Volta Illuminated Aluminum Ring Pendant

structura

FIXTURE TYPE: _____

PROJECT NAME: _____



Aluminum exterior/interior LED round pendant.

FEATURES:

- Available in 4′ to 12′ diameters
- >90CRI smooth, dot free illumination
- Dimmable IP67 power supply and IP67 luminaire
- Catenary cable, ceiling, and wall mounting options

SPECIFICATIONS:

HOUSING: Seamless housing comprised of custom rectangular aluminum 6063-T1 extrusion.

ELECTRICAL: Powered by a standalone Q-Tran QZ, 120-277VAC primary/24VDC secondary outdoor rated remote dimmable power supply. Power supply features built-in short circuit protection, over load protection, and over temperature protection. System is forward phase, reverse phase, and 1-10V dimming. Consult factory for other driver options. Catenary mounted fixtures supplied with 1′ infeed cable. A 40′ leader cable supplied with infeed only fixtures. Ceiling canopy mounted fixtures supplied with 6′ infeed cable. Operating temperature of -4°F to 125°F SO, 115°F MO, and 108°F HO.

OPTICAL SYSTEM: Available in 2700K, 3000K, 3500K, 4000K color temperatures with smooth, dot free illumination.

FINISHES: All exterior aluminum parts are polyester powder coat painted to meet AAMA 2604 standards. See Structura's finish options for available colors. Care and Maintenance

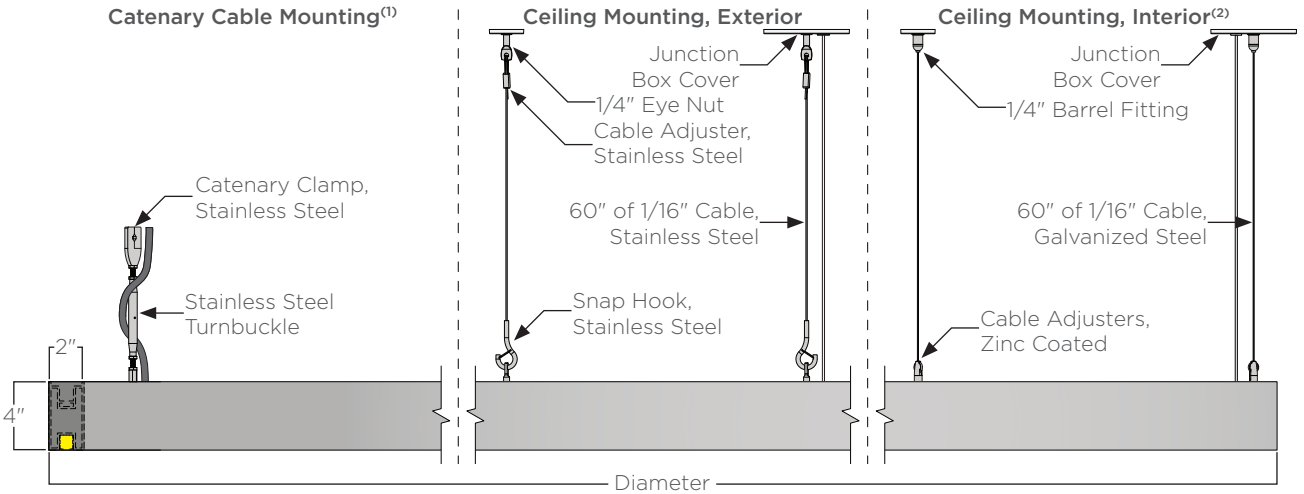
HARDWARE: All fasteners are stainless steel unless otherwise noted.

LISTINGS & RATINGS: Luminaire CSA listed according to CSA C22.2 No. 250.0-18/UL Standard 1598 and UL Standard 2108. Suitable for wet locations. LM-80 test calculated L70 > 40,000 hours. Luminaire not to be installed in chlorinated environment.

WARRANTY: A 2-year finish warranty with 3-year warranty on LED and driver.

