FORUM

Arc Series
3, 4

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 mounting configurations are available including various suspended types. Arc is available in Black, White, Sliver, and custom colors and features a premium design, fit and finish.

Ordering

		ARCUD			Indirect	Direct								
		ARCU		ARCD										
–		**LED**	/	**LED**	–	/	–	–	–	–	–	–	–	–
		lm/ft CCT		lm/ft CCT										

DISTRIBUTION	PROFILE	OUTPUT		SHIELDING	MOUNTING	SHAPE	LENGTH	VOLTAGE	FINISH	OPT. 1	OPT. 2	OPT. 3
ARCD Direct	**33** 2 15/16"width 3 3/4" height	**lm/ft**	**CCT**	**WOL** White Opal Lens	**H** Stem Mount *	**REC** Rectangle	Specify fixture total linear feet	**120V**	**WH** White	**SF** Seam-Free End	**EMLED** LED battery pk	
ARCU Indirect	**43** 2 15/16"width 4 3/4" height	**65** 650 lm/ft 6.1 input watts/ft*	**27** 2700k temp **93.5%** Special order option	**CFA** Clear Frosted Acrylic*	**C** Cable Mount *	**CIR** Circle	*See worksheet	**277V**	**SV** Silver	**90 CRI** 90 CRI	**SW** Separate Switch	
ARCUD Direct/Indirect*	**63** 2 15/16"width 6 3/4" height	**95** 950 lm/ft 8.9 input watts/ft*	**30** 3000k temp **95.2%**	* Available for indirect lenses only	**S** Surface Mount†	**SQU** Square		**UNV** Universal	**BK** Black	**F** Fusing	**EC** Emergency Circuit	
* Not available on 32 profile.	**34** 4 1/2"width 3 3/4" height	* Assumes 4000k w/ satin lens	**35** 3500k temp **96.8%**		* Spec. cable / stem length:	**MS** Misc. Shape			**CC** Custom Color Provide custom color RAL#:	DIMMING OPTIONS (CHOOSE 1)		
	44 4 1/2"width 4 3/4" height	**Lumen Multiplier = % of 4000K**	**40** 4000k temp **100%**			Individual units cannot be joined in field to create runs.				**D10V** 0-10V dimming 1% power class	**DLA2** Lutron Hi-lume 1% 2-wire LED driver (120V forward phase only)	
	64 4 1/2"width 6 3/4" height	Consult factory for limitations	**50** 5000k temp **103%**		† Available in ARCD (Direct) ONLY.					**DLEH5** Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On, Fade-to-Black	**DLE55** Lutron 5-Series EcoSystem LED driver	
		Custom Output								**DALI** Digitally Addressable Lighting Interface	**DIM** Dimming Please specify dimming manufacturer/model (if required)	
		LED lm/ft CCT 460-1610 lm/ft								CONTROLS OPTIONS (CHOOSE 1)		
										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)	**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)	

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

MOUNTING

3/16" cable

C
Cable Mount

5/8" stem
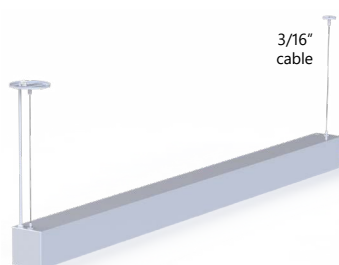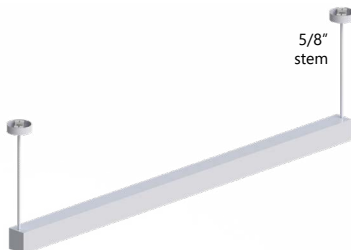
H
Stem Mount

S
Surface Mount
(available in
ARCD only)

Drawings

ARC3
3"W

ARC4
4"W

3"H

Profile: 33
Options: ARCD, ARCU
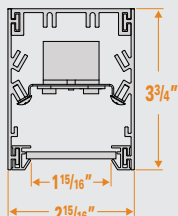
Profile: 34
Options: ARCD, ARCU

4"H
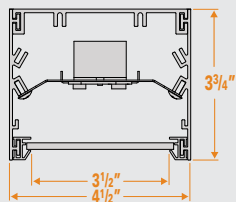
Profile: 43
Options: ARCD, ARCU, ARCUD
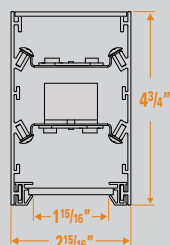
Profile: 44
Options: ARCD, ARCU, ARCUD

