

Arc Series

3, 4 Recessed

The Arc series by Forum is a recessed line of extruded aluminum curvi-linear luminaires. Arc features standard aperture sizes of 2 and 3.5", with housing sizes of 2 15/16" and 4 1/2" wide. Multiple recessed configurations are available. Arc is available in Black, White, Silver, and custom colors and features a premium design, fit and finish.

Ordering

ARCR — F —

DISTRIBUTION	PROFILE	OUTPUT	SHIELDING	SHAPE	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3	
		Im/ft	CCT								
	33 2 15/16" width 3 3/4" height	65 650 lm/ft 6.1 input watts/ft*	27 2700k temp 93.5% Special order option	WOL White Opal Lens	REC Rectangle	2 2'	120V	WH White	F Fusing	EMLED LED battery pk	90 CRI 90 CRI
	34 4 1/2" width 3 3/4" height	95 950 lm/ft 8.9 input watts/ft*	30 3000k temp 95.2%	CIR Circle	3 3'	277V	SV Silver	SW Separate Switch	F Fusing	EC Emergency Circuit	
		35 3500k temp 96.8%		SQU Square	4 4'	UNV Universal	BK Black	DIMMING OPTIONS (CHOOSE 1)			
		40 4000k temp 100%		MS Misc. Shape	5 5'		CC Custom Color	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	
		50 5000k temp 103%		Individual units cannot be joined in field to create runs.	6 6'		Provide custom color RAL#:	DLE55 Lutron 5-Series EcoSystem LED driver	DALI Digitally Addressable Lighting Interface	DIM Dimming Please specify dimming manufacturer/model (if required)	
		LED Im/ft	CCT 460-1610 lm/ft		7 7'			CONTROLS OPTIONS (CHOOSE 1)			
					8 8'			OCC Wattstopper occupancy sensor	DPS Wattstopper daylight photo sensor	LVS Lutron Vive integrated fixture sensor (occ+daylight)	
					PTRN custom pattern*			LVR Lutron Vive integrated fixture sensor (radio only)	LVP Lutron - Vive power pak	ELM Enlighted micro sensor	
					Specify continuous run length:			LVR Lutron Vive integrated fixture sensor (radio only)	ELM Enlighted micro sensor	OES Osram SensiLUM	
					Standard run length in even foot increments.			OEC Osram Encelium CLM	OED Osram CLM DEXAL	C110 Casambi (1x 010v)	
					Units ordered as individual units cannot be joined in field to create runs.			C210 Casambi (2x 010v)	CRGBW Casambi (RGBW)		
					* 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
OCC	Wattstopper occupancy sensor
DPS	Wattstopper daylight photo sensor
LVS	Lutron Vive integrated fixture sensor (occ+daylight)
LVR	Lutron Vive integrated fixture sensor (radio only)
LVP	Lutron - Vive power pak
ELM	Enlighted micro sensor
OES	Osram SensiLUM
OEC	Osram Encelium CLM
OED	Osram CLM DEXAL
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)
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

