Volta Illuminated Aluminum Square and Rectangle Pendant

FIXTURE TYPE: _____

PROJECT NAME: _____



Aluminum exterior/interior LED rectangular pendant.

FEATURES:

- Available in a wide variety of sizes
- >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.

OPTICAL SYSTEM: Available in 2700K, 3000K, 3500K, 4000K color temperatures with smooth, dot free illumination. Operating temperature of -4°F to 125°F SO, 115°F MO, and 108°F HO.

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.

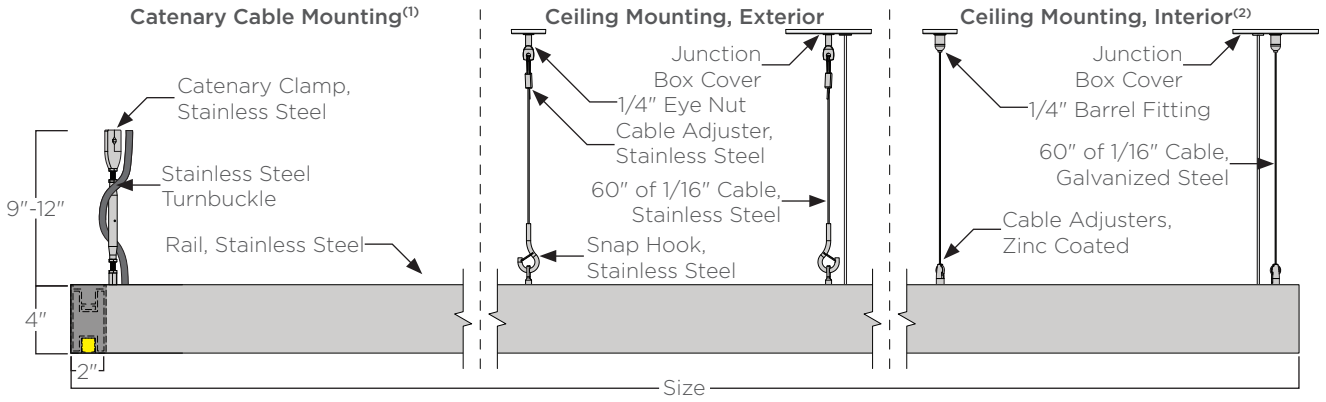
LISTINGS & RATINGS: Luminaire CSA listed according to CSA C22.2 No. 250.0-18/UL Standard 1598 and UL Standard 2108. Suitable for wet locations. LM-80 test calculated L70 > 40,000 hours. Luminaire not to be installed in chlorinated environment.

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

©2026 STRUCTURA, INC.

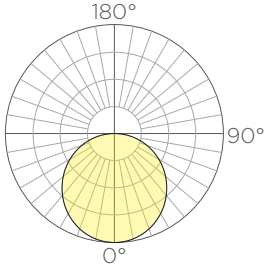
Volta Square and Rectangle - Direct Lighting

structura



	Standard Output		Medium Output		High Output			
Size	Lumens(3)	Watts	Lumens(3)	Watts	Lumens(3)	Watts	Weight(4)	EPA(4)
1x4	1051	15	1908	30	2670	50	26lbs.	3.44ft²
1x6	1471	21	2672	42	3738	70	35lbs.	5.01ft²
2x2	840	12	1527	24	2136	40	21lbs.	2.41ft²
2x4	1261	18	2290	36	3204	60	31lbs.	3.72ft²
2x6	1681	24	3054	48	4272	80	40lbs.	5.20ft²
2x8	2101	30	3817	60	5340	100	50lbs.	6.80ft²
3x3	1261	18	2290	36	3204	60	31lbs.	3.54ft²
3x6	1891	27	3435	54	4806	90	45lbs.	5.51ft²
4x4	1681	24	3053	48	4272	80	40lbs.	4.67ft²
4x8	2521	36	4580	72	6408	120	59lbs.	7.36ft²
5x5	2101	30	3817	60	5340	100	50lbs.	5.80ft²
6x6	2521	36	4580	72	6408	120	59lbs.	6.93ft²

