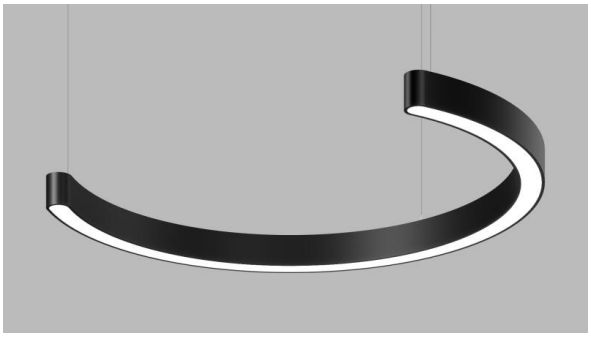
LUMI-ARC™

FULL SPECIFICATION SHEET



FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

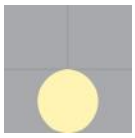
The luminous arc takes shape through graceful curvature, creating a sweeping band of light that defines space with sculptural elegance. Designed to merge architectural presence with refined illumination, **LUMI-ARC** transforms environments whether it serves as a dramatic focal point or complements existing design elements. The curved diffused lens provides uniform brightness along its elegant span, ensuring consistent illumination that follows the fixture's form. Available in multiple diameters, arc degrees, and customizable configurations, **LUMI-ARC** adapts to diverse spatial requirements, offering scalable solutions for upscale restaurants, hotel lobbies, corporate offices, boutique spaces, and more. Its presence moves beyond functional lighting to become an architectural feature that shapes the atmosphere and the experience.

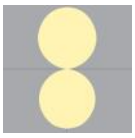
2 OPTICS & FEATURES


Suspended Direct


Suspended Direct/Indirect


Surface Direct


Direct


Direct-Indirect



Declare



PoE

3 APPROVALS



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4 GENERAL SPECIFICATION

BODY
Aluminum.

FINISH
Powder coated.

SUSPENSION
Steel cables. Recommended minimum mounting heights: 1ft (305mm).

LENS
Opal polycarbonate.

REMOTE EMERGENCYSYSTEM (E2)
Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The remote system includes the inverter module, NiCad batteries and a remote wall/ceiling LED charge indicator and test switch. Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied). Refer to the Emergency option notes below for wattage, configuration and regional details.

DRIVERS
Remote, HPF electronic drivers for 120-277V (EU-240V) dimming. Wire size 18 AWG - max distance (from fixture to drivers) 40' (12.2m), wire size 16 AWG - max distance 60' (18.3m), wire size 14 AWG - max distance 90' (27.4m). Drivers must be accessible after installation. Drivers are either remote mounted or integral to the canopy. For longer remote distances, consult factory.

POE
Lumi-Arc can integrate into your data network via Power over Ethernet (PoE) connectivity.

MECHANICAL
Luminaires mount directly over J box (by others - North America only).

L70 @25°C
> 60,000 hrs.

DELIVERED LUMENS
Delivered lumens & LPW based on 4000K (min 90 CRI).

APPROVALS
Damp Rated.

DESIGN
US Design Patent Pending.

SEISMIC BRACING
Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

SUSTAINABILITY
Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

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5 DESIGN OPTIONS

FIXTURE FINISH

White

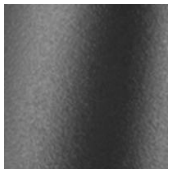

Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic


Red Metallic - Textured

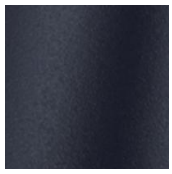
CANOPY FINISH

White

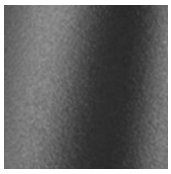

Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic


Red Metallic - Textured

6 HOW TO ORDER

LUMINAIRE TYPE

LMRP Pendant
LMRC Surface

DIAMETER

SL02 2ft
SL03 3ft
SL04 4ft
SL05 5ft
SL06 6ft
SL07 7ft

Max Lumens with Direct-Indirect and AD300.

