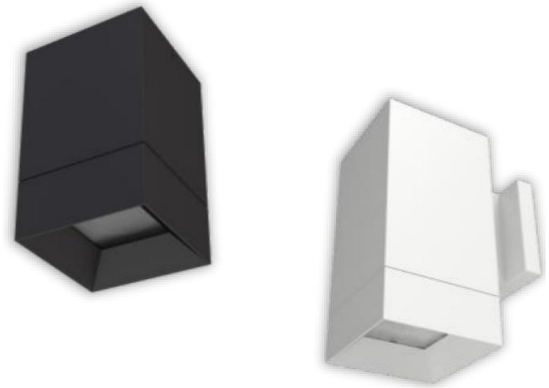


ELEGANZA SQUARE

Project Information

Type: Date:
 Project:
 Catalog #:
 Notes:

A square take on the Eleganza cylinder, with a 2.8in aperture and 10in height. Its die-cast aluminum body improves heat dissipation and LED and driver lifespan; up to 42W at ~82lm/W, four CCTs, four beam angles and wall, surface or stem mount.



Education

Art Gallery

Hospitality

Retail Store

Show Room



Key Specifications

Electrical

Input voltage	120/277V
Power factor	> 0.9
THD	< 20%
Dimming	0-10V, TRIAC, down to 1%
Power	Up to 42W, prog. 25-42W

Optical

Lumen range	42W - 3440lm
Efficacy	~82lm/W
CRI	90
CCT	2700K • 3000K • 3500K • 4000K
Distribution	20° • 28° • 35° • 55°

Physical

Housing	Aluminum die cast
Aperture	2.8in
Height	10in
Mounting	Wall • Stem • Surface
Finish	Black • White
Ambient	10°C to 35°C
Application	Indoors only
Accessories	Occupancy sensor • Controls

Certifications

Listings	5-Yr Warranty • ETL • RoHS
Lumen maintenance	L70 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

