

# Troy Pendant

## CYLINDER PENDANT FAMILY

### Pendant Stem with Swivel Canopy Pendant Aircraft Cable

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CATALOG #		TYPE
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#### SPECIFICATIONS

- DRIVER — Universal voltage (120~277V) electronic driver with 0-10V dimming is standard. 347 Volt optional for White LED only.
- HOUSING — Heavy gauge aluminum cylinder.
- FINISH — Powdercoat finish applied over pre-treated surfaces.
- LIGHT ENGINE — Energy Efficient LED Downlight (LEDD) is standard. LED Uplight (LEDU) is Optional.
- LENS — .156" Clear Tempered Glass (85) is Standard.
- DISTRIBUTION — Wide (W) Light Distribution or Extra Wide (XW) Light Distribution.
- MOUNTING — Aircraft Cable Suspension (PEND-ACR) or Pendant (PEND) with Static (STC) or Swivel (SWC-xx) Canopy.
- REFLECTOR — .032 Specular Aluminum Standard.
- APPLICATIONS — Restaurants, Dining, Foyers, Hallways, Retail, Commercial, Hospitality.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Suitable for Damp Locations. **Made in USA / Buy America Compliant / Buy American Act.**



#### ORDERING INFO

ORDERING GUIDE:	Series	Size	Mounting	Wattage	Beam	CCT	Voltage	Finish	Options

#### 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.)

#### MOUNTING

PEND-ACR = Pendant Aircraft Cable

NOTE: Selected for UP/DN Combinations

PEND = Pendant Mount (24" Stem)

- For Custom Stem Specify Length
- Includes Canopy Swivel Kit (45°)

NOTE: Selected for DOWN Combinations ONLY

#### WATTAGE

Refer to Below Chart for Size/Wattage Compatibility

DNxx = LED Downlight(xx=Wattage) - STANDARD

UPxx = LED Uplight(xx=Wattage) - Optional  
— LED Uplight for PEND-ACR Only

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

Note: See Page 2 for Images/Examples

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

#### COLOR TEMPERATURE (CCT)

- 3K = ±3000K range
- 35K = ±3500K range
- 4K = ±4000K range
- 5K = ±5000K range

#### VOLTAGE

- 347 = 347 Volt
- UNV = Universal Voltage (120/277V) Electronic Drivers

#### STANDARD FINISH

- BK = Black
- BZ = Bronze
- PNA = Painted Natural Aluminum
- WH = White

#### PREMIUM UPCHARGE FINISH

CC = Custom Color (Visit [www.ralcolor.com](http://www.ralcolor.com))

#### CONTROL OPTIONS

MANUAL CONTROL (Wall Switch or Control System)

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

#### EMERGENCY / BATTERY OPTIONS

No onsite Emergency Power (AC or DC) is provided

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:

Operating Temp: -20°C thru 50°C  
NON-CEC Compliant  
REL10W-CW = Remote LED 10 Watt (Cold Weather)

#### NOTES:

- Consult Factory with requests regarding lamp sources including LED, color temp, wattages or voltages not shown.
- Consult Factory for Emergency Battery options not shown
- Due to form and fit, final selection of the Battery Pack under discretion of Factory

SERIES / SIZE	DIMENSIONS	MOUNTING	LED UPLIGHT (UP) WATTAGES	LED DOWNLIGHT (DN) WATTAGES
TROY 10" (TY-10)	7" Dia. x 10"	Pendant Aircraft Cable (PEND-ACR)	15W	15W
TROY 16" (TY-16)	7" Dia. x 16½"	Pendant Aircraft Cable (PEND-ACR)	15W / 25W	15W / 25W
TROY 20" (TY-20)	7" Dia. x 20"	Pendant Aircraft Cable (PEND-ACR)	15w / 25W	15w / 25W
TROY 26" (TY-26)	7" Dia. x 26"	Pendant Aircraft Cable (PEND-ACR)	15W / 25W / 30W	15W / 25W / 30W
TROY 10" (TY-10)	7" Dia. x 10"	Pendant Static/Swivel (PEND-STC/SWC)	N/A	15W
TROY 16" (TY-16)	7" Dia. x 16½"	Pendant Static/Swivel (PEND-STC/SWC)	N/A	15W / 25W
TROY 20" (TY-20)	7" Dia. x 20"	Pendant Static/Swivel (PEND-STC/SWC)	N/A	15w / 25W
TROY 26" (TY-26)	7" Dia. x 26"	Pendant Static/Swivel (PEND-STC/SWC)	N/A	15W / 25W / 30W