ARC DEGREE

AD120 120° [1]
AD240 240°
AD300 300° [2]

[1] If ceiling luminaire type is required with a 2' (SL02) diameter, the drivers will be in a remote box. Consult factory.
[2] The angle is 300° for 2' and 3' diameters, 320° for 4' and 5' diameters, and 330° for 6' and 7' diameters.

DIRECTION

DT1 Direct
DT2 Direct/Indirect

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LUMENS (DIRECT)

LUA025 25% of standard output
LUA050 50% of standard output
LUA075 75% of standard output
LUA100 100% of standard output

LUMENS (INDIRECT)

LUB000 Not required
LUB025 25% of standard output
LUB050 50% of standard output
LUB075 75% of standard output
LUB100 100% of standard output

CRI

CR90 CRI 90+

CCT

CTA27 2700K
CTA30 3000K
CTA35 3500K
CTA40 4000K

VOLTAGE

V1 120/277V
V2 240V [1]
V3 347V [2]
V4 Low Voltage [3]

[1] Not available in North America. [2] Available with DA01 dimming only. [3] V4 available with DA45 dimming only.

DIMMING

DA01 0-10V Dimming 1.0%
DA20 DALI Dimming 0.1% [2]
DA21 DALI Dimming 1.0% [3]
DA45 PoE [1]

[1] Available with V4 only. [2] The drivers will be in a remote box. [3] Consult factory.

SUSPENSION

SS0 Not required [1]
SS1 Vertical, Integral driver [1]
SS3 Vertical, Remote driver

[1] SS0 is for ceiling luminaire type. For Dali dimming, the drivers will be in a remote box. [2] Only available with DA01. Not available with V3.

FIXTURE FINISH

FA01 White
FA02 Black Metallic - Textured
FA20 Silver Metallic - Textured
FA25 Gold Metallic - Textured
FA44 Midnight Blue Metallic - Textured
FA45 Copper Metallic
FA46 Charcoal Metallic - Textured
FA47 Bronze Metallic - Textured
FA52 Champagne Metallic
FA53 Red Metallic - Textured

CANOPY FINISH

CF01 White
CF02 Black Metallic - Textured
CF20 Silver Metallic - Textured
CF25 Gold Metallic - Textured
CF44 Midnight Blue Metallic - Textured
CF45 Copper Metallic
CF46 Charcoal Metallic - Textured
CF47 Bronze Metallic - Textured
CF52 Champagne Metallic
CF53 Red Metallic - Textured

EMERGENCY

E0 Not required
E2 Emergency system - Remote [2]

[1] One extra power cord will be supplied with remote emergency. Not available with V3.
[2] For North America, the minimum emergency system wattage is 7.5W. Refer to the fixture's lumens per watt to estimate emergency light output. The emergency system typically powers only a portion of the fixture, depending on the fixture configuration and number of drivers. Consult factory for emergency system configuration and illuminated section details.
For Europe, the emergency system wattage and configuration may vary. Consult factory for details.

CIRCUITS

CS1 Single circuit
CS2 Dual circuit

7 PERFORMANCE DATA

SL02-AD120-DT1	Lumens	Watts	LPW
LUA025	570	5	105
LUA050	1100	11	97
LUA075	1510	17	91
LUA100	2000	24	85

SL02-AD120-DT2	Lumens	Watts	LPW
LUB025	570	4	150
LUB050	1110	8	142
LUB075	1600	12	133
LUB100	2080	16	126

SL02-AD240-DT1	Lumens	Watts	LPW
LUA025	1140	11	105
LUA050	2190	23	97
LUA075	3030	33	91
LUA100	4000	47	85

SL02-AD240-DT2	Lumens	Watts	LPW
LUB025	1140	8	150
LUB050	2220	16	142
LUB075	3200	24	133
LUB100	4150	32	126

