

Troy Pendant

CYLINDER PENDANT FAMILY

Pendant Stem with Swivel Canopy

Pendant Aircraft Cable

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) 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.**



Pendant Aircraft Cable
(PEND-ACR)



Pendant Mount (PEND)
Includes Canopy Swivel Kit



ORDERING INFO

ORDERING GUIDE:

Series	Size	Mounting	Wattage	Beam Angle	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

- Note: 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)

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:

- 1 Consult Factory with requests regarding lamp sources including LED, color temp, wattages or voltages not shown.
- 3 Consult Factory for Emergency Battery options not shown
- 5 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

Troy Pendant

CYLINDER PENDANT FAMILY

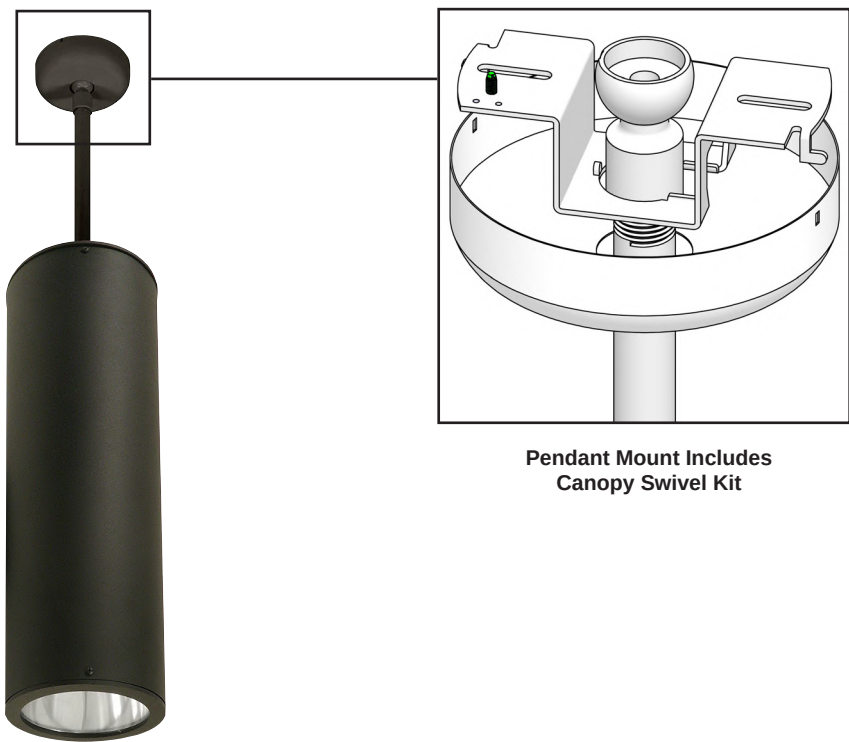
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