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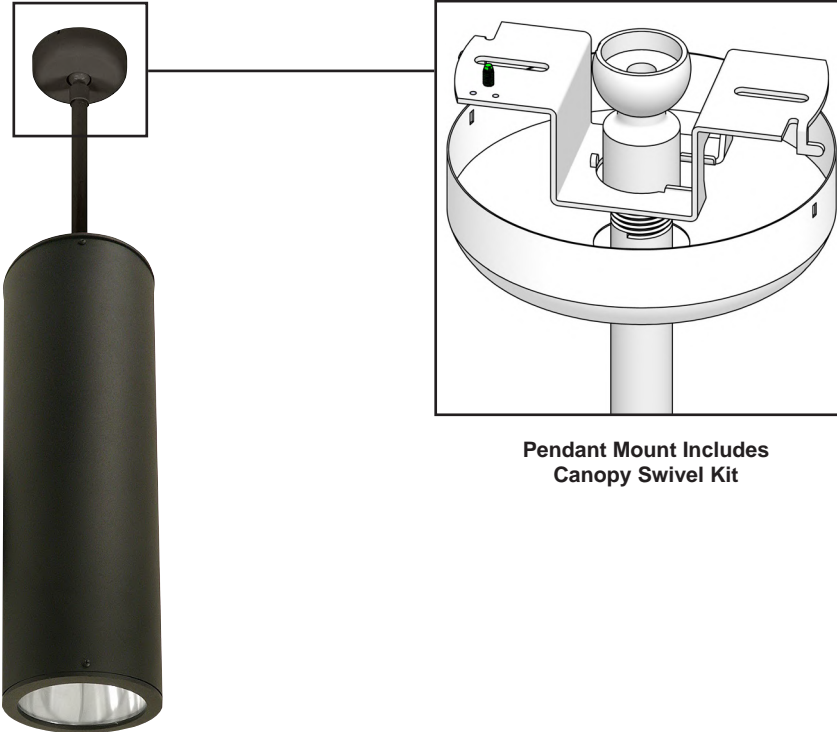
Pendant Stem with Swivel Canopy

Pendant Aircraft Cable

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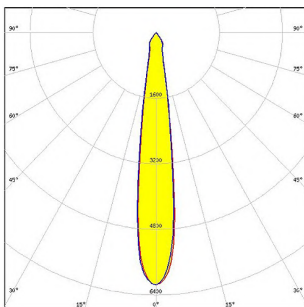
### PENDANT CANOPY SWIVEL KIT



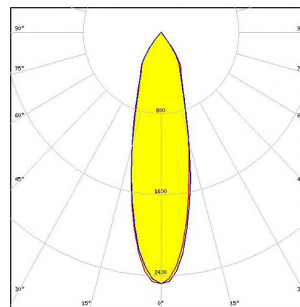
Pendant Mount Includes Canopy Swivel Kit

### OPTIONAL BEAM SPREADS

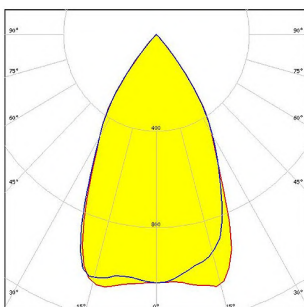
NOTE: Depiction of lumen distribution as depicted is subject to change minimally based upon selection of LED.