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SL02-AD300-DT1	Lumens	Watts	LPW	SL02-AD300-DT2	Lumens	Watts	LPW
LUA025	1420	14	105	LUB025	1420	9	150
LUA050	2740	28	97	LUB050	2780	20	142
LUA075	3790	42	91	LUB075	4000	30	133
LUA100	5000	59	85	LUB100	5200	41	126

SL03-AD120-DT1	Lumens	Watts	LPW	SL03-AD120-DT2	Lumens	Watts	LPW
LUA025	830	8	107	LUB025	830	5	152
LUA050	1610	16	99	LUB050	1630	11	144
LUA075	2220	24	92	LUB075	2340	17	135
LUA100	2930	34	86	LUB100	3040	24	128

SL03-AD240-DT1	Lumens	Watts	LPW	SL03-AD240-DT2	Lumens	Watts	LPW
LUA025	1670	16	107	LUB025	1670	11	152
LUA050	3210	33	99	LUB050	3250	23	144
LUA075	4440	48	92	LUB075	4690	35	135
LUA100	5870	68	86	LUB100	6090	48	128

SL03-AD300-DT1	Lumens	Watts	LPW	SL03-AD300-DT2	Lumens	Watts	LPW
LUA025	2090	20	107	LUB025	2090	14	152
LUA050	4020	41	99	LUB050	4070	28	144
LUA075	5550	60	92	LUB075	5860	43	135
LUA100	7330	85	86	LUB100	7610	60	128

SL04-AD120-DT1	Lumens	Watts	LPW	SL04-AD120-DT2	Lumens	Watts	LPW
LUA025	1090	10	106	LUB025	1090	7	151
LUA050	2100	21	98	LUB050	2120	15	142
LUA075	2900	32	91	LUB075	3060	23	134
LUA100	3830	45	85	LUB100	3970	31	127

SL04-AD240-DT1	Lumens	Watts	LPW	SL04-AD240-DT2	Lumens	Watts	LPW
LUA025	2180	21	106	LUB025	2180	14	151
LUA050	4190	43	98	LUB050	4250	30	142
LUA075	5790	63	91	LUB075	6120	46	134
LUA100	7650	90	85	LUB100	7940	63	127

SL04-AD300-DT1	Lumens	Watts	LPW	SL04-AD300-DT2	Lumens	Watts	LPW
LUA025	2900	27	106	LUB025	2900	19	151
LUA050	5580	57	98	LUB050	5650	40	142
LUA075	7700	84	91	LUB075	8140	61	134
LUA100	10180	119	85	LUB100	10560	83	127

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SL05-AD120-DT1	Lumens	Watts	LPW	SL05-AD120-DT2	Lumens	Watts	LPW
LUA025	1360	13	105	LUB025	1360	9	151
LUA050	2610	27	98	LUB050	2650	19	142
LUA075	3610	40	91	LUB075	3810	29	133
LUA100	4770	56	85	LUB100	4950	39	126

SL05-AD240-DT1	Lumens	Watts	LPW	SL05-AD240-DT2	Lumens	Watts	LPW
LUA025	2720	26	105	LUB025	2720	18	151
LUA050	5230	54	98	LUB050	5300	37	142
LUA075	7220	79	91	LUB075	7630	57	133
LUA100	9550	112	85	LUB100	9900	78	126

SL05-AD300-DT1	Lumens	Watts	LPW	SL05-AD300-DT2	Lumens	Watts	LPW
LUA025	3610	34	105	LUB025	3610	24	151
LUA050	6950	71	98	LUB050	7040	50	142
LUA075	9610	105	91	LUB075	10140	76	133
LUA100	12700	149	85	LUB100	13170	104	126

SL06-AD120-DT1	Lumens	Watts	LPW	SL06-AD120-DT2	Lumens	Watts	LPW
LUA025	1620	15	106	LUB025	1620	11	152
LUA050	3120	32	98	LUB050	3150	22	143
LUA075	4300	47	92	LUB075	4540	34	134
LUA100	5690	66	86	LUB100	5900	46	127

