

# Troy

## CYLINDER SURFACE FAMILY Wall Arm or Ceiling Mount Outdoor / Indoor Applications

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

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

### SPECIFICATIONS

- DRIVER — Universal Voltage (120~277V) with 0-10V dimming is standard. 347 Volt optional for White LED only.
- HOUSING — Heavy gauge aluminum cylinder.
- FINISH — Powder Coat Finish applied over pre-treated surfaces.
- LIGHT ENGINE — Energy Efficient LED Downlight (DN) is standard. For Wall Mount, LED Uplight (UP) is Optional.
- LENS — .156" Clear Tempered Glass (85) is Standard.
- MOUNTING — Surface or Wall Arm Mount.
- REFLECTOR — .032 Specular Aluminum Standard.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. **Made in USA / Buy America Compliant / Buy American Act.** Ceiling Surface and wall mount are suitable for Wet Locations.



### APPLICATIONS

- RESTAURANTS & DINING
- FOYERS & HALLWAYS
- BUILDING EXTERIOR
- RETAIL & COMMERCIAL
- HOSPITALITY
- CANOPIES
- PARKING GARAGES
- ENTRANCEWAYS
- WALL WASH

### MOUNTING STYLES



**Troy Wall Mount (WM)**

Requires ARM: Standard Length 6" / Optional 3" ARM



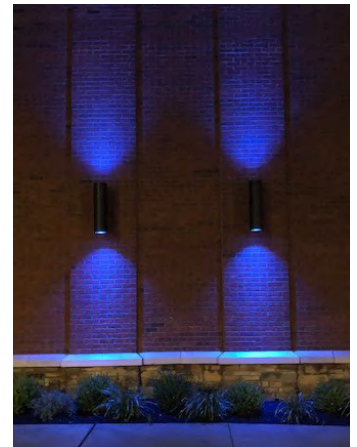
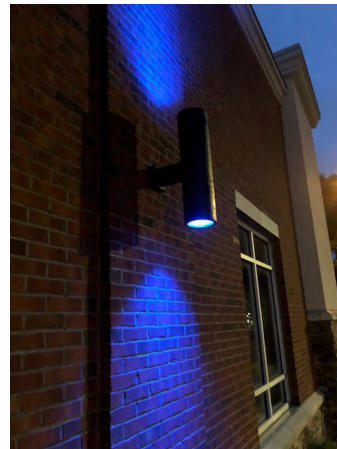
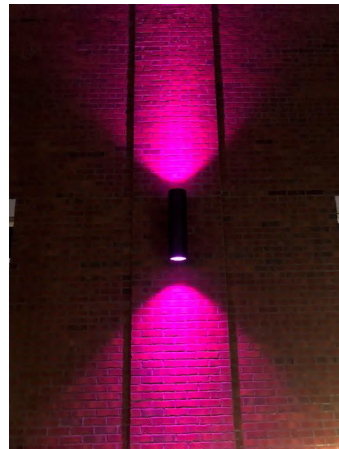
**Troy Ceiling Mount (CM)**



**Back Box (BB) Option**

Standard for Integral Emergency Battery (EL).  
Remote Emergency Battery (REL) also available.

### TROY WALL MOUNT FEATURING COLOR TUNING OPTION



TROY CEILING / WALL MOUNT LED WATTAGES				
SERIES / SIZE	DIMENSIONS	MOUNTING	LED UPLIGHT (LEDU) WATTAGES	LED DOWNLIGHT (LEDD) WATTAGES
TROY 10" (TY-10)	7" Dia. x 10"	Ceiling Mount (CM)	N/A	10W / 15W
TROY 16" (TY-16)	7" Dia. x 16½"	Ceiling Mount (CM)	N/A	10W / 15W
TROY 20" (TY-20)	7" Dia. x 20"	Ceiling Mount (CM)	N/A	10W / 15W / 25W
TROY 26" (TY-26)	7" Dia. x 26"	Ceiling Mount (CM)	N/A	10W / 15W / 25W
TROY 10" (TY-10)	7" Dia. x 10"	Wall Mount (WM)	N/A	N/A
TROY 16" (TY-16)	7" Dia. x 16½"	Wall Mount (WM)	10W / 15W	10W / 15W
TROY 20" (TY-20)	7" Dia. x 20"	Wall Mount (WM)	10W / 15W / 25W	10W / 15W / 25W
TROY 26" (TY-26)	7" Dia. x 26"	Wall Mount (WM)	10W / 15W / 25W	10W / 15W / 25W

