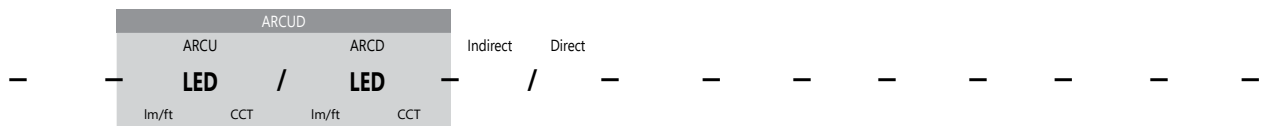


Arc Series

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, Silver, and custom colors and features a premium design, fit and finish. Current's patented TriGain® phosphor delivers 90 CRI color quality at 80 CRI efficacy.

Ordering



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	65 650 lm/ft 6.1 input watts/ft*	27 2700k temp 93.5% Special order option	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	95 950 lm/ft 8.9 input watts/ft*	30 3000k temp 95.2%	CFA Clear Frosted Acrylic*	C Cable Mount *	CIR Circle	*See worksheet	277V	SV Silver	90 CRI 90 CRI	SW Separate Switch	
ARCU Direct/Indirect*	63 2 15/16" width 6 3/4" height	34 4 1/2" width 3 3/4" height	35 3500k temp 96.8%	* Available for indirect lenses only	S Surface Mount*	SQU Square		UNV Universal	BK Black	F Fusing	EC Emergency Circuit	
	64 4 1/2" width 6 3/4" height	44 4 1/2" width 4 3/4" height	40 4000k temp 100%		* Spec. cable / stem length:	MS Misc. Shape	Individual units cannot be joined in field to create runs.		CC Custom Color Provide custom color RAL#:	DIMMING OPTIONS (CHOOSE 1)		
		44 4 1/2" width 4 3/4" height	50 5000k temp 103%		† Available in ARCD (Direct) ONLY.					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	
										DIM Dimming: Please specify dimming manufacturer/model (if required)		
										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 Encellum 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 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

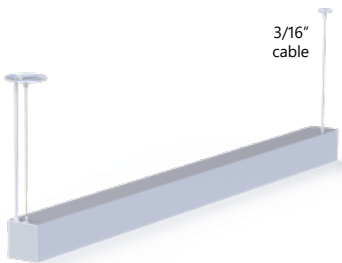
CONTROLS & SENSORS

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)

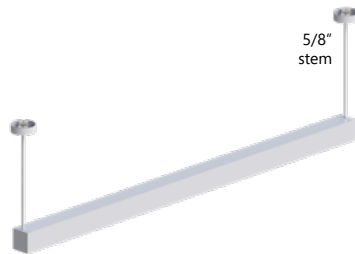
DIMMING OPTIONS

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
DALI	Digitally Addressable Lighting Interface
DIM	Custom Dimming. Please specify dimming manufacturer/model

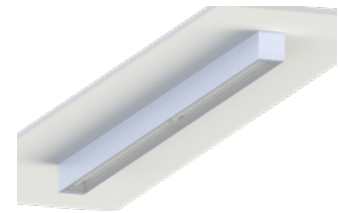
MOUNTING



C
Cable Mount



H
Stem Mount



S
Surface Mount
(available in
ARCD only)