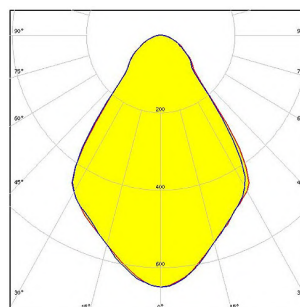
16° Spot (Wattage / Lumens)					
Watts	3000K	3500K	4000K	5000K	
5W	649	693	702	711	
10W	1491	1514	1533	1533	
15W	2052	2084	2110	2136	
25W	3229	3279	3321	3361	



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	



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	



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	

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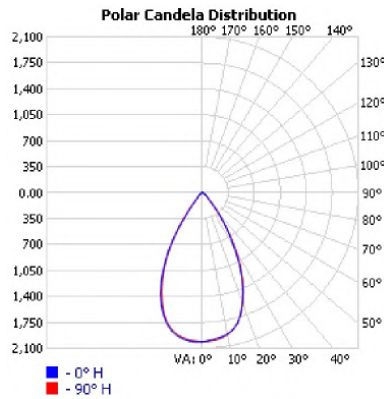
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### PHOTOMETRIC DATA

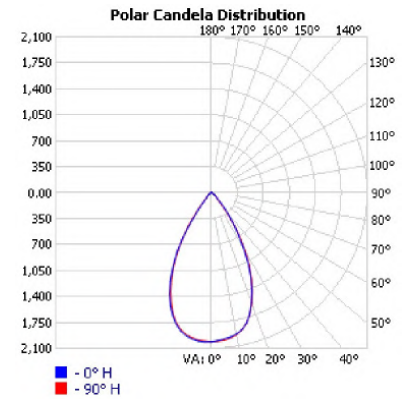
Summary of Results   TY10-PEND-ACR-DN15-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
1750.6 Lumens	116.7 Lm/W	15W	3500K	Type VS	B2-U0-G0

LCS Summary	
Zone	Lumens
Forward Low (0-30)	638.0
Forward Medium (30-60)	249.0
Forward High (60-80)	6.8
Forward Very High (80-90)	0.2
Back Low (0-30)	637.4
Back Medium (30-60)	214.2
Back High (60-80)	5.7
Back Very High (80-90)	0.2
Up Low (90-100)	0.0
Up High (100-180)	0.0



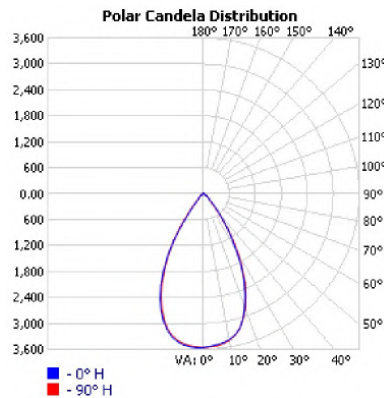
Summary of Results   TY16-PEND-ACR-DN15-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
1750.6 Lumens	116.7 Lm/W	15W	3500K	Type VS	B2-U0-G0

LCS Summary	
Zone	Lumens
Forward Low (0-30)	638.0
Forward Medium (30-60)	249.0
Forward High (60-80)	6.8
Forward Very High (80-90)	0.2
Back Low (0-30)	637.4
Back Medium (30-60)	214.2
Back High (60-80)	5.7
Back Very High (80-90)	0.2
Up Low (90-100)	0.0
Up High (100-180)	0.0



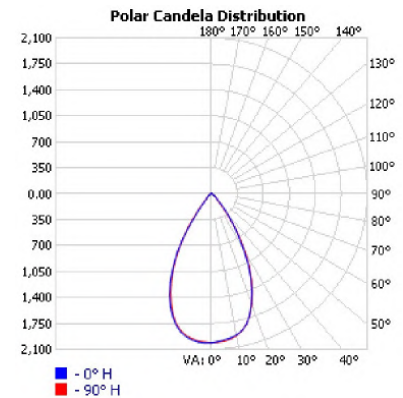
Summary of Results   TY16-PEND-ACR-DN25-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3100.1 Lumens	124.0 Lm/W	25W	3500K	Type VS	B3-U0-G0

LCS Summary	
Zone	Lumens
Forward Low (0-30)	1,129.8
Forward Medium (30-60)	441.0
Forward High (60-80)	12.1
Forward Very High (80-90)	0.4
Back Low (0-30)	1,128.7
Back Medium (30-60)	379.4
Back High (60-80)	10.1
Back Very High (80-90)	0.4
Up Low (90-100)	0.0
Up High (100-180)	0.0



Summary of Results   TY20-PEND-ACR-DN15-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
1750.6 Lumens	116.7 Lm/W	15W	3500K	Type VS	B2-U0-G0

