

Troy 3

NARROW WALL MOUNT CYLINDER

Switchable Up/Down Light or Down Light Only

Indoor/Outdoor

We reserve the right to revise the design or components of any product without notice.

| | | |
|------------------|--|------|
| CATALOG # | | TYPE |
| PROJECT/LOCATION | | |
| APPROVED BY | | |

SPECIFICATIONS

- APPLICATIONS — Assisted Living, Breezeway, Egress, Hospitality, Natatoriums, Public Pools, Residential Single/Multi-Unit Apartment Complexes, Retail, Schools, Security, Stairwells, Strip Centers.
- COLOR RENDERING INDEX — ≥ 80 .
- DRIVER — 120AC Voltage (50/60Hz).
- EFFICACY — 82lm/W (2,446 to 2,509 nominal lumens).
- FINISH — Durable Powder Coat Bronze (BZ) finish applied over pre-treated surfaces.
- HOUSING — Open heavy gauge aluminum cylinder.
- LIGHT ENGINE — Energy Efficient LED is standard. Built-in internal switch allows user to choose between Up/Down Light or Down Light Only (Dark Sky Compliant).
- LENS — Clear Tempered Glass.
- LIFETIME — 50,000hrs with at least 70% of initial lumen output (L70).
- MOUNTING — Wall Mount featuring Arm.
- POWER FACTOR — ≥ 0.90
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Complies with FCC Part 15, Class B. Complies with EN61000-4-5, surge immunity protection (1kV). RoHS / Energy Star compliant. Suitable for Wet Locations.
- WARRANTY — 5-Year Limited Warranty.



ORDERING INFO

| Series | LED Wattage | CCT | Voltage | Finish | Options |
|-----------------|-------------|-----|---------|--------|---------|
| ORDERING GUIDE: | | | | | |

SERIES

TY3 = Troy 3 Series

LED WATTAGE / LIGHTING MODE

Note: Built-in Internal Switch for Up/Down Light or Down Light Only

UP15/DN15 = Up Light 15 Watt / Down Light 15 Watt
— NON-Dark Sky Compliant

UP15 = Up Light 15 Watt - NON-Dark Sky Compliant

DN15 = Down Light 15 Watt - Dark Sky Compliant

LED COLOR TEMPERATURE (CCT)

3K = $\pm 3000K$ range LED

4K = $\pm 4000K$ range LED

5K = $\pm 5000K$ range LED

VOLTAGE

120 = 120 Volt

FINISH

BK = Black Finish

BZ = Bronze Finish — STANDARD

PNA = Painted Natural Aluminum

WH = Textured White Finish

+NAT = Conformal Coating - Light Engine Only

CC = Custom Color (Visit www.ralcolor.com)

— Provide RAL# or Make-to-Match Color Chip

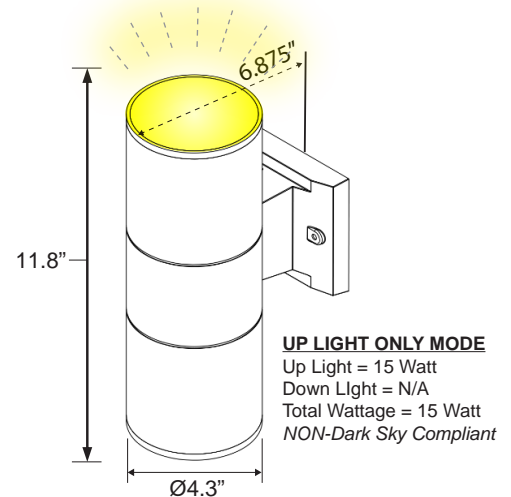
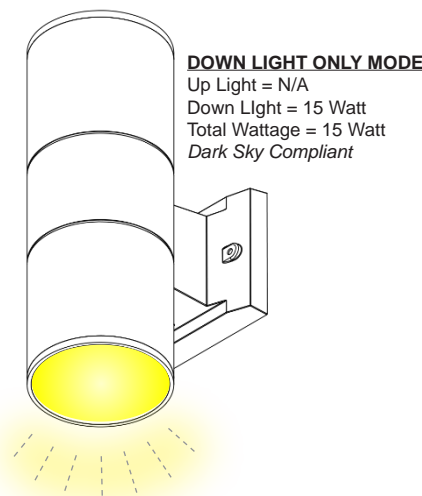
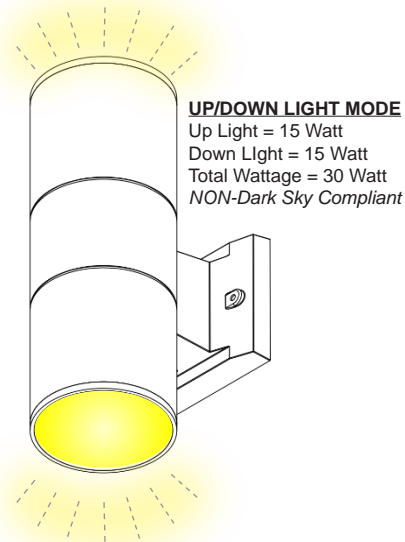
OPTIONS