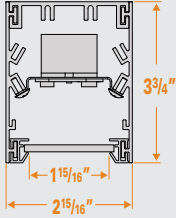
Drawings

ARC3

3"W

Profile: 33
Options: ARCD, ARCU

3"H

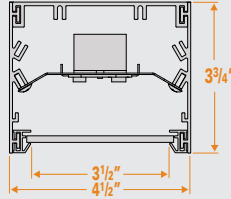


ARC4

4"W

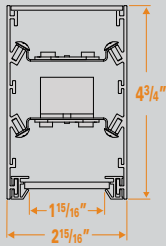
Profile: 34
Options: ARCD, ARCU

3 3/4"H



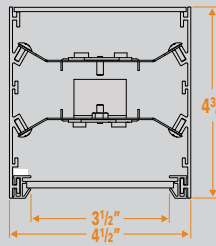
Profile: 43
Options: ARCD, ARCU, ARCU

4"H



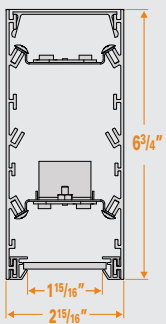
Profile: 44
Options: ARCD, ARCU, ARCU

4 3/4"H



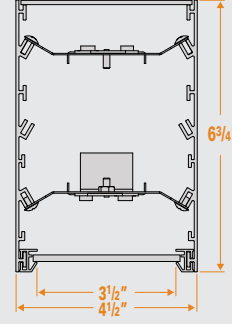
Profile: 63
Options: ARCD, ARCU, ARCU

6"H



Profile: 64
Options: ARCD, ARCU, ARCU

6 3/4"H



KEY

ARCD - DIRECT

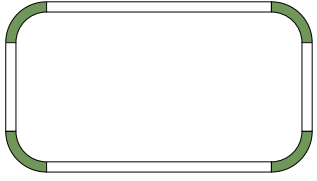
ARCU - DIRECT/INDIRECT

ARCU - INDIRECT

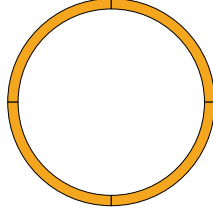
¹ Consult factory for asymmetric configuration