LCS Summary	
Zone	Lumens
Forward Low (0-30)	638.0
Forward Medium (30-60)	249.0
Forward High (60-80)	6.8
Forward Very High (80-90)	0.2
Back Low (0-30)	637.4
Back Medium (30-60)	214.2
Back High (60-80)	5.7
Back Very High (80-90)	0.2
Up Low (90-100)	0.0
Up High (100-180)	0.0



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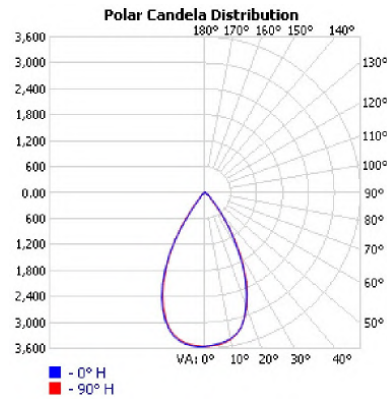
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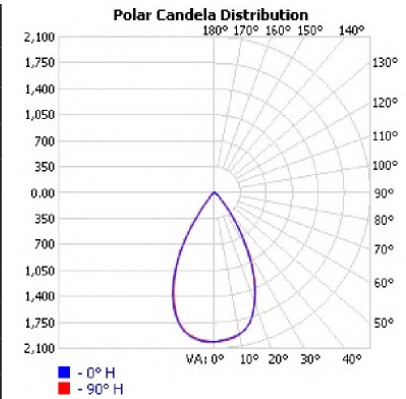
Summary of Results   TY20-PEND-ACR-DN25-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3100.1 Lumens	124.0 Lm/W	25W	3500K	Type VS	B3-U0-G0

LCS Summary	
Zone	Lumens
Forward Low (0-30)	1,129.8
Forward Medium (30-60)	441.0
Forward High (60-80)	12.1
Forward Very High (80-90)	0.4
Back Low (0-30)	1,128.7
Back Medium (30-60)	379.4
Back High (60-80)	10.1
Back Very High (80-90)	0.4
Up Low (90-100)	0.0
Up High (100-180)	0.0



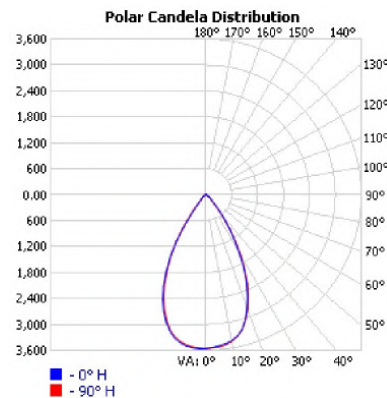
Summary of Results   TY26-PEND-ACR-DN15-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
1750.6 Lumens	116.7 Lm/W	15W	3500K	Type VS	B2-U0-G0

LCS Summary	
Zone	Lumens
Forward Low (0-30)	638.0
Forward Medium (30-60)	249.0
Forward High (60-80)	6.8
Forward Very High (80-90)	0.2
Back Low (0-30)	637.4
Back Medium (30-60)	214.2
Back High (60-80)	5.7
Back Very High (80-90)	0.2
Up Low (90-100)	0.0
Up High (100-180)	0.0



Summary of Results   TY26-PEND-ACR-DN25-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3100.1 Lumens	124.0 Lm/W	25W	3500K	Type VS	B3-U0-G0

LCS Summary	
Zone	Lumens
Forward Low (0-30)	1,129.8
Forward Medium (30-60)	441.0
Forward High (60-80)	12.1
Forward Very High (80-90)	0.4
Back Low (0-30)	1,128.7
Back Medium (30-60)	379.4
Back High (60-80)	10.1
Back Very High (80-90)	0.4
Up Low (90-100)	0.0
Up High (100-180)	0.0



Summary of Results   TY26-PEND-ACR-DN30-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3501.2 Lumens	116.7 Lm/W	30W	3500K	Type VS	B2-U0-G0

LCS Summary	
Zone	Lumens
Forward Low (0-30)	1,275.9
Forward Medium (30-60)	498.0
Forward High (60-80)	13.6
Forward Very High (80-90)	0.5
Back Low (0-30)	1,274.7
Back Medium (30-60)	428.5
Back High (60-80)	11.4
Back Very High (80-90)	0.4
Up Low (90-100)	0.0
Up High (100-180)	0.0