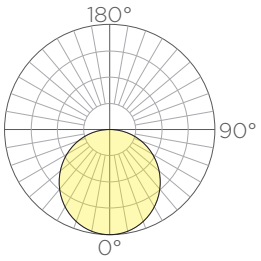
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Volta Ring - Direct Lighting



	Standard Output		Medium Output		High Output			
Dia.	Lumens(3)	Watts	Lumens(3)	Watts	Lumens(3)	Watts	Weight(4)	EPA(4)
4′	1299	18	2360	36	3301	60	32lbs.	3.18ft²
6′	1980	28	3597	55	5032	91	49lbs.	4.78ft²
8′	2671	37	4851	74	6787	123	64lbs.	6.40ft²
10′	3361	47	6105	93	8541	155	81lbs.	8.06ft²
12′	4033	56	7326	110	10249	185	97lbs.	9.65ft²

Candela - Direct



ORDERING GUIDE: EXAMPLE: VOLTA-RNG-D-6-L27MO-S4-CA-STD

Wet Location

VOLTA	RNG	D							STD
1	2	3	4	5	6	7	8	9	10

1	Series
VOLTA	Volta
2	**Type**
RNG	Ring
3	**Lighting**
D	Direct

4	Diameter(5)
4	4′
6	6′
8	8′
10	10′
12	12′
5	**CCT**
L27	2700K
L30	3000K
L35	3500K
L40	4000K

6	Output
SO	Standard Output
MO	Medium Output
HO	High Output
7	**Metal Finish**
C*	See color options on finishes technical sheet
CSM	Custom Color

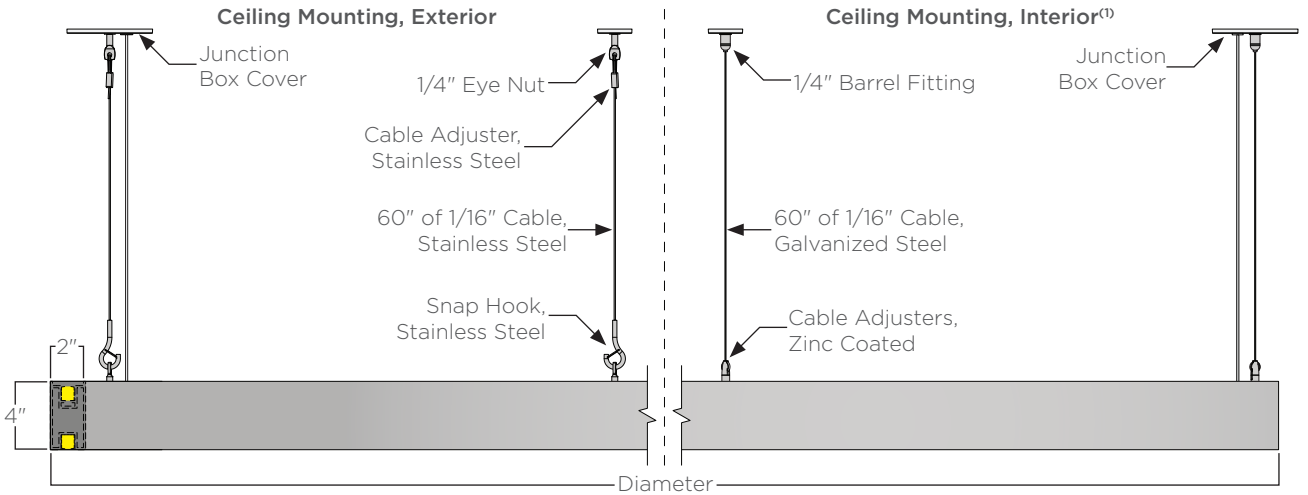
8	Mounting
CA	Catenary Cable(1)
CE/E	Ceiling Canopy, Exterior
CE/I	Ceiling Canopy, Interior(2)
9	**Options**
BABA	BABA
10	**Special**
STD	Standard

1. Catenary cable designed and provided separately.
2. Interior mounting must be in a location without affect from winds.
3. Lumen output based upon 3000K CCT.
4. Weight and EPA based off of catenary mounting option.
5. Rings 10′ diameter and larger will ship as multiple pieces that will need field assembly.

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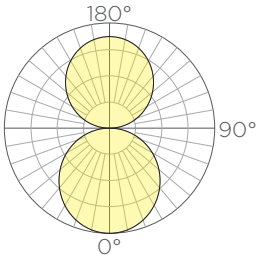
Volta Ring - Direct/Indirect Lighting

structura



	Standard Output		Medium Output		High Output			
Dia.	Lumens(2)	Watts	Lumens(2)	Watts	Lumens(2)	Watts	Weight	EPA
4′	2562	36	4653	71	6510	118	33lbs.	3.06ft²
6′	3924	54	7128	108	9972	180	50lbs.	4.66ft²
8′	5268	73	9570	145	13388	242	66lbs.	6.28ft²
10′	6649	92	12078	183	16897	305	83lbs.	7.88ft²
12′	7993	110	14520	220	20313	367	99lbs.	9.47ft²