SL06-AD240-DT1	Lumens	Watts	LPW	SL06-AD240-DT2	Lumens	Watts	LPW
LUA025	3240	30	106	LUB025	3240	21	148
LUA050	6230	63	98	LUB050	6310	44	137
LUA075	8610	94	92	LUB075	9090	68	128
LUA100	11370	132	86	LUB100	11800	94	119

SL06-AD300-DT1	Lumens	Watts	LPW	SL06-AD300-DT2	Lumens	Watts	LPW
LUA025	4450	42	106	LUB025	4450	29	152
LUA050	8570	87	98	LUB050	8680	60	143
LUA075	11830	129	92	LUB075	12490	93	134
LUA100	15640	182	86	LUB100	16220	127	127

SL07-AD120-DT1	Lumens	Watts	LPW	SL07-AD120-DT2	Lumens	Watts	LPW
LUA025	1890	18	105	LUB025	1890	13	150
LUA050	3630	37	97	LUB050	3680	26	142
LUA075	5020	55	91	LUB075	5300	40	133
LUA100	6630	78	85	LUB100	6880	54	126

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SL07-AD240-DT1	Lumens	Watts	LPW
LUA025	3770	36	105
LUA050	7260	75	97
LUA075	10030	110	91
LUA100	13260	156	85

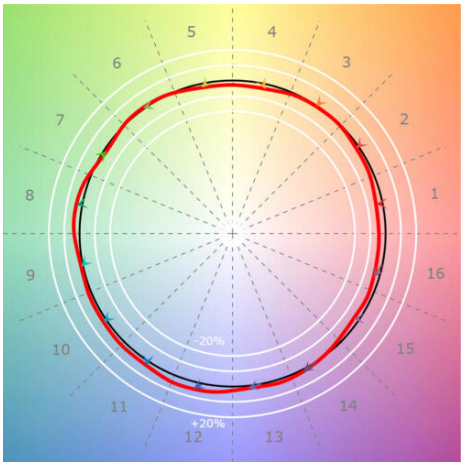
SL07-AD240-DT2	Lumens	Watts	LPW
LUB025	3770	25	150
LUB050	7350	52	142
LUB075	10590	80	133
LUB100	13750	109	126

SL07-AD300-DT1	Lumens	Watts	LPW
LUA025	5190	49	105
LUA050	9990	102	97
LUA075	13790	152	91
LUA100	18230	214	85

SL07-AD300-DT2	Lumens	Watts	LPW
LUB025	5190	34	151
LUB050	10110	71	142
LUB075	14570	109	133
LUB100	18910	150	126

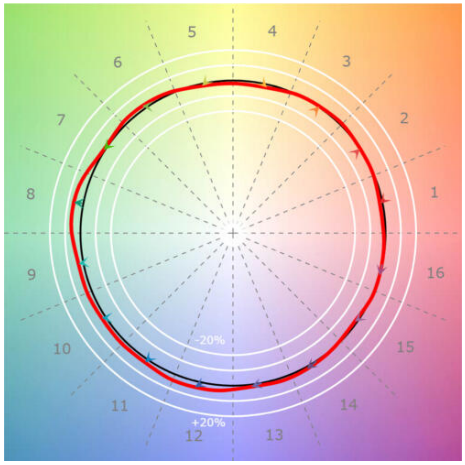
8 TM-30 DATA

CCT 2700K



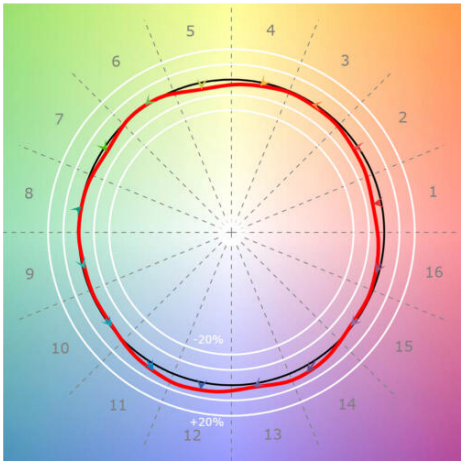
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



