

# 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.

## 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							
	36 36" OD		SC Straight Cable*	30 3000k temp	5050 50% Direct/Indirect	UNV Universal	277V	SV Silver	DIMMING OPTIONS (CHOOSE 1)		
				35 3500k temp					D10V 0-10V dimming 1% power class	DLA2 Lutron Hi-lume 1% 2-wire LED driver (120V forward phase only)	
	48 48" OD		CC Conical Cable*	40 4000k temp	50 5000k temp		CC Custom Color	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 Dimming  Please specify dimming manufacturer/model (if required)
				65 6500k temp							
			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 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

Customer Name	Date
Project Name	
Catalog Number	

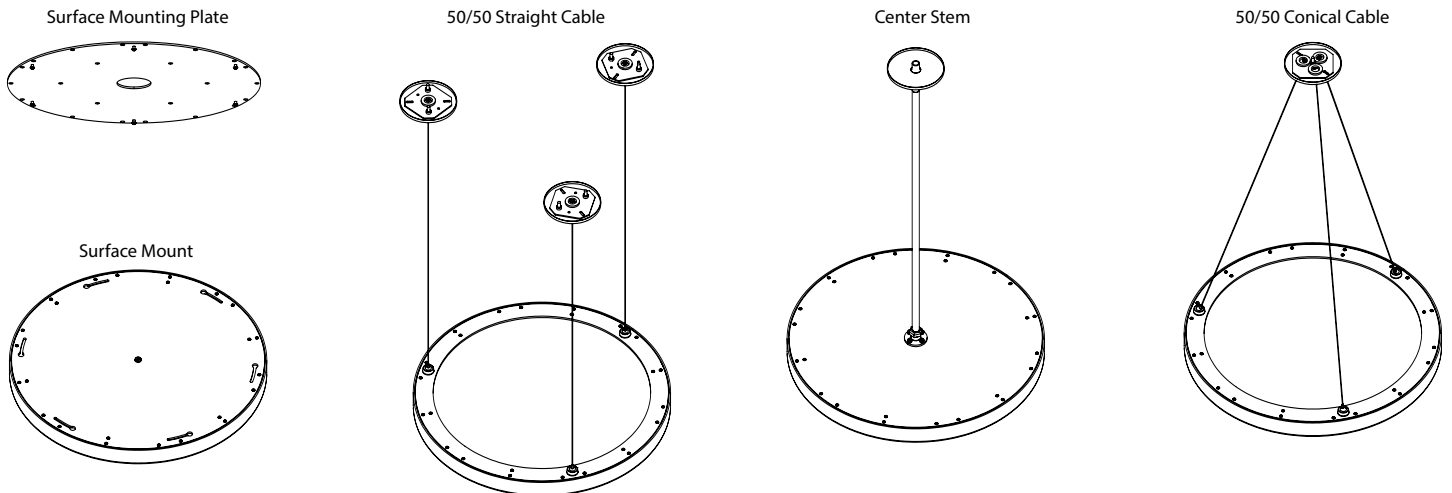
## CONTROLS & SENSORS

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
DLE55	Lutron 5-Series EcoSystem LED driver
DALI	Digitally Addressable Lighting Interface
DIM	Custom Dimming. Please specify dimming manufacturer/model

## OVERVIEW DRAWINGS



## LUMENS PER FIXTURE

DRUM	STANDARD OUTPUT	HIGH OUTPUT
24	1687 lm	3750 lm 57 w
36	3000 lm	7500 lm 91 w
48	6750 lm	9600 lm 120 w

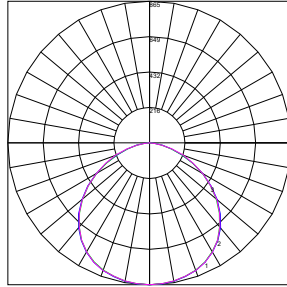


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## Photometrics

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

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

### OPTICAL SYSTEM

Lumens:	1250-9601 lm/ft
Distribution:	Direct (D), Indirect (I), 50% Direct/Indirect (5050)
Efficacy:	Up to 120 LPW
CCT:	2700k, 3000K, 3500K, 4000K, 5000K, 6500K
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% 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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