6"H
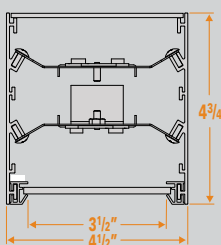
Profile: 63
Options: ARCD, ARCU, ARCUD
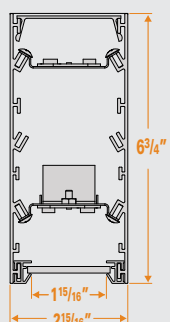
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Options: ARCD, ARCU, ARCUD
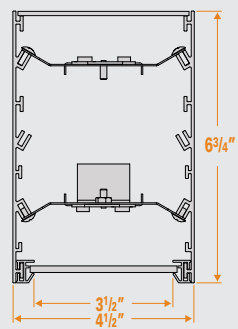
KEY	
ARCD - DIRECT	ARCUD - DIRECT/INDIRECT
ARCU - INDIRECT	

† Consult factory for asymmetric configuration

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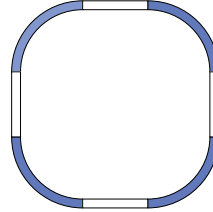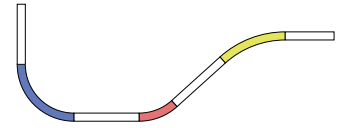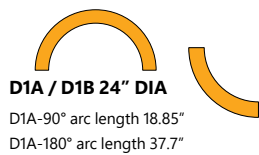## Pattern Radius Offerings

Rectangle
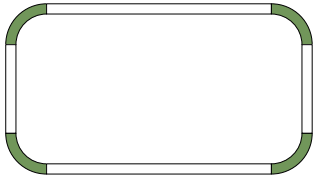
Circle
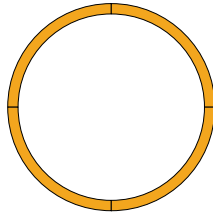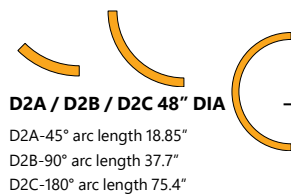
Square

Misc. Shape

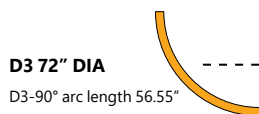*All arc lengths and diameters measure along the centerline of the fixture

D1A / D1B 24" DIA
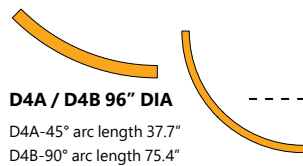
D1A-90° arc length 18.85"
D1A-180° arc length 37.7"

D2A / D2B / D2C 48" DIA

D2A-45° arc length 18.85"
D2B-90° arc length 37.7"
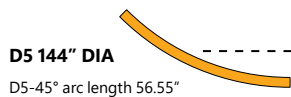D2C-180° arc length 75.4"

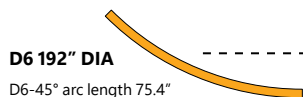**D3 72" DIA**

D3-90° arc length 56.55"

D4A / D4B 96" DIA

D4A-45° arc length 37.7"
D4B-90° arc length 75.4"

D5 144" DIA

D5-45° arc length 56.55"

D6 192" DIA

D6-45° arc length 75.4"
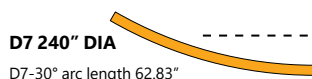
D7 240" DIA

D7-30° arc length 62.83"

