



Customer Name	Date
Project Name	
Catalog Number	

# Rings Series

24, 36, 48

The Rings series by Forum is a line of truly unique, ultra-thin light fixtures which shatter conventional limitations. Available in diameters ranging from 24" through 48", Rings can be integrated into any space thanks to its vertical and horizontal mounting orientations and numerous mounting hardware configurations. Rings provides even, uniform illumination, center to edge, without fade, shadowing or SJ cords. Current's patented TriGain® phosphor delivers 90 CRI color quality at 80 CRI efficacy.

## Ordering

RNG - - - - - CCT - - - - - / - - - - -

SIZE	MOUNTING	LED SPEC	OUTPUT	DISTRIBUTION	SHIELDING	VOLTAGE	FINISH	OPTION 1	OPTION 2	
24 24" OD	S Rigid Surface*	LED LED	CCT	D Direct	WOL White Opal Lens	120V	WH White	EC Emergency Circuit	90 CRI 90 CRI	
			27 2700k temp							I Indirect
			30 3000k temp							5050 50% Direct/Indirect
			35 3500k temp							
			40 4000k temp							
			50 5000k temp							
			65 6500k temp							
36 36" OD	SC Straight Cable*				277V	SV Silver	DIMMING OPTIONS (CHOOSE 1)			
							D10V 0-10V dimming 1% power class	DLA2 Lutron Hi-lume 1% 2-wire LED driver (120V forward phase only)		
							DLEH5 Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On, Fade-to-Black	DALI Digitally Addressable Lighting Interface		
48 48" OD	CC Conical Cable*				UNV Universal	BK Black	DIM			
							Dimming: Please specify dimming manufacturer/model (if required)			
							CONTROLS OPTIONS (CHOOSE 1)			
	TG T-Grid Ceiling*				Provide custom color RAL#:	LVP Lutron - Vive power pak	C110 Casambi (1x 010v)r			
	SH Single Stem*			C210 Casambi (2x 010v)		CRGBW Casambi (RGBW)				
	HM Multiple Stem** 18"-24" Qty. 3 36"-48" Qty. 4  *Direct light only **Spec. distance from ceiling									

- 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 grippers 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 Power cord not required for G2 mounting option



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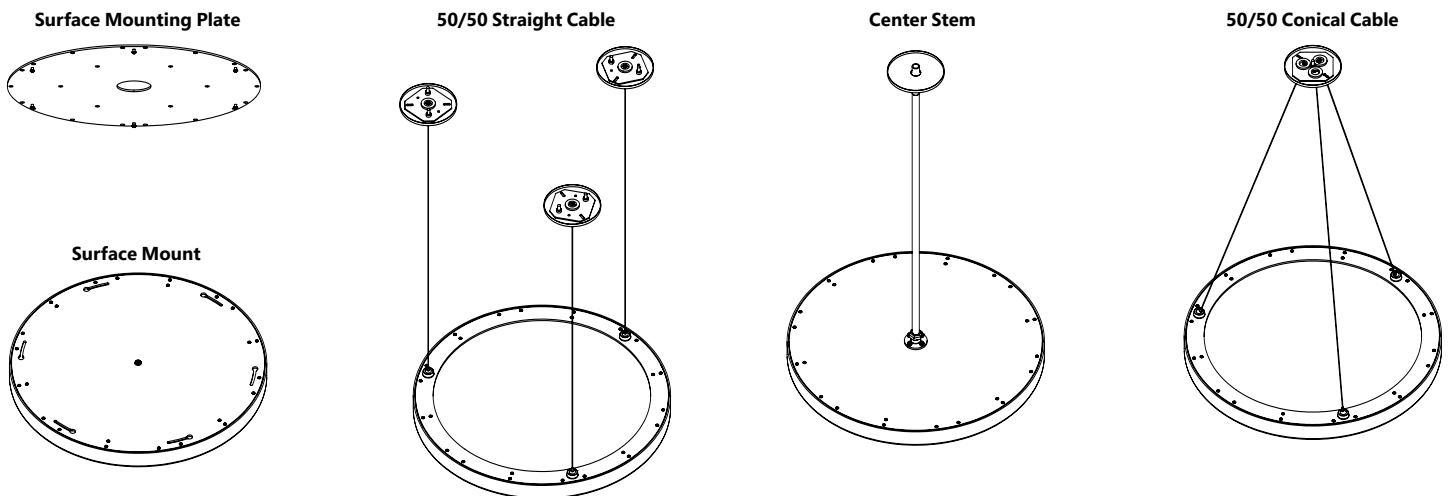
## CONTROLS & SENSORS