Candela - Direct



ORDERING GUIDE: EXAMPLE: VOLTA-RCT-D-2x8-L30MO-S3-CA-STD

Wet Location

C SA US

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

1 Series
- **VOLTA** — Volta

2 Type
- **SQR** — Square
- **RCT** — Rectangle

3 Lighting
- **D** — Direct

4 Size
- **1x4** — 1' x 4'
- **1x6** — 1' x 6'
- **2x2** — 2' x 2'
- **2x4** — 2' x 4'
- **2x6** — 2' x 6'
- **2x8** — 2' x 8'
- **3x3** — 3' x 3'
- **3x6** — 3' x 6'
- **4x4** — 4' x 4'
- **4x8** — 4' x 8'
- **5x5** — 5' x 5'
- **6x6** — 6' x 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
- **CA** — Catenary Cable(1)
- **CE/E** — Ceiling Canopy, Exterior
- **CE/I** — Ceiling Canopy, Interior(2)

9 Options
- **BABA** — BABA

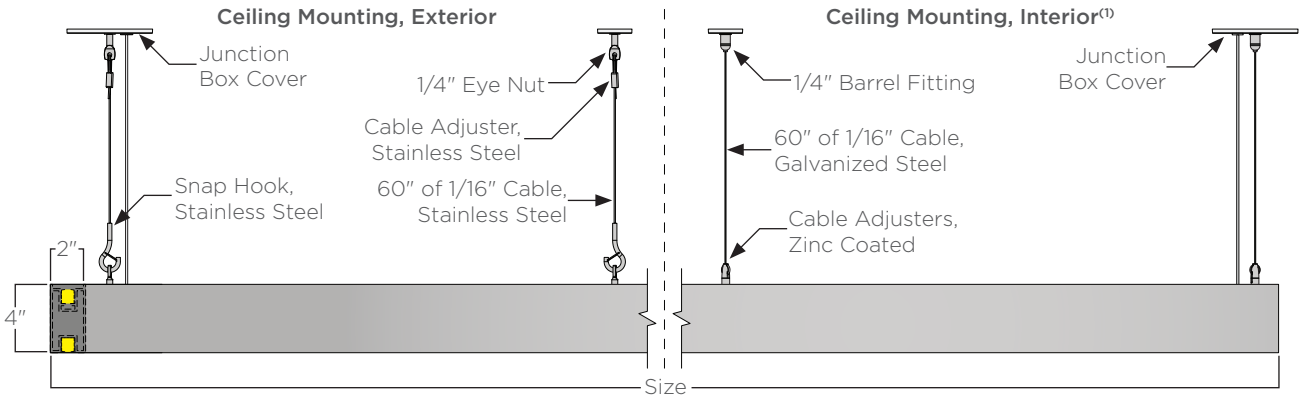
10 Special
- **STD** — Standard

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.

©2026 STRUCTURA, INC.

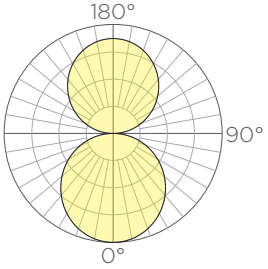
Volta Square and Rectangle - Direct/Indirect Lighting

structura



	Standard Output		Medium Output		High Output			
Size	Lumens(2)	Watts	Lumens(2)	Watts	Lumens(2)	Watts	Weight	EPA
1x4	1953	28	3547	56	4962	94	24lbs.	3.32ft²
1x6	2790	40	5068	80	7091	134	33lbs.	4.89ft²
2x2	1534	22	2786	44	3897	74	19lbs.	2.29ft²
2x4	2371	34	4308	68	6026	114	29lbs.	3.60ft²
2x6	3209	46	5829	92	8155	154	38lbs.	5.08ft²
2x8	4047	58	7351	116	10284	194	48lbs.	6.62ft²
3x3	2371	34	4307	68	6026	114	29lbs.	3.42ft²
3x6	3628	52	6590	104	9219	174	43lbs.	5.39ft²
4x4	3209	46	5829	92	8155	154	38lbs.	4.55ft²
4x8	4885	70	8873	140	12413	234	57lbs.	7.18ft²
5x5	4047	58	7351	116	10284	194	48lbs.	5.68ft²
6x6	4885	70	8873	140	12412	234	57lbs.	6.81ft²

