

Wedge Series

The **Wedge series by Forum** is a unique multi-illuminated plane fixture designed to be mounted either vertically or horizontally in 90 degree corner applications. Wedge provides a wide angle, uniform level of illumination and is designed to be used in any location where high levels of uniform lighting are required. An integrated EMBB option makes Wedge a stylish fixture for egress applications.

Ordering

MOUNTING		OUTPUT		SHIELDING	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3	OPTION 4
WDG — — LED — — — — — — — — — — Im/ft CCT	SC Surface Ceiling	65 650 lm/ft 6.5 input watts/ft*	27 2700k temp 93.5% Special order option	WOL White Opal Lens	2 2'	120V	WH White	EC Emergency Circuit		ADJ Field Adjustable	
	SW Surface Wall				3 3'	277V	SV Silver	EMLED LED battery pk		F Fusing	
	CH Cable Horizontal	95 950 lm/ft 9.5 input watts/ft*	30 3000k temp 95.2%		4 4'	UNV Universal	BK Black	90 CRI 90 CRI			
	CV Cable Vertical				5 5'			CC Custom Color		DIMMING OPTIONS (CHOOSE 1)	
	FF Flange Free	* Assumes 4000k w/ satin lens	35 3500k temp 96.8%		6 6'			Provide custom color RAL#:		D10V 0-10V dimming 1% power class	DLA2 Lutron Hi-lume 1% 2-wire LED driver (120V forward phase only)
		Lumen Multiplier = % of 4000K Consult factory for limitations	40 4000k temp 100%		7 7'			DLA3 Lutron Hi-lume 1% 3-wire LED driver	DLA5 Lutron Hi-lume 1% EcoSystem LED driver		
			50 5000k temp 103%		8 8'			DLEH5 Lutron Hi-lume 1%-H EcoSystem LED driver with Soft-On, Fade-to-Black	DLE55 Lutron 5-Series EcoSystem LED driver		
			System Power Draw: 65LEDxx = 6.5W/ft 95LEDxx = 10.6W/ft 110LEDxx = 12.3W/ft		9 9'			DALI Digitally Addressable Lighting Interface	DIM Dimming Please specify dimming manufacturer/model (if required)		
					10 10'			PTRN custom pattern*			
					11 11'			Specify continuous run length:			
					12 12'			Standard run length in even foot increments.			
								Units ordered as individual units cannot be joined in field to create runs.			
				* See pattern workshee							

- 1 60 option available with 40 Fixture Length only
- 2 90 option available with 60 Fixture Length only
- 3 A2 option available with 80 Fixture Length only
- 4 10ft aircraft cables with gripples and hourglass sleeves pre-installed. Canopy kits ordered separately
- 5 G2 option available with 60 Fixture Length and 90 Lumen Output options only
- 6 10ft Power Cord included. 300V 18AWG, 5-Conductor wire
- 7 Powercord not required for G2 mounting option

CONTROLS & SENSORS

Ordering Code	Description
C110	Casambi (1x 010v)
C210	Casambi (2x 010v)

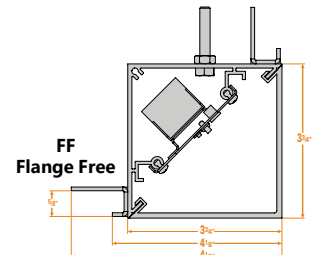
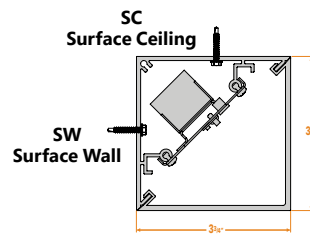
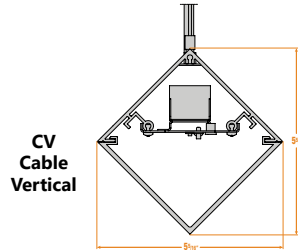
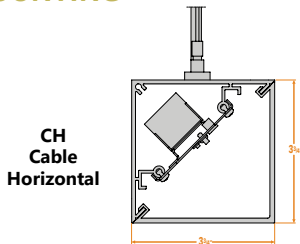
DIMMING OPTIONS