Pattern Radius Offerings

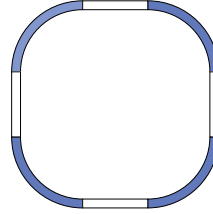
Rectangle



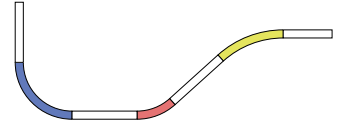
Circle



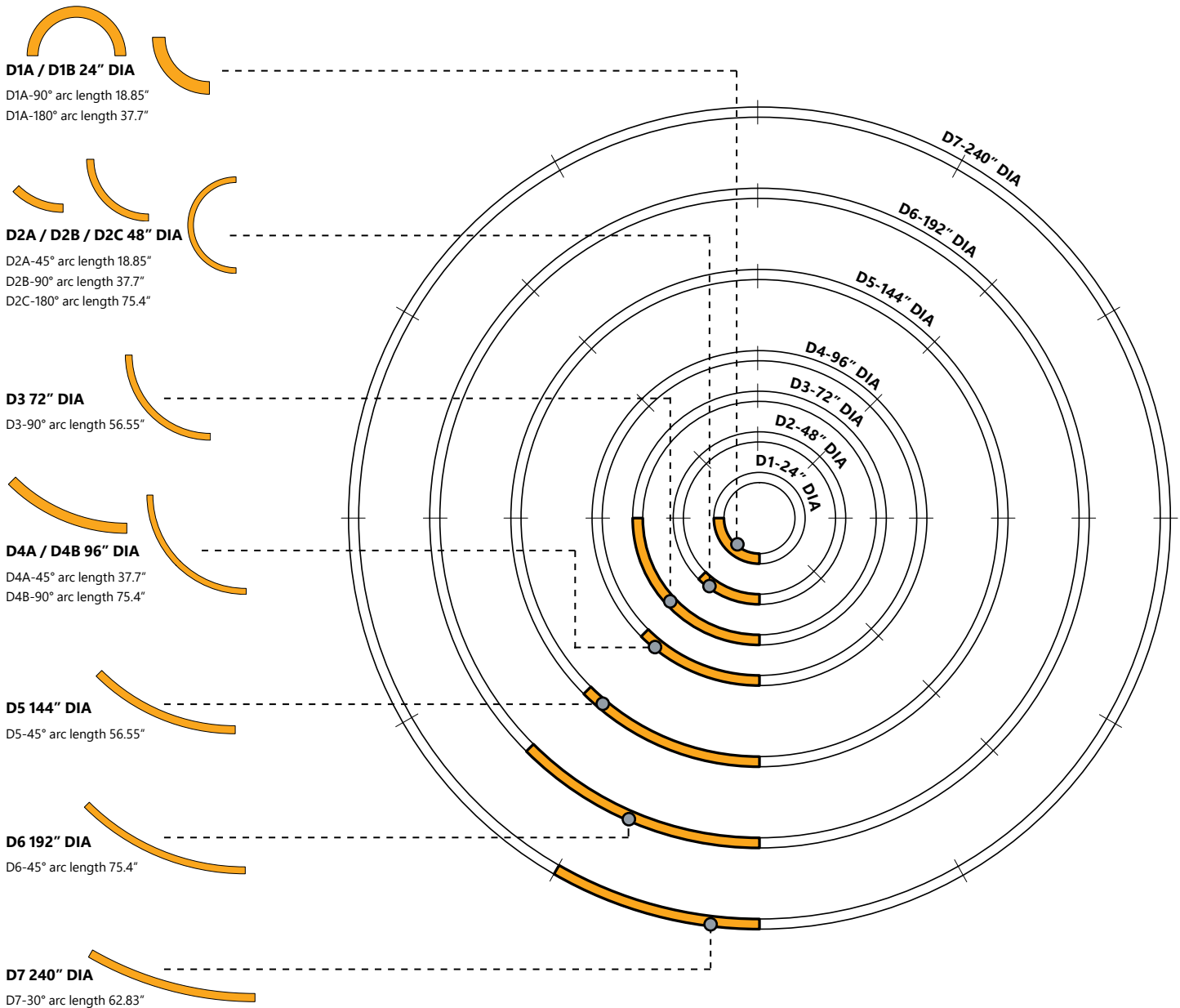
Square



Misc. Shape

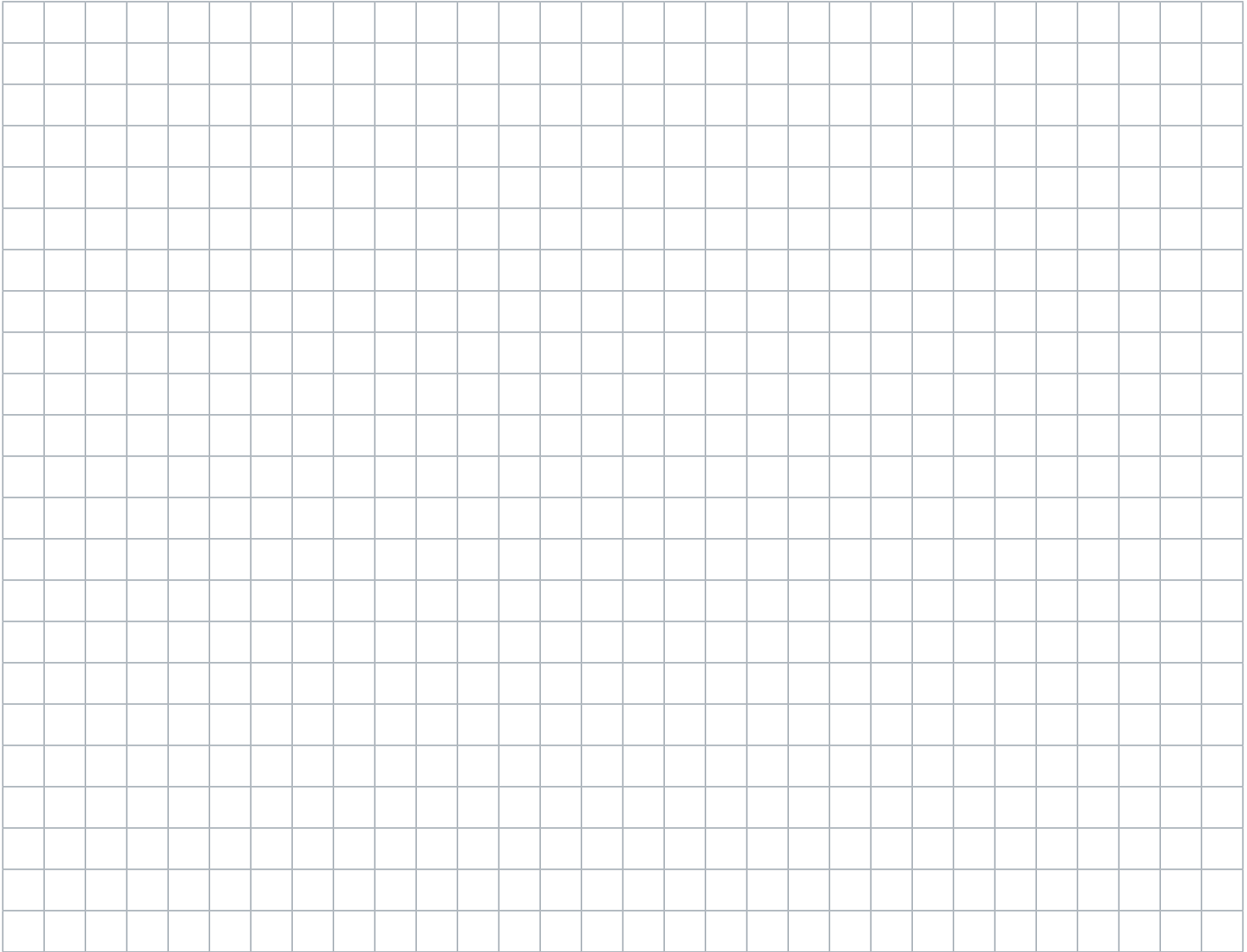


*All arc lengths and diameters measure along the centerline of the fixture



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

Performance Data Tables

The tables below shows the delivered lumens for the various lumen outputs. Use this chart in connection with the output multiplier capability to deliver any output required

3IN ARC

ARCD-X3: 3in PWS - DIRECT ONLY (3500K, WOL)

33	43	63	Distribution/Output	Lumens/Ft	W/Ft	Efficacy
			D035	350	4.5	78
			D040	400	5.1	78
			D045	450	5.8	78
			D050	500	6.4	78
			D055	550	7.2	76
			D060	600	7.9	76
			D065	650	8.7	75
			D070	700	9.5	74
			D075	750	10.3	73
			D080	800	11.2	71
			D085	850	12.1	70
			D090	900	13.0	69
			D095	950	14.0	68

ARCU-X3: 3in PWS - INDIRECT ONLY (3500K, CFA)

33	43	63	Distribution/Output	Lumens/Ft	W/Ft	Efficacy
			I040	400	3.3	121
			I045	450	3.7	122
			I050	500	4.1	122
			I055	550	4.5	122
			I060	600	4.9	122
			I065	650	5.3	123
			I070	700	5.7	123