D7-240" DIA
D6-192" DIA
D5-144" DIA
D4-96" DIA
D3-72" DIA
D2-48" DIA
D1-24" DIA

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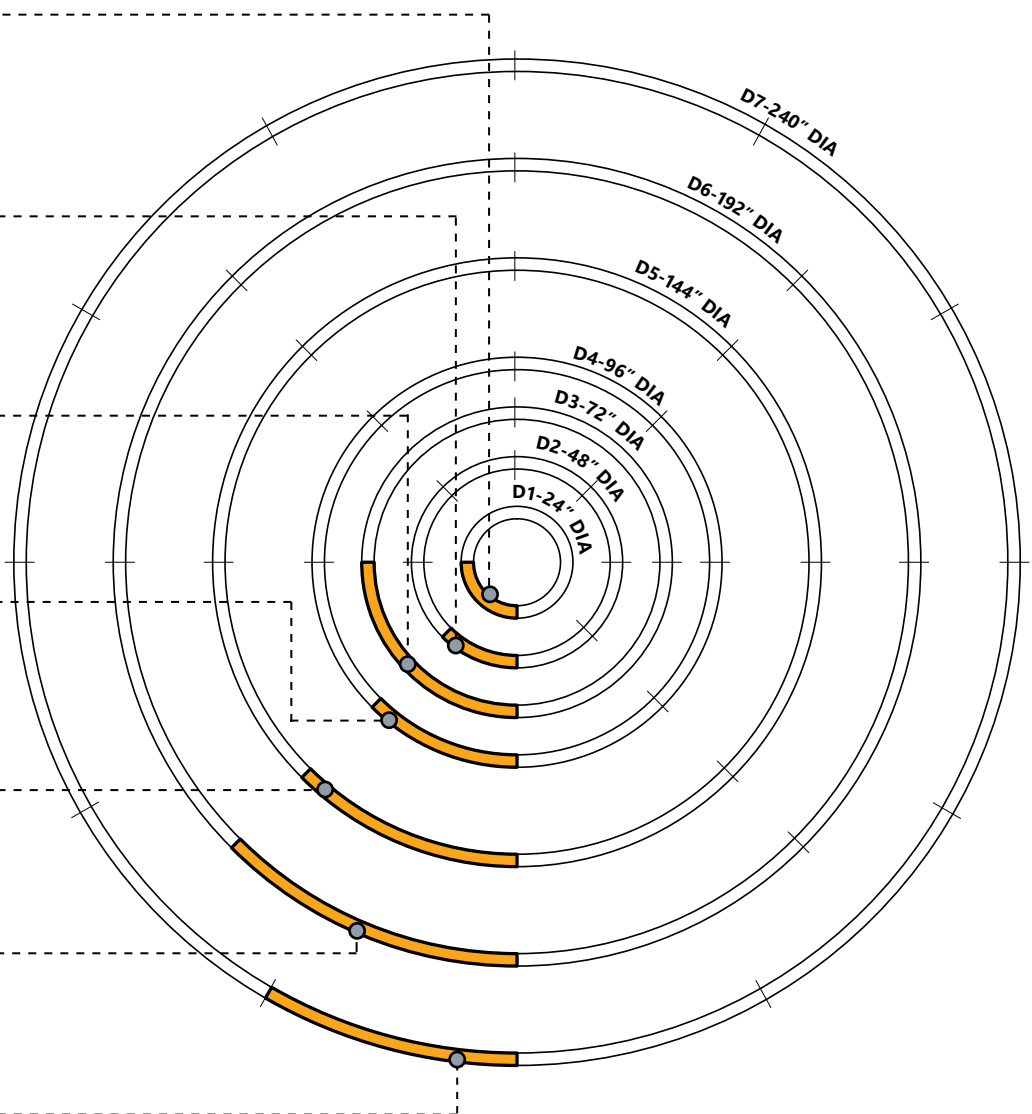
Arc Series
3, 4

Customer Name		Date	
Project Name			
Catalog Number			

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Pattern Radius Worksheet

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

* Example

FOR_arc_spec_IND724_R01

CONSTRUCTION

Housing:	Extruded aluminum, machined endcaps
Lens:	White opal, and clear frosted acrylic 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
Distribution:	Direct (ARCD), Indirect (ARCU), and Direct/Indirect (ARCUD)
Efficacy:	Up to 170 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
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

OPERATING TEMPERATURE

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

LUMEN MAINTENANCE

• L70>50K Hours

MOUNTING

• C - Cable Mount
• H - Stem Mount
• S - Surface Mount

DESIGN LIFE & WARRANTY

Warranty:
• LED boards - 5 years
• LED drivers (standard) - 5 years

DAMP RATED

TAA COMPLIANT

Intertek

For Product or Technical Questions: E: INFO@FORUMLIGHTING.COM
T: +1 412 781 5970