LUMEN MULTIPLICATION TABLE

CCT	80 CRI
3000K	0.98
3500K	1
4000K	1.03

Drawings

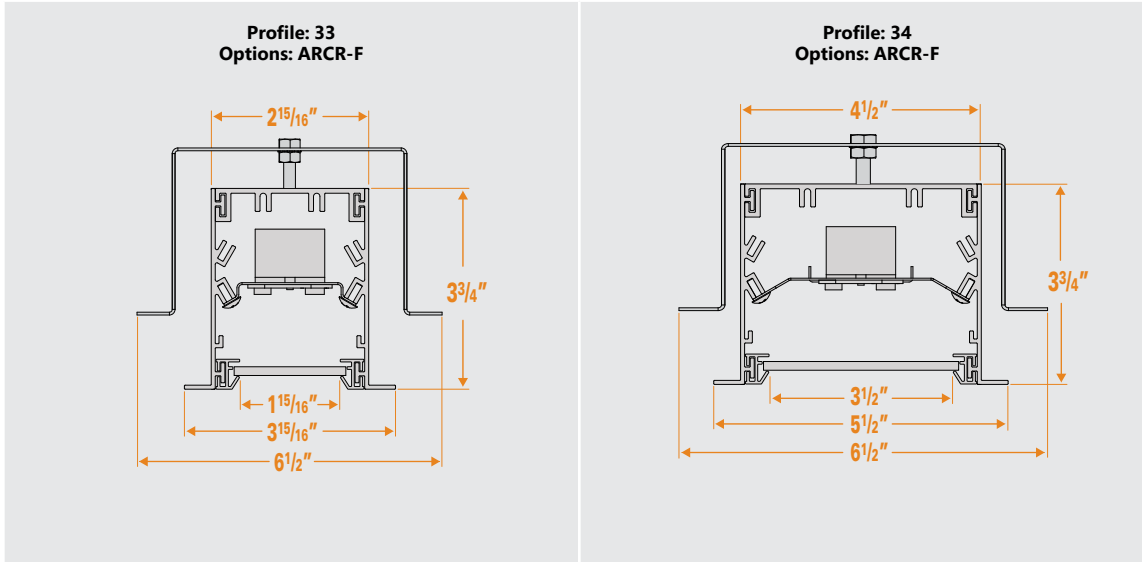
ARCR3

3"W

ARCR4

4"W

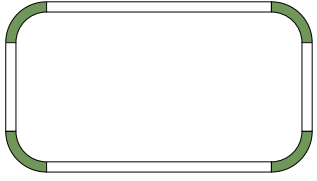
3"H



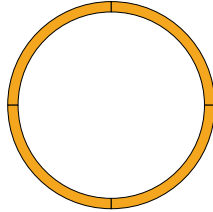
¹ Consult factory for asymmetric configuration