L70 at 50000h

Rated for 70% 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-EZ-42SQ10

01 FIXTURE FAMILY



AE-CYL-EZ-42SQ10
Eleganza Square, 10in height

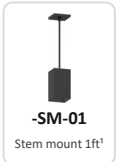
02 MOUNTING



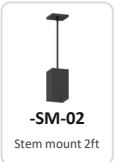
-SF
Surface mount



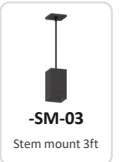
-WM
Wall mount



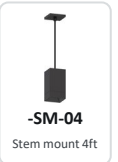
-SM-01
Stem mount 1ft¹



-SM-02
Stem mount 2ft

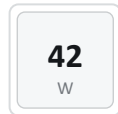


-SM-03
Stem mount 3ft



-SM-04
Stem mount 4ft

03 POWER



42
W

-42
42W · 3440lm at 3500K · prog. 25–42W²

04 CCT



-C27
2700K



-C30
3000K

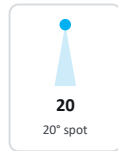


-C35
3500K

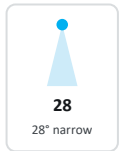


-C40
4000K

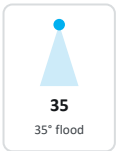
05 DISTRIBUTION



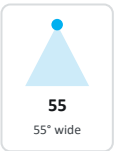
20
20° spot



28
28° narrow

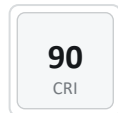


35
35° flood



55
55° wide

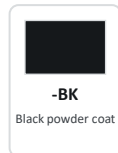
06 CRI



90
CRI

-P-T
Premium 90 CRI

07 FINISH



-BK
Black powder coat

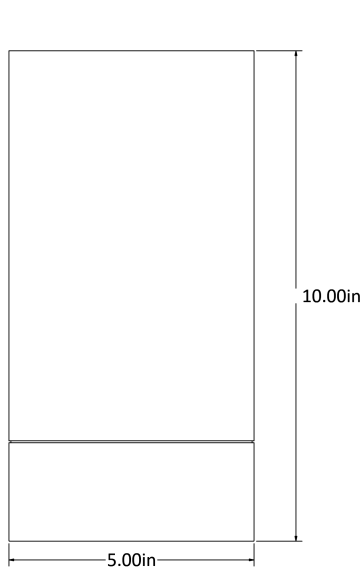


-WH
White powder coat

1. Stem mount comes with square canopy. 2. Programmable driver from 25W to 42W; 2050–3440lm.

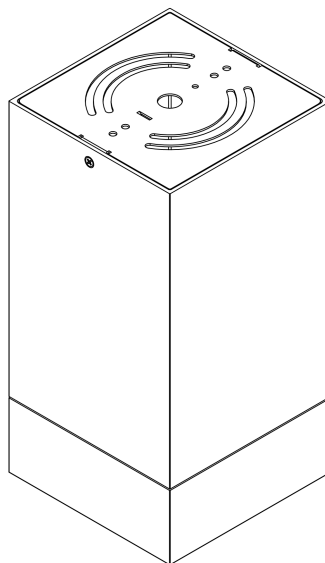
Dimensions

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



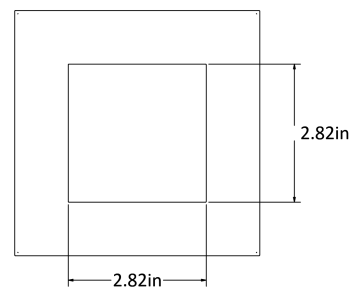
-SF Surface

Side view · ceiling-mounted



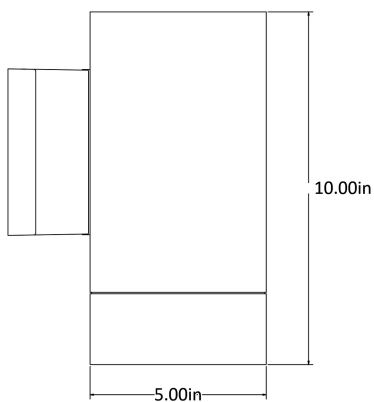
-SF Surface

Isometric view



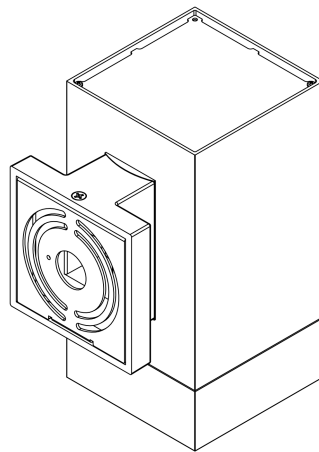
-SF Surface

Bottom view · 2.82in x 2.82in aperture



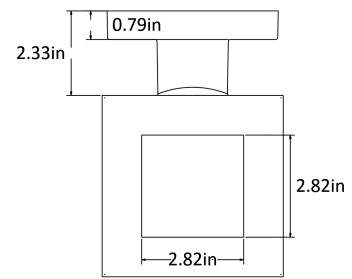
-WM Wall

Side view · wall-mounted bracket



-WM Wall

Isometric view

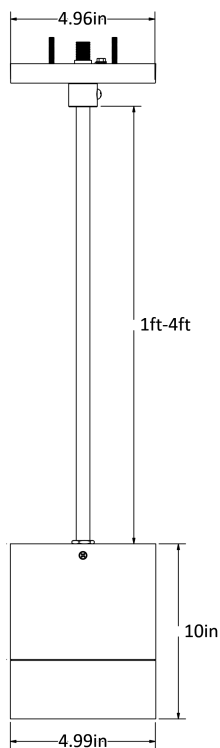


-WM Wall

Bottom view with wall bracket

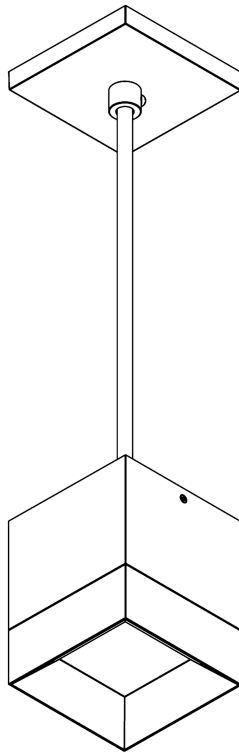
Mounting Dimensions

Stem Mount



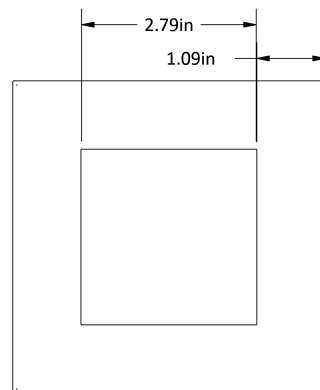
-SM-01 ... -SM-04 Stem

0.5in diameter stem; 1ft, 2ft, 3ft & 4ft · square canopy¹



-SM-01 ... -SM-04 Stem

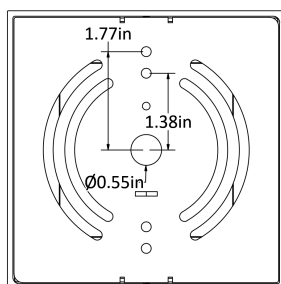
Isometric view



-SM-01 ... -SM-04 Stem

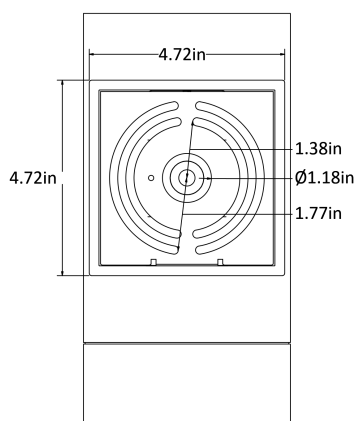
Bottom view · 2.79in aperture

Drill Position



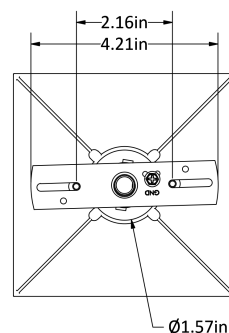
-SF Surface

Fixture top plate



-WM Wall

Wall mounting plate



-SM-01 ... -SM-04 Stem

Square canopy¹

1. Stem mount comes with square canopy. All dimensions in inches.

Photometric Data