WATTAGE / LUMENS PER CCT <i>(Values shown are standard without additional optical beam spread)</i>				
Wattage	3000K	3500K	4000K	5000K
5 Watts	656 Lumens	701 Lumens	709 Lumens	719 Lumens
10 Watts	1507 Lumens	1531 Lumens	1550 Lumens	1570 Lumens
15 Watts	2074 Lumens	2106 Lumens	2132 Lumens	2159 Lumens
25 Watts	3264 Lumens	3314 Lumens	3356 Lumens	3398 Lumens

**ORDERING GUIDE:**

Series	Size	Mounting	LED Wattage	CCT	Voltage	Finish	Optional Beam	Options
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**EXAMPLE: TY-10-WM-LEDD10-35K-EBU-BK-W-ARM3**  
**EXAMPLE: TY-20-WM-LEDD10/LEDU10-35K-EBU-BK-W-ARM6**

**SERIES**

TY = Troy Series

**SIZE**

- 10 = 10" Tall (7" dia.)
- 16 = 16½" Tall (7" dia.)
- 20 = 20" Tall (7" dia.)
- 26 = 26" Tall (7" dia.)

**STYLE (MOUNTING)**

- CM = Ceiling Mount
- WM = Wall Mount (requires ARM Option)

**LED WATTAGE**

Refer to Above Chart

- LED Downlight (LEDDxx) is STANDARD
- LED Downlight/Uplight (LEDDxx/LEDUxx) is optional for Wall Mount (WM)

**LED COLOR TEMPERATURE (CCT)**

- 3K = ±3000K range LED
- 35K = ±3500K range LED
- 4K = ±4000K range LED
- 5K = ±5000K range LED
- RGB = RGB Color Tuning
- RGBW = RGBW Color Tuning

**VOLTAGE**

- 347 = 347 Volts (Consult Factory)
- UNV = Universal Voltage (120/277V) Driver
- 2UNV = Two Universal Voltage (120/277V) Drivers

**FINISH**

- BK = Black
- BZ = Bronze
- PNA = Painted Natural Aluminum
- WH = White
- CC = Custom Color (Consult Factory)

**BEAM SPREAD OPTIONS (3K to 5K Only)**

- S = Spot — 16°
- M = Medium — 28°
- W = Wide — 58°
- XW = X-Wide — 74°
- DL = Diffusion Lens  
— Includes Glare / Dust Control

**DIMMING OPTIONS**

Note: 0-10V 100%-30% is Standard

- D7A = 0-10VDC LED Dimming Driver (100-10%)
- D7B = 0-10VDC LED Dimming Driver (100-1%)
- D12 = Lutron Dimming
- D14 = DMX Control

**OPTIONS**

- ARM3 = Extended Arm - Required with Wall Mount  
— 3" Length (10" and 16" Fixtures)
- ARM6 = Extended Arm - Required with Wall Mount  
— 6" Length (20" and 26" Fixtures)
- BB = Back Box  
— Required for Integral Emergency Battery
- ONB = Open Bottom - Non Lensed, Indoor Only

**EMERGENCY / BATTERY OPTIONS**

*No onsite Emergency Power (AC or DC) is provided*  
**Note:** Integral Batteries Require Back Box (BB)

**Meets California Energy Commission Title 20:**  
*(CEC-400-2014-009-CMF) Efficiency Standards*

- EL4W = Integral LED 4 Watt
- EL8W = Integral LED 8 Watt
- REL4W = Remote LED 4 Watt
- REL8W = Remote LED 8 Watt
- REL16W = Remote LED 16 Watt

**Cold Weather Emergency Batteries:**

*NON-CEC Compliant*  
**REL10W-CW** = Remote LED 10 Watt - Cold Weather

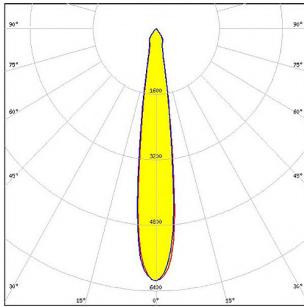
**NOTES:**

- 1 Consult Factory with requests regarding lamp sources including LED, color temp, wattages or voltages not shown.
- 2 Backbox (BB) Required
- 3 Consult Factory for additional Emergency Battery options not shown
- 5 Due to form and fit, final selection of the Battery Pack under discretion of Factory