LF = Lens Filter

— Colors: Red (R) / Blue (B) / Green (G) / Amber (A)

Order Example: Lens Filter Red (LF-R)

SWITCHABLE LIGHT MODES / DIMENSIONS



APPLICATION IMAGES



ELECTRICAL DATA

| Color Temp | CRI ¹ | Luminaire Lumens | Luminaire Watts | Lumens Per Watt | Input Voltage | Input Current (A) | | | Power Factor | THD ² | L ₇₀ Hours ³ |
|------------|------------------|------------------|-----------------|-----------------|---------------|-------------------|------|------|--------------|------------------|------------------------------------|
| | | | | | | 120V | 240V | 277V | | | |
| 3000K | > 80 | 2,446 | 30W | 82 | 120V | 0.25 | N/A | N/A | > 90% | < 50% | 50,000 |
| 4000K | > 80 | 2,467 | 30W | 82 | 120V | 0.25 | N/A | N/A | > 90% | < 50% | 50,000 |
| 5000K | > 80 | 2,509 | 30W | 82 | 120V | 0.25 | N/A | N/A | > 90% | < 50% | 50,000 |

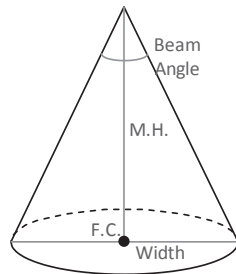
NOTES:

- 1 Color Rendering Index
- 2 Total Harmonic Distortion
- 3 L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

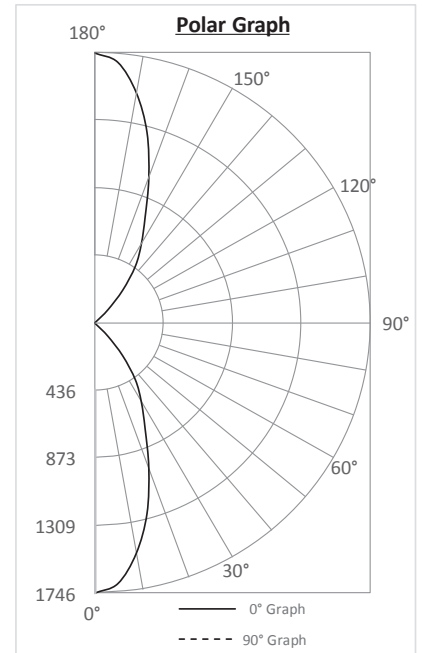
| Luminaire Data | |
|-----------------|----------------------|
| Description | Up/Down Cylinder, 3K |
| Total Lumens | 2,509 |
| Input Wattage | 30 |
| Efficacy (lm/W) | 82 |
| Beam Angle | H=45.1, V=45.1 |
| Field Angle | H=86.9, V=86.9 |

Cone of Light



Candela Table (lm)

| | |
|------|-------|
| 0° | 1,746 |
| 10° | 1,512 |
| 20° | 997 |
| 30° | 589 |
| 40° | 277 |
| 50° | 22 |
| 60° | 6 |
| 70° | 4 |
| 80° | 4 |
| 90° | 0 |
| 100° | 4 |
| 110° | 4 |
| 120° | 6 |
| 130° | 22 |
| 140° | 277 |
| 150° | 589 |
| 160° | 997 |
| 170° | 1,512 |
| 180° | 1,746 |



| Zonal Lumen Summary | | |
|---------------------|--------|--------|
| Zone | Lumens | %Fixt |
| 0-20° | 506 | 20.2% |
| 0-30° | 858 | 34.2% |
| 0-40° | 1,131 | 45.1% |
| 0-60° | 1,243 | 49.6% |
| 0-80° | 1,253 | 49.9% |
| 0-90° | 1,254 | 50.0% |
| 90-180° | 1,254 | 50.0% |
| 0-180° | 2,509 | 100.0% |

| M.H. | F.C. | Width |
|------|------|-------|
| 4' | 109 | 3.3' |
| 6' | 48 | 5.0' |
| 8' | 27 | 6.6' |
| 10' | 17 | 8.3' |
| 12' | 12 | 10.0' |
| 14' | 9 | 11.6' |
| 16' | 7 | 13.3' |