Lumen Estimate Adjustment Factors

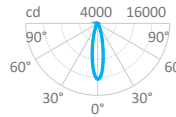
2700K × 0.96 3000K × 1 3500K × 1 4000K × 1.06

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-CYL-EZ-42SQ10-XX-42-C3020

20° SPOT

		ZONE	LUMENS	% FIXTURE
Wattage	43.1W	0-20°	2014.10	64.86
CCT	3000K	0-30°	2578.65	83.04
Distribution	22°	0-40°	2843.44	91.56
		0-60°	3023.32	97.36
		0-80°	3058.55	98.49
		0-90°	3064.81	98.69

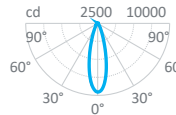


DISTANCE	CENTER Fc	BEAM WIDTH
2.5ft	1984	1.0ft 1.0ft
5.0ft	496	2.0ft 2.0ft
7.5ft	220	3.0ft 3.0ft
10.0ft	124	4.0ft 4.0ft
12.5ft	79.4	5.0ft 5.0ft
15.0ft	55.1	5.9ft 6.0ft
Vert. spread		22.4°
Horiz. spread		22.5°

AE-CYL-EZ-42SQ10-XX-42-C3028

28° NARROW

		ZONE	LUMENS	% FIXTURE
Wattage	43.1W	0-20°	1941.53	61.25
CCT	3000K	0-30°	2566.64	80.97
Distribution	28°	0-40°	2864.08	90.36
		0-60°	3075.89	97.04
		0-80°	3118.63	98.39
		0-90°	3125.57	98.61

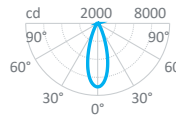


DISTANCE	CENTER Fc	BEAM WIDTH
2.5ft	1526	1.2ft 1.2ft
5.0ft	382	2.5ft 2.5ft
7.5ft	170	3.7ft 3.7ft
10.0ft	95.4	5.0ft 5.0ft
12.5ft	61.0	6.2ft 6.2ft
15.0ft	42.4	7.4ft 7.5ft
Vert. spread		27.8°
Horiz. spread		27.9°

AE-CYL-EZ-42SQ10-XX-42-C3035

35° FLOOD

		ZONE	LUMENS	% FIXTURE
Wattage	43.1W	0-20°	1779.30	55.27
CCT	3000K	0-30°	2521.39	78.32
Distribution	35°	0-40°	2860.14	88.85
		0-60°	3115.30	96.77
		0-80°	3167.00	98.38
		0-90°	3174.21	98.60

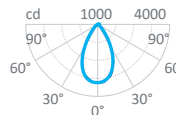


DISTANCE	CENTER Fc	BEAM WIDTH
2.5ft	1129	1.6ft 1.6ft
5.0ft	282	3.1ft 3.2ft
7.5ft	125	4.7ft 4.7ft
10.0ft	70.5	6.3ft 6.3ft
12.5ft	45.1	7.8ft 7.9ft
15.0ft	31.3	9.4ft 9.5ft
Vert. spread		34.8°
Horiz. spread		35.0°

AE-CYL-EZ-42SQ10-XX-42-C3055

55° WIDE

		ZONE	LUMENS	% FIXTURE
Wattage	43.1W	0-20°	1092.63	35.93
CCT	3000K	0-30°	1986.64	65.34
Distribution	57°	0-40°	2539.73	83.53
		0-60°	2916.40	95.92
		0-80°	2993.48	98.45
		0-90°	3000.14	98.67



DISTANCE	CENTER Fc	BEAM WIDTH
2.5ft	517	2.7ft 2.7ft
5.0ft	129	5.4ft 5.4ft
7.5ft	57.5	8.1ft 8.2ft
10.0ft	32.3	10.8ft 10.9ft
12.5ft	20.7	13.5ft 13.6ft
15.0ft	14.4	16.2ft 16.3ft
Vert. spread		56.8°
Horiz. spread		57.1°

Sensor & Dimming

Bluetooth Sensors ARIA PLUS · BLE

Ceiling sensors with power pack

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	Compatible power pack	
					PPA102S 720W 120–277V	PPA104S.B1 2400W 120–277V
 EFS107E Surface mount Daisy chain	PIR Ultrasonic	64ft	200ft	0-10V 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.