			I075	750	6.1	123
			I080	800	6.5	123
			I085	850	7.0	121
			I090	900	7.4	122
			I095	950	7.9	120
			I100	1000	8.4	119
			I105	1050	8.9	118
			I110	1100	9.4	117
			I115	1150	9.9	116
			I120	1200	10.4	115
			I125	1250	10.9	115
			I130	1300	11.4	114
			I135	1350	12.0	113
			I140	1400	12.5	112
			I145	1450	13.1	111
			I150	1500	13.7	109

ARCUD-X3: 3in PWS - DIRECT / INDIRECT ONLY (3500K, WOL/CFA)

33	43	63	Distribution/Output	Lumens/Ft	W/Ft	Efficacy
			D035	350	4.5	78
			D040	400	5.1	78
			D045	450	5.8	78
			D050	500	6.4	78
			D055	550	7.2	76
			D060	600	7.9	76
			D065	650	8.7	75
			D070	700	9.5	74
			D075	750	10.3	73
			D080	800	11.2	71
			D085	850	12.1	70
			D090	900	13.0	69
			D095	950	14.0	68
			I040	400	3.3	121
			I045	450	3.7	122
			I050	500	4.1	122
			I055	550	4.5	122
			I060	600	4.9	122
			I065	650	5.3	123
			I070	700	5.7	123
			I075	750	6.1	123
			I080	800	6.5	123
			I085	850	7.0	121
			I090	900	7.4	122
			I095	950	7.9	120
			I100	1000	8.4	119
			I105	1050	8.9	118
			I110	1100	9.4	117
			I115	1150	9.9	116
			I120	1200	10.4	115
			I125	1250	10.9	115
			I130	1300	11.4	114
			I135	1350	12.0	113
			I140	1400	12.5	112
			I145	1450	13.1	111
			I150	1500	13.7	109