Pattern Radius Offerings

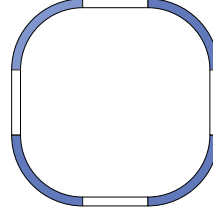
Rectangle



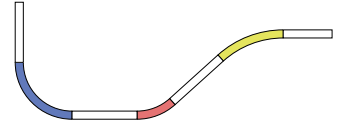
Circle



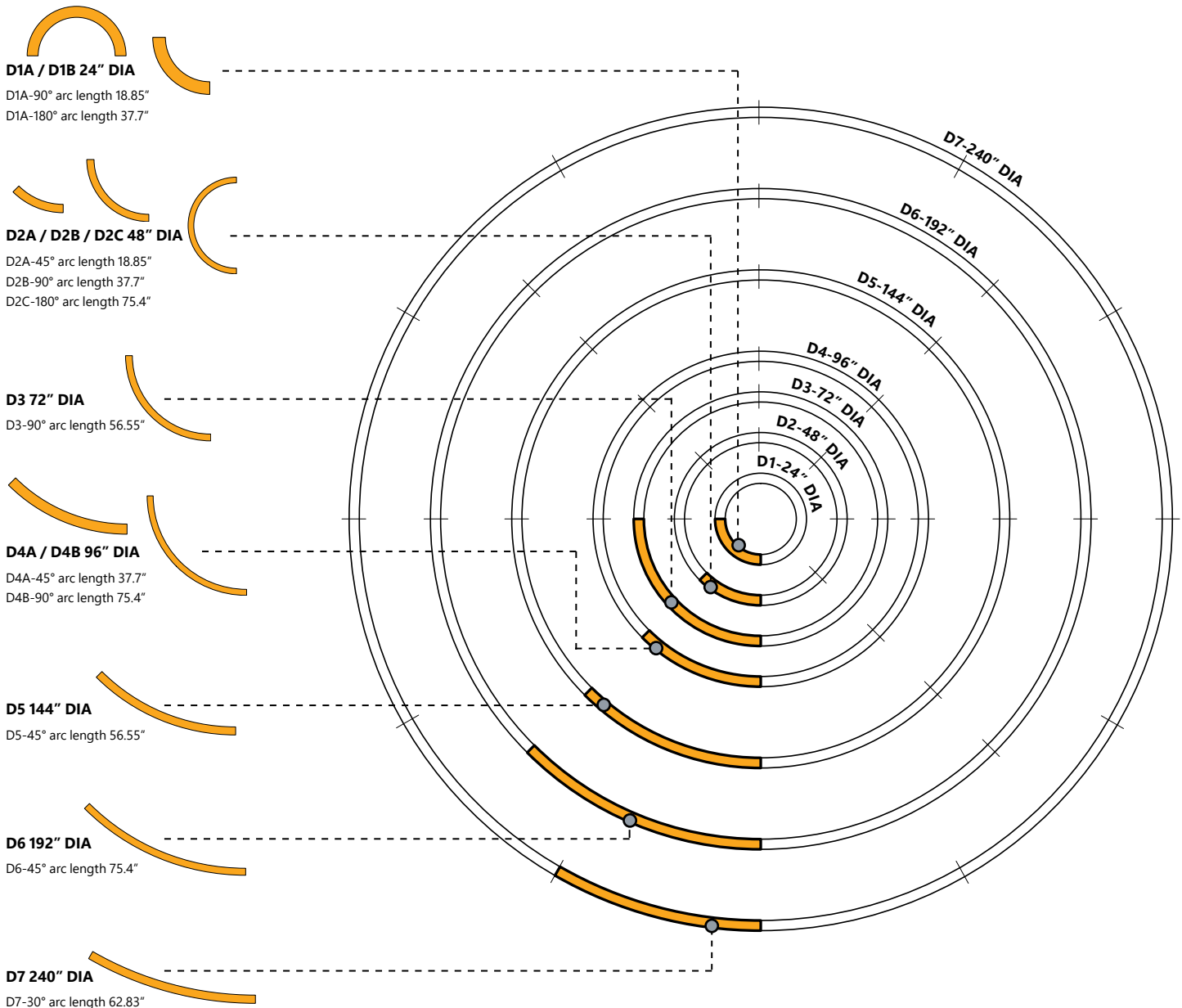
Square



Misc. Shape

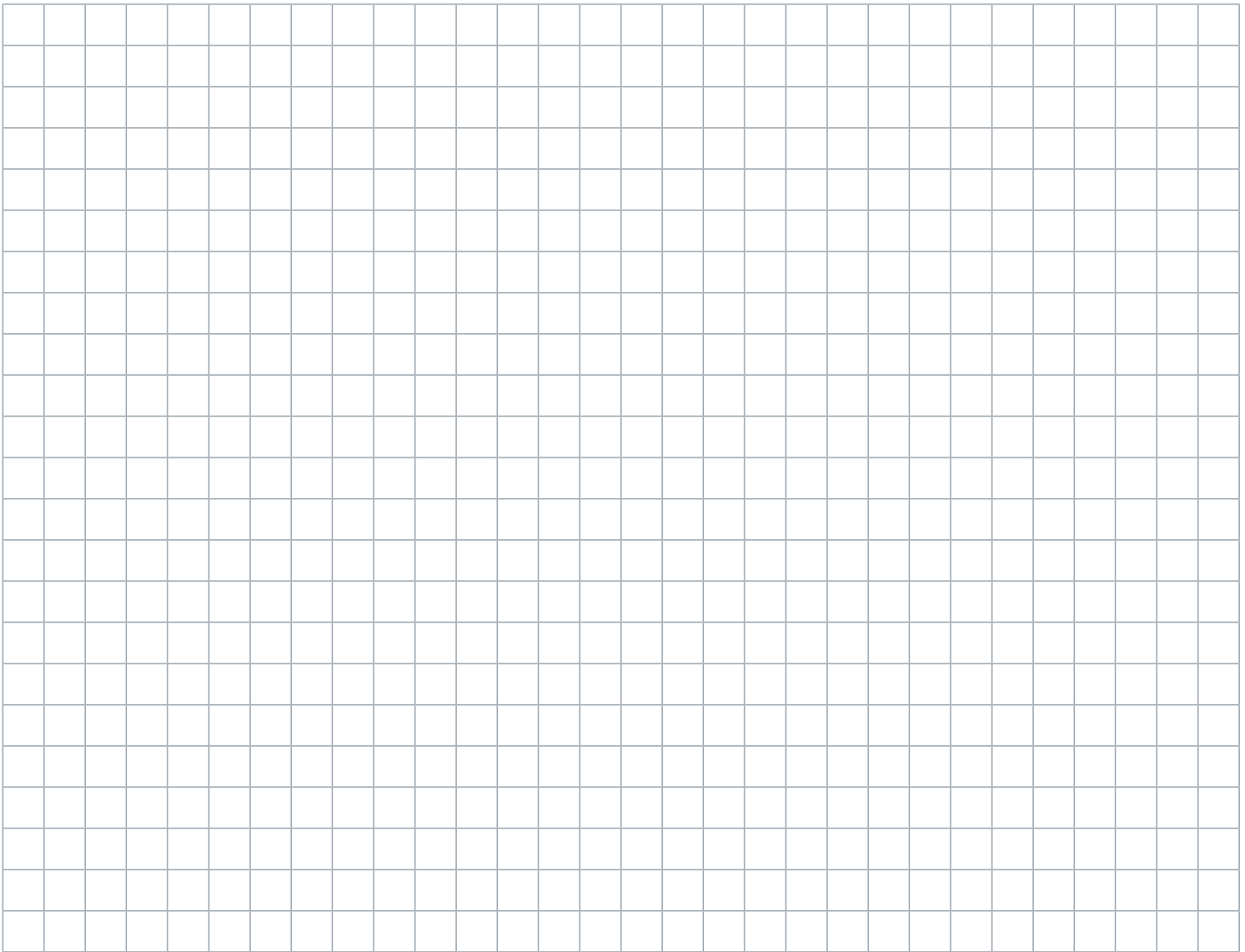


*All arc lengths and diameters measure along the centerline of the fixture



Customer Name	Date
Project Name	
Catalog Number	

Pattern Radius Worksheet



FIXTURE SECTION QUANTITIES			
SPECIFY ARC NOTATION	QTY	SPECIFY STRAIGHT LENGTH	QTY
D2B	4	12'	2
		6'	2

* Example



Arc Series

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Customer Name	Date
Project Name	
Catalog Number	

CONSTRUCTION

Housing:	Extruded aluminum, machined endcaps
Lens:	White opal lenses
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:	460-1610 lm/ft
Efficacy:	Up to 97 LPW
Wattage:	6.1 - 8.9 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
Thermal Protection:	Type IC Inherently Protected
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%-H 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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OPERATING TEMPERATURE

Product ID	Operating Temperature
All STD (Non-EM) Options	-30-25C (-22-77F)
2in (w/Battery)	10-25C (50-77F)
3/4/6in (w/Battery)	0-25C (32-77F)

LUMEN MAINTENANCE

- L70>50K Hours

MOUNTING

- Recessed

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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