Candela - Direct/Indirect



ORDERING GUIDE: EXAMPLE: VOLTA-RNG-D/I-4-L30HO-C4-CE-STD

Wet Location Under Canopy

C US

VOLTA	RNG	D/I							STD
1	2	3	4	5	6	7	8	9	10

1 — Series
- VOLTA: Volta

2 — Type
- RNG: Ring

3 — Lighting
- D/I: Direct/Indirect(3)

4 — Diameter(4)
- 4: 4′
- 6: 6′
- 8: 8′
- 10: 10′
- 12: 12′

5 — CCT
- L27: 2700K
- L30: 3000K
- L35: 3500K
- L40: 4000K

6 — Output
- SO: Standard Output
- MO: Medium Output
- HO: High Output

7 — Metal Finish
- C*: See color options on finishes technical sheet
- CSM: Custom Color

8 — Mounting
- CE/E: Ceiling Canopy, Exterior
- CE/I: Ceiling Canopy, Interior(1)

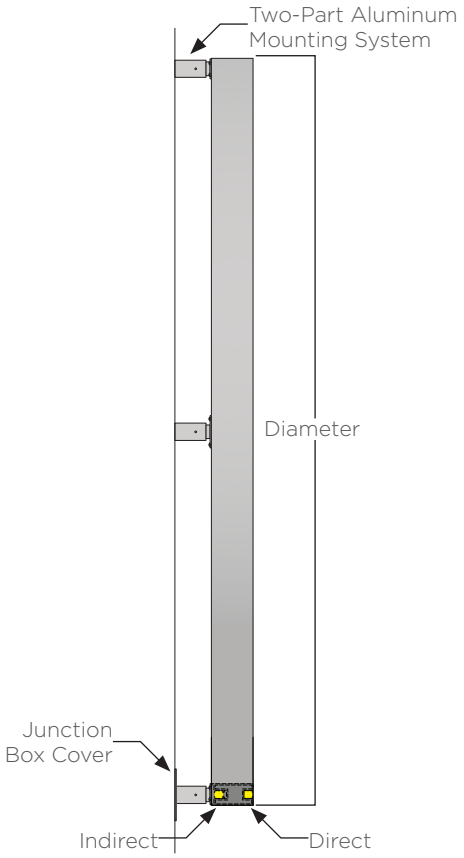
9 — Options
- BABA: BABA

10 — Special
- STD: Standard

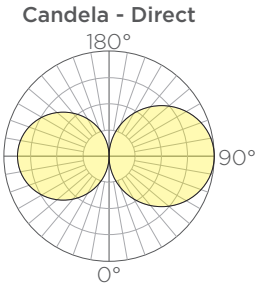
1. Interior mounting must be in a location without affect from winds.
2. Lumen output based upon 3000K CCT.
3. Direct/indirect illumination controlled together. Contact Structura for independant control options.
4. Rings 10' diameter and larger will ship as multiple pieces that will need field assembly.

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Volta Ring - Wall Mounting



	Standard Output		Medium Output		High Output		
Dia.	Watts D	Watts D/I	Watts D	Watts D/I	Watts D	Watts D/I	Weight
4′	18	36	36	71	60	118	33lbs.
6′	28	54	55	108	91	180	50lbs.



ORDERING GUIDE: EXAMPLE: VOLTA-RNG-I-6-L30SO-C3-WA4/C1-STD

Wet Location

VOLTA	RNG						/			STD
1	2	3	4	5	6	7	8	9	10	11

1 Series
- VOLTA — Volta

2 Type
- RNG — Ring

3 Lighting
- D — Direct
- I — Indirect
- D/I — Direct/ Indirect[1]

4 Diameter
- 4 — 4′
- 6 — 6′

5 CCT
- L27 — 2700K
- L30 — 3000K
- L35 — 3500K
- L40 — 4000K

6 Output
- SO — Standard Output
- MO — Medium Output
- HO — High Output

7 Metal Finish
- C* — See color options on finishes technical sheet
- CSM — Custom Color

8 Mounting
- WA4 — 4″ Wall Mount
- WA8 — 8″ Wall Mount

9 Mounting Finish
- C* — See color options on finishes technical sheet
- CSM — Custom Color

10 Options
- BABA — BABA

11 Special
- STD — Standard

1. Direct/indirect illumination controlled together. Contact Structura for independant control options.

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