Performance Data Tables - (Continued)

The tables below shows the delivered lumens for the various lumen outputs. Use this chart in connection with the output multiplier capability to deliver any output required

4IN ARC

ARCD-X4: 4in PWS - DIRECT ONLY (3500K, WOL)

34	44	64	Distribution/Output	Lumens/Ft	W/Ft	Efficacy
			D035	350	3.8	93
			D040	400	4.3	94
			D045	450	4.8	93
			D050	500	5.3	94
			D055	550	6.0	92
			D060	600	6.5	92
			D065	650	7.2	91
			D070	700	7.8	90
			D075	750	8.4	89
			D080	800	9.1	88
			D085	850	9.8	87
			D090	900	10.5	86
			D095	950	11.3	84
			D100	1000	12.0	83
			D105	1050	12.8	82
			D110	1100	13.6	81
			D115	1150	14.4	80

ARCU-X4: 4in PWS - INDIRECT ONLY (3500K, CFA, WOL
TRANSMITTANCE ASSUME 0.86°CFA)

34	44	64	Distribution/Output	Lumens/Ft	W/Ft	Efficacy
			I045	450	3.2	141
			I050	500	3.5	142
			I055	550	3.9	142
			I060	600	4.2	142
			I065	650	4.6	142
			I070	700	4.9	142
			I075	750	5.3	143
			I080	800	5.6	142
			I085	850	6.0	141
			I090	900	6.4	141
			I095	950	6.8	139
			I100	1000	7.3	138
			I105	1050	7.7	137
			I110	1100	8.1	136
			I115	1150	8.5	135
			I120	1200	9.0	134
			I125	1250	9.4	133
			I130	1300	9.8	132
			I135	1350	10.3	130
			I140	1400	10.8	130
			I145	1450	11.3	129
			I150	1500	11.8	127

AQUD-X2: 2in PWS - DIRECT / INDIRECT ONLY (3500K, SAT/CFA)

34	44	64	Distribution/Output	Lumens/Ft	W/Ft	Efficacy
			D035	350	3.8	93
			D040	400	4.3	94
			D045	450	4.8	93
			D050	500	5.3	94
			D055	550	6.0	92
			D060	600	6.5	92
			D065	650	7.2	91
			D070	700	7.8	90
			D075	750	8.4	89
			D080	800	9.1	88
			D085	850	9.8	87
			D090	900	10.5	86
			D095	950	11.3	84
			D100	1000	12.0	83
			D105	1050	12.8	82
			D110	1100	13.6	81
			D115	1150	14.4	80
			I045	450	3.2	141
			I050	500	3.5	142
			I055	550	3.9	142
			I060	600	4.2	142
			I065	650	4.6	142
			I070	700	4.9	142
			I075	750	5.3	143
			I080	800	5.6	142
			I085	850	6.0	141
			I090	900	6.4	141
			I095	950	6.8	139
			I100	1000	7.3	138
			I105	1050	7.7	137
			I110	1100	8.1	136
			I115	1150	8.5	135
			I120	1200	9.0	134
			I125	1250	9.4	133
			I130	1300	9.8	132
			I135	1350	10.3	130
			I140	1400	10.8	130
			I145	1450	11.3	129
			I150	1500	11.8	127

OUTPUT MULTIPLIER TABLE

Photometrics and outputs published on this spec sheet are based on nominal 3500K temperature. This table may be used to approximate the lumen values at different Kelvin temperatures. Power consumption would stay the same.

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



Arc Series

3, 4

Customer Name	Date
Project Name	
Catalog Number	

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):	TriGain® 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
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OPERATING TEMPERATURE

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

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
 - LED drivers (Lutron) - 3 years



For Product or Technical Questions:

E: INFO@FORUMLIGHTING.COM
T: +1 412 781 5970