Ordering Code	Description
D10V	0-10V Dimming, 1% power class
DLA2	Lutron Hi-lume 1% 2-lire LED driver (120V forward phase only)
DLA3	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On, Fade-to-Black
DLA5	Lutron Hi-lume 1% EcoSystem LED driver
DLEH5	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On, Fade-to-Black
DLE55	Lutron 5-Series EcoSystem LED driver
DALI	Digitally Addressable Lighting Interface
DIM	Custom Dimming. Please specify dimming manufacturer/model

2. OPTIONAL ACCESSORIES



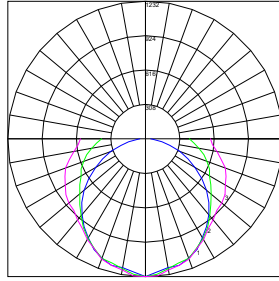
MOUNTING



Photometrics

Logic/Config
WEDGE

4435 Lumens
WDG-CV-110LED40-WOL X
4'-WH



Maximum Candela = 1231.53 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (45 - 225)
 # 3 - Vertical Plane Through Horizontal Angles (90 - 270)

ZONE	LUMENS	% OF FIXTURE
0-20	443.48	10.00
0-30	942.62	21.30
0-40	1548.69	34.90
0-60	2852.86	64.30
0-80	3999.19	90.20
0-90	4434.77	100.00

ZONE	LUMENS	% OF FIXTURE
10-90	4320.17	97.40
20-40	1105.21	24.90
20-50	1757.64	39.60
40-70	1916.2	43.20
60-80	1146.33	25.80
70-80	534.30	12.00
80-90	435.58	9.80
90-110	0.00	0.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
110-180	0.00	0.00
0-180	4434.77	100.00

CONSTRUCTION

Housing:	Extruded aluminum, machined endcaps
Lens:	White opal lens
Optical Assembly:	.040" aluminum in a pre-paint white finish. Fully wired unit remains completely accessible from below via ballast panel.
Paint:	Black, White, Silver, Custom Color

OPTICAL SYSTEM

Lumens:	950-1100 lm/ft
Distribution:	Direct
Efficacy:	CV: 111-119 LPW SW: 130-138 LPW (80CRI/40K)
Wattage:	6.5-9.5 watts/ft
CCT:	2700k, 3000K, 3500K, 4000K, 5000K
CRI (Min):	90CRI
R9 (Min):	65
Color Consistency:	2SDCM

ELECTRICAL

Input Voltage:	120V, 277V, Universal Voltage
Input Frequency:	50/60Hz
Power Factor (PF):	>0.9
Total Harmonic Distortion (THD):	<16% - 120V <20% - 277V
Temperature / Humidity:	Suitable for Damp Locations
Transient Protection:	All Non-Lutron = 2.5KV Lutron = 4KV

CONTROLS

Dimming:	0-10V 1% power class; Lutron Hi-lume 1% 2-wire LED driver; Lutron Hi-lume 1% 3-wire LED driver; Lutron Hi-lume 1% EcoSystem LED driver; Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On Fade-to-Black; Lutron 5-Series EcoSystem LED driver; Digitally Addressable Lighting Interface; Custom Dimming C110 Casambi (1x 010v) C210 Casambi (2x 010v)
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LUMEN MAINTENANCE

- L70>50K Hours

MOUNTING

- SC- Surface Ceiling
- SW - Surface Wall
- CH - Cable Horizontal
- CV - Cable Vertical
- FF - Flange Free

DESIGN LIFE & WARRANTY

- Warranty:**
- LED boards - 5 years
 - LED drivers (standard) - 5 years
 - LED drivers (Lutron) - 3 years



For Product or Technical Questions:

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