

Compact, Versatile, Outdoor-Rated Area Light

75W fixture delivers up to 10,000 lumens

Economic yet durable design

Primary applications include walkways, street lighting, conveyor belts, perimeter lighting as well as general wall or pole mount lighting

Meets requirements for Dark Sky compliance with minimal blue light



Key Applications

Heavy industrial conveyor belts
Catwalk lighting
Bulk material handling
Narrow pathways & walkways
Pole lighting
Wall perimeter lighting
General area lighting
Street lighting

Compliances

UL/cUL Listed to:

- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)
- CSA C22.2 No. 250.0

CE

UKCA

IP66

NEMA 4X

International Dark Sky Association Approved (2200K and Amber models only)

FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions.

RoHS compliant

Dimming Levels (CVO2-50K)

Level	Watts	Output (Lm)
(I) - 100%	70	11000
(II) - 75%	50	7850
(III) - 50%	30	4700
(IV) - 25%	14	2200

Specifications

Construction	Marine grade, cast aluminum housing
Finish	Gray polyester powder coat
Hardware	Marine grade 316 stainless steel
Lens	Impact-resistant polycarbonate Type II (T2), Type III (T3), Type V (T5) optic options Additional optic options available - contact factory Full cutoff, zero uplight
Light source	Up to 75W, field adjustable 5000K LEDs (50K), up to 11,000 lumens 2200K LEDs (22K), up to 8,000 lumens Amber LEDs (AM), up to 6,500 lumens 50,000 hour rated life
Power source	120-277V, 50-60Hz or 277-480V, 50-60Hz Overload, over-voltage, over-temperature and short-circuit protection
Power factor	>.9 at 120V
Wiring	Stranded wire leads Water-tight cord grip and conduit hub provided
Ambient operating temperature	-40°C to +50°C (standard)
Mounting	Wall or pole mount capable Accommodates NPS 1.25 inch (1.66 inch OD)/ DN 32 mm (42 mm OD)
Vibration	3G at (not 36) resonant frequency
Estimated weight	6.0 lb (2.7 kg) - standard
Warranty	5 years

For IES files, see website or contact factory

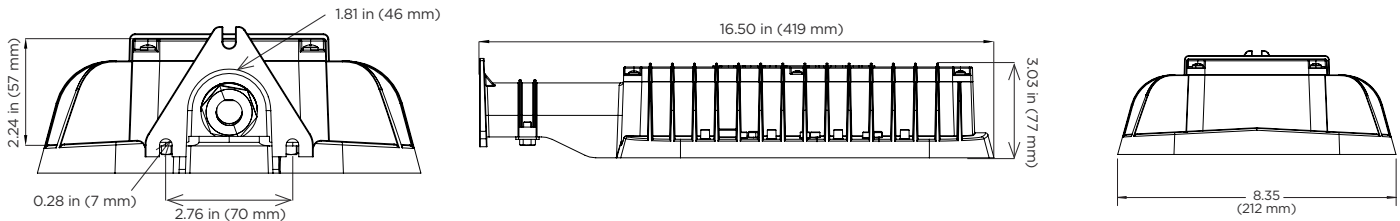
CVO 2

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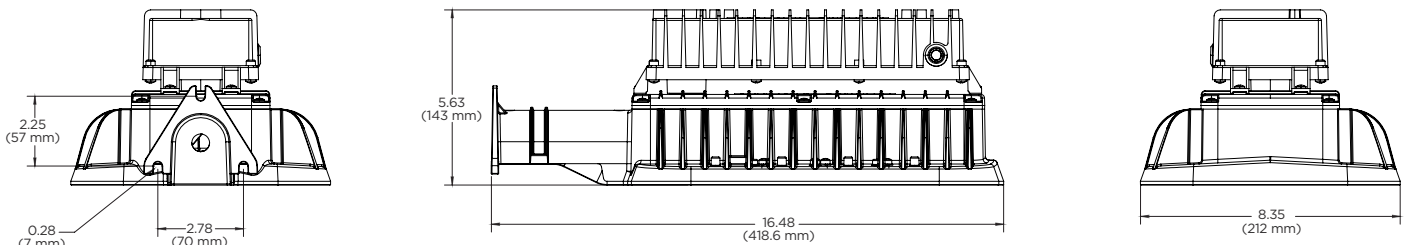
PHOENIX®
DURABILITY X DESIGN™

Dimensions

CVO2



CVO2 - EMB



Ordering Information

Example: CVO2-LED-T2-120-277-50K

Fixture	Type	Optic	Voltage	Temperature	Options
CVO2	LED	T2	120-277	50K	PC ¹
		T3	277-480	22K	
		T5		AM	

Type

LED up to 75W

Optic

T2 Type II

T3 Type III

T5 Type V

Voltage

120-277 120-277V, 50-60Hz

277-480 277-480V, 50-60Hz

Temperature

50K 5000K LEDs, up to 11,000 lumens

22K 2200K LEDs, up to 8,000 lumens,
< 7% blue light

AM Amber LEDs, up to 6,500 lumens,
< 1% blue light

Options

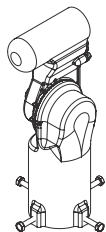
PC ¹ Photocell

Notes

¹ Contact factory.

Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

Accessories (order separately)



Adjustable Tenon Mount Kit

CVO-TN-MNT-ADJ

Adjustable in 5° increments

Accommodates NPS 1.00 inch pipe (1.32 inch OD)/DN 25 mm (34 mm OD),
NPS 1.25 inch pipe (1.66 inch OD)/DN 32 mm (42 mm OD),
NPS 1.50 inch pipe (1.90 inch OD)/DN 40 mm (48 mm OD) and
NPS 2.00 inch pipe (2.38 inch OD)/DN 50 mm (60 mm OD)