Ordering Code	Description
LVP	Lutron - Vive power pak
C110	Casambi (1x 010v)
C210	Casambi (2x 010v)
CRGBW	Casambi (RGBW)

## DIMMING OPTIONS

Ordering Code	Description
D10V	0-10V Dimming, 1% power class
DLA2	Lutron Hi-lume 1% 2-1ire 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
DALI	Digitally Addressable Lighting Interface
DIM	Custom Dimming. Please specify dimming manufacturer/model

## OVERVIEW DRAWINGS



## LUMENS PER FIXTURE

RING	STANDARD OUTPUT	HIGH OUTPUT
24	1250 lm 16w	3750 lm 57 w
36	2500 lm 25w	7500 lm 91 w
48	3200 lm 33w	9600 lm 120 w

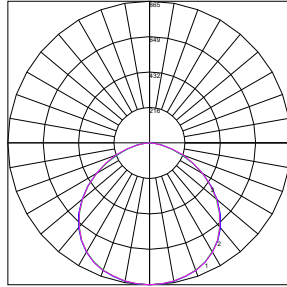


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## Photometrics

**Logic/Config**  
**36" RING**

2500 Lumens  
RNG-36-S-LED-40-D-WOL-  
UNV-WH-D10V



Maximum Candela = 864.88 Located At Horizontal Angle = 0, Vertical Angle = 5  
 # 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	320.57	12.80
0-30	689.85	27.60
0-40	1141.68	45.70
0-60	2016.81	80.70
0-80	2460.18	98.40
0-90	2500.33	100.00

ZONE	LUMENS	% OF FIXTURE
10-90	2418.18	96.70
20-40	821.11	32.80
20-50	1287.42	51.50
40-70	1167.14	46.70
60-80	443.37	17.70
70-80	151.36	6.10
80-90	40.15	1.60
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	2500.33	100.00



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## CONSTRUCTION

<b>Housing:</b>	1/8" thick spun formed aluminum housing
<b>Lens:</b>	White opal lenses
<b>Optical Assembly:</b>	Advanced edgelit lightguide design
<b>Paint:</b>	Black, White, Silver, Custom Color
<b>Size:</b>	24", 36", 48"

## OPTICAL SYSTEM

<b>Lumens:</b>	1250-9601 lm/ft
<b>Distribution:</b>	Direct (D), Indirect (I), 50% Direct/Indirect (5050)
<b>Efficacy:</b>	Up to 120 LPW
<b>CCT:</b>	2700k, 3000K, 3500K, 4000K, 5000K, 6500K
<b>CRI (Min):</b>	TriGain® 90CRI
<b>R9 (Min):</b>	65
<b>Color Consistency:</b>	2SDCM

## ELECTRICAL

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

## CONTROLS

<b>Dimming:</b>	0-10V 1% power class; Lutron Hi-lume 1% 2-wire LED driver; Lutron Hi-lume 1% EcoSystem LED driver with soft-On Fade-to-Black; Lutron 5-Series EcoSystem LED driver; Digitally Addressable Lighting Interface; Custom Dimming
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## LUMEN MAINTENANCE

- L70>50K Hours

## MOUNTING

- S - Rigid Surface
- SC - Straight Cable
- CC - Conical Cable
- TG - T-Grid Ceiling
- HS - Single Stem
- HM - Multiple Stem

## 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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