Candela - Direct/Indirect



Wet Location Under Canopy

C SA US

ORDERING GUIDE: EXAMPLE: VOLTA-SQR-D/I-2x2-L35HO-S6-CE-STD

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

1 Series
- VOLTA: Volta

2 Type
- SQR: Square
- RCT: Rectangle

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

4 Size
- 1x4: 1′ x 4′
- 1x6: 1′ x 6′
- 2x2: 2′ x 2′
- 2x4: 2′ x 4′
- 2x6: 2′ x 6′
- 2x8: 2′ x 8′
- 3x3: 3′ x 3′
- 3x6: 3′ x 6′
- 4x4: 4′ x 4′
- 4x8: 4′ x 8′
- 5x5: 5′ x 5′
- 6x6: 6′ x 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
- CE/E: Ceiling Canopy, Exterior
- CE/I: Ceiling Canopy, Interior(1)

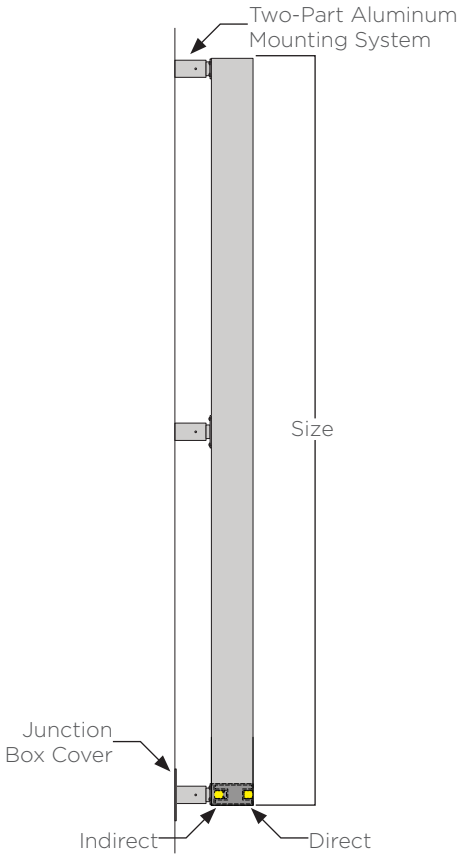
9 Options
- BABA: BABA

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.

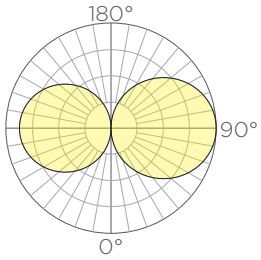
©2026 STRUCTURA, INC.

Volta Square and Rectangle - Wall Mount



	Standard Output		Medium Output		High Output		
Size	Watts D	Watts D/I	Watts D	Watts D/I	Watts D	Watts D/I	Weight
1x4	15	28	30	56	50	94	26lbs.
1x6	21	40	42	80	70	134	35lbs.
2x2	12	22	24	44	40	74	21lbs.
2x4	18	34	36	68	60	114	31lbs.
2x6	24	46	48	92	80	154	40lbs.
2x8	30	58	60	116	100	194	50lbs.
3x3	18	34	36	68	60	114	31lbs.
3x6	27	52	54	104	90	174	45lbs.
4x4	24	46	48	92	80	154	40lbs.
4x8	36	70	72	140	120	234	59lbs.
5x5	30	58	60	116	100	194	50lbs.
6x6	36	70	72	140	120	234	59lbs.

Candela - Direct/Indirect



ORDERING GUIDE: EXAMPLE: VOLTA-SQR-D-4x4-L30SO-C2-WA4/C2-STD

Wet Location

C SA US

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

1 Series
VOLTA — Volta

2 Type
SQR — Square
RCT — Rectangle

3 Lighting
D — Direct
I — Indirect
D/I — Direct/ Indirect(1)

4 Size
1x4 — 1′ x 4′
1x6 — 1′ x 6′
2x2 — 2′ x 2′
2x4 — 2′ x 4′
2x6 — 2′ x 6′
2x8 — 2′ x 8′
3x3 — 3′ x 3′
3x6 — 3′ x 6′
4x4 — 4′ x 4′
4x8 — 4′ x 8′
5x5 — 5′ x 5′
6x6 — 6′ x 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.

©2026 STRUCTURA, INC.