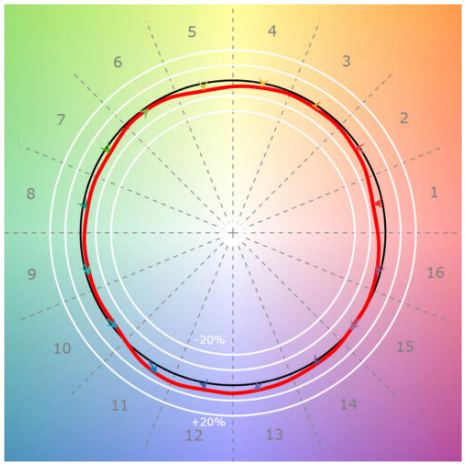
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



CRI(Ra)	94
CRI(R9)	53
TM30(Rf)	91
TM30(Rg)	98
Duv	0.0009

CCT 4000K

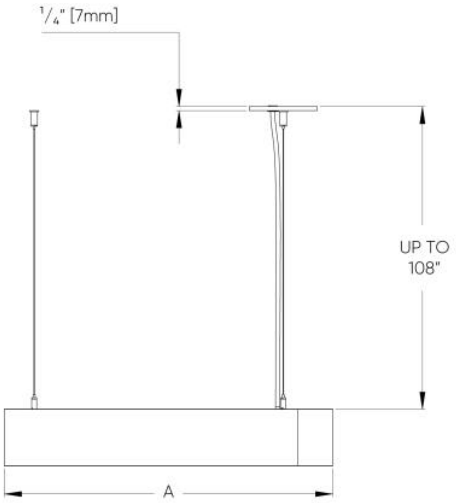


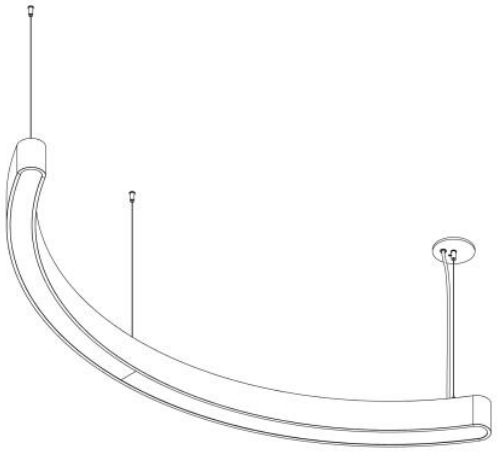
CRI(Ra)	92
CRI(R9)	50
TM30(Rf)	89
TM30(Rg)	97
Duv	0.0011

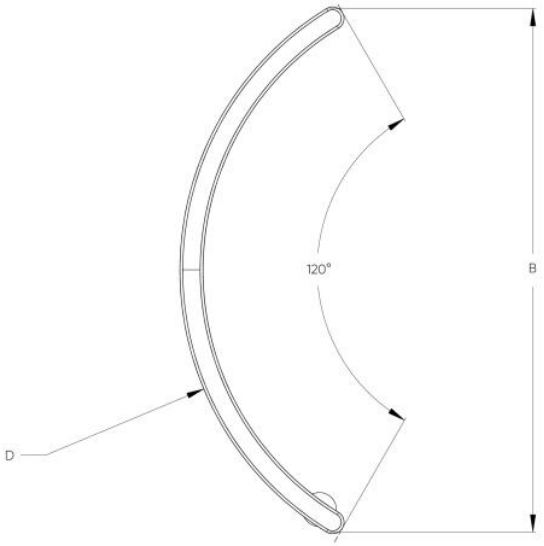
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9 DIMENSIONAL DIAGRAMS