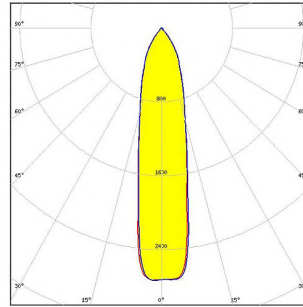


**OPTIONAL BEAM SPREADS**

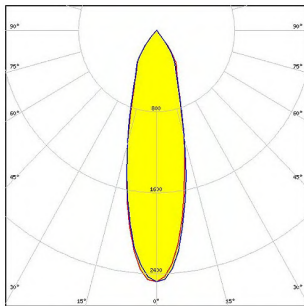
*NOTE: Depiction of lumen distribution as depicted is subject to change minimally based upon selection of LED.*



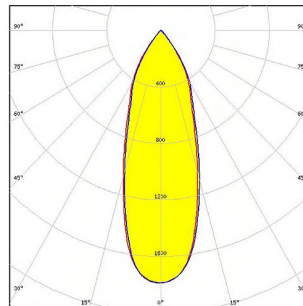
16° Spot (Wattage / Lumens)				
Watts	3000K	3500K	4000K	5000K
5W	649	693	702	711
10W	1491	1514	1533	1533
15W	2052	2084	2110	2136
25W	3229	3279	3321	3361



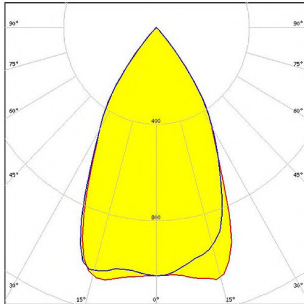
17° Spot (with Drop Lens) (Wattage / Lumens)				
Watts	3000K	3500K	4000K	5000K
5W	614	656	664	673
10W	1411	1433	1451	1469
15W	1942	1972	1996	2021
25W	3056	3102	3142	3181



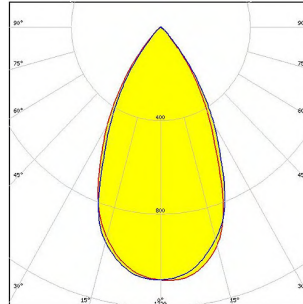
28° Medium (Wattage / Lumens)				
Watts	3000K	3500K	4000K	5000K
5W	649	693	702	711
10W	1491	1514	1533	1533
15W	2052	2084	2110	2136
25W	3229	3279	3321	3361



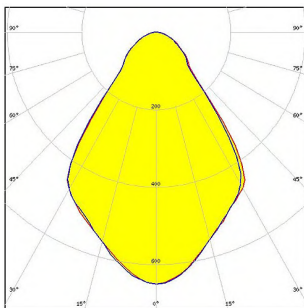
31° Medium (with Drop Lens) (Wattage / Lumens)				
Watts	3000K	3500K	4000K	5000K
5W	621	663	671	680
10W	1427	1449	1467	1486
15W	1964	1994	2019	2044
25W	3090	3138	3178	3217



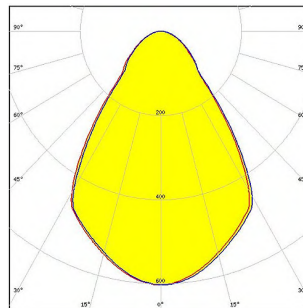
58° Wide (Wattage / Lumens)				
Watts	3000K	3500K	4000K	5000K
5W	642	686	694	703
10W	1475	1498	1517	1536
15W	2030	2061	2087	2113
25W	3195	3243	3285	3325



59° Wide (with Drop Lens) (Wattage / Lumens)				
Watts	3000K	3500K	4000K	5000K
5W	614	656	664	673
10W	1411	1433	1451	1469
15W	1942	1972	1996	2021
25W	3056	3102	3142	3181



74° Extra Wide (Wattage / Lumens)				
Watts	3000K	3500K	4000K	5000K
5W	656	701	709	719
10W	1507	1531	1550	1570
15W	2074	2106	2132	2159
25W	3264	3314	3356	3398



73° Extra Wide (with Drop Lens) (Wattage / Lumens)				
Watts	3000K	3500K	4000K	5000K
5W	635	678	687	696
10W	1459	1482	1500	1519
15W	2008	2039	2064	2090
25W	3160	3208	3249	3289