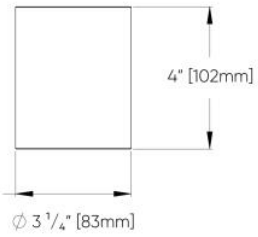
120-Deg Direct/Indirect







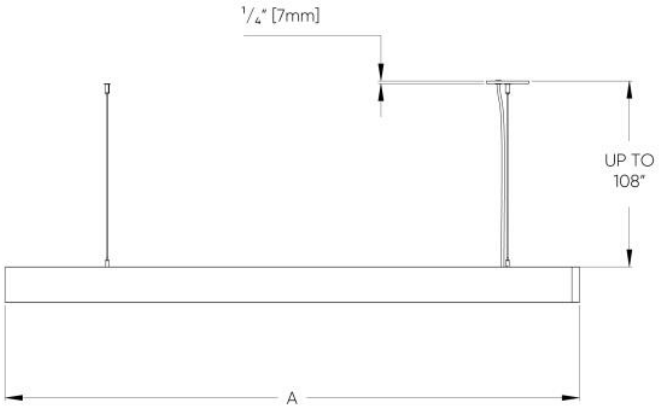
PROFILE DIMENSIONS

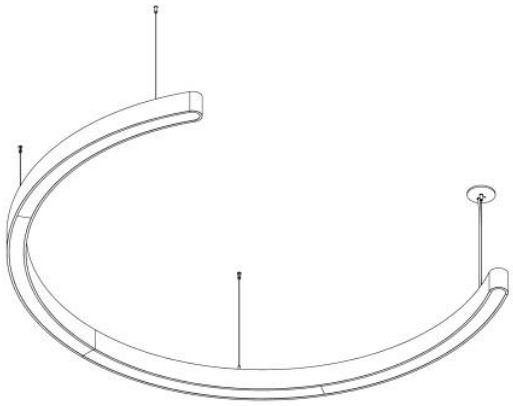


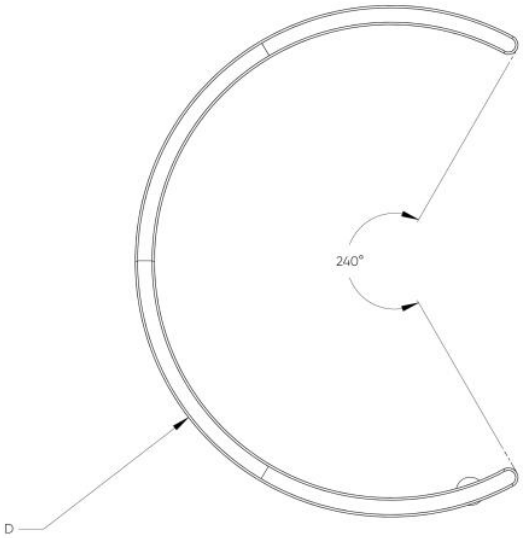
LUMINAIRE DIMENSIONS				
Nominal Size	D (Actual Diameter)	A (Depth)	B (Width)	No. of Suspensions
2FT	27" [686mm]	8 1/8" [207mm]	22 3/8" [569mm]	3
3FT	38 1/4" [972mm]	10 1/2" [266mm]	31 5/8" [802mm]	3
4FT	50 1/4" [1277mm]	14" [355mm]	42 5/8" [1083mm]	3
5FT	62 1/4" [1581mm]	16 7/8" [430mm]	53" [1347mm]	3
6FT	74 1/4" [1886mm]	20 1/4" [513mm]	63 3/4" [1620mm]	3
7FT	86 1/4" [2191mm]	23 1/8" [588mm]	73 1/2" [1867mm]	3

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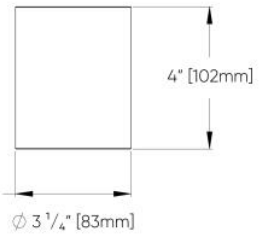
240-Deg Direct/Indirect







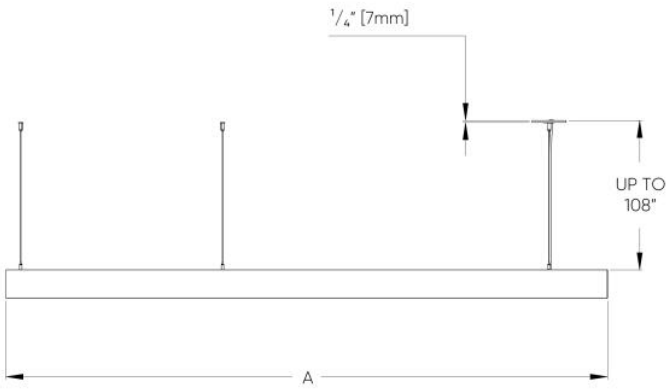
PROFILE DIMENSIONS

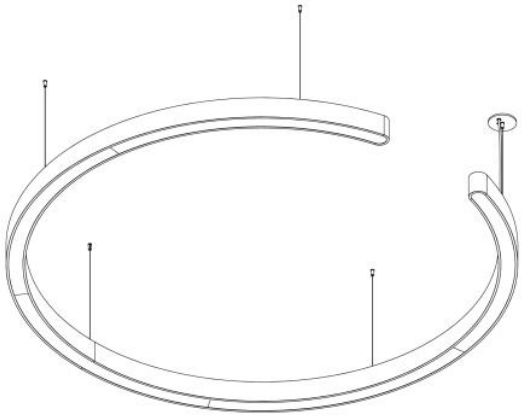


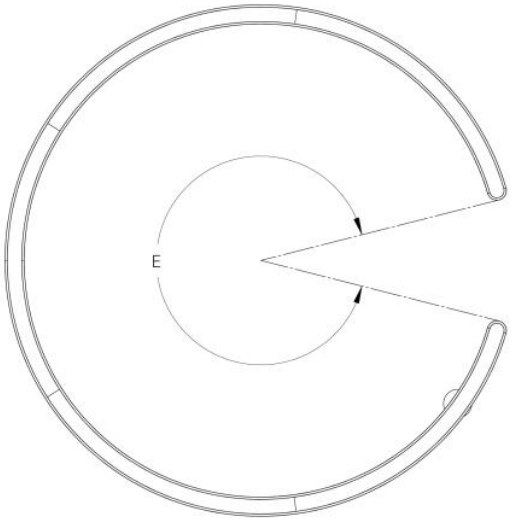
LUMINAIRE DIMENSIONS			
Nominal Size	D (Actual Diameter)	A (Depth)	No. of Suspensions
2FT	27" [686mm]	19 7/8" [505mm]	3
3FT	38 1/4" [972mm]	27 7/8" [708mm]	3
4FT	50 1/4" [1277mm]	37 3/8" [951mm]	3
5FT	62 1/4" [1581mm]	46 3/8" [1178mm]	3
6FT	74 1/4" [1886mm]	55 3/4" [1415mm]	3
7FT	86 1/4" [2191mm]	64 1/2" [1640mm]	4

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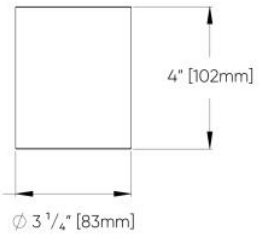
300-Deg Direct/Indirect







PROFILE DIMENSIONS



LUMINAIRE DIMENSIONS				
Nominal Size	D (Actual Diameter)	A (Depth)	E (Sector Angle)	No. of Suspensions
2FT	27" [686mm]	24 5/8" [626mm]	300°	3
3FT	38 1/4" [972mm]	34 7/8" [887mm]	300°	3
4FT	50 1/4" [1277mm]	48 3/8" [1229mm]	320°	3
5FT	62 1/4" [1581mm]	59 7/8" [1522mm]	320°	3
6FT	74 1/4" [1886mm]	72 3/4" [1849mm]	330°	5
7FT	86 1/4" [2191mm]	84 1/2" [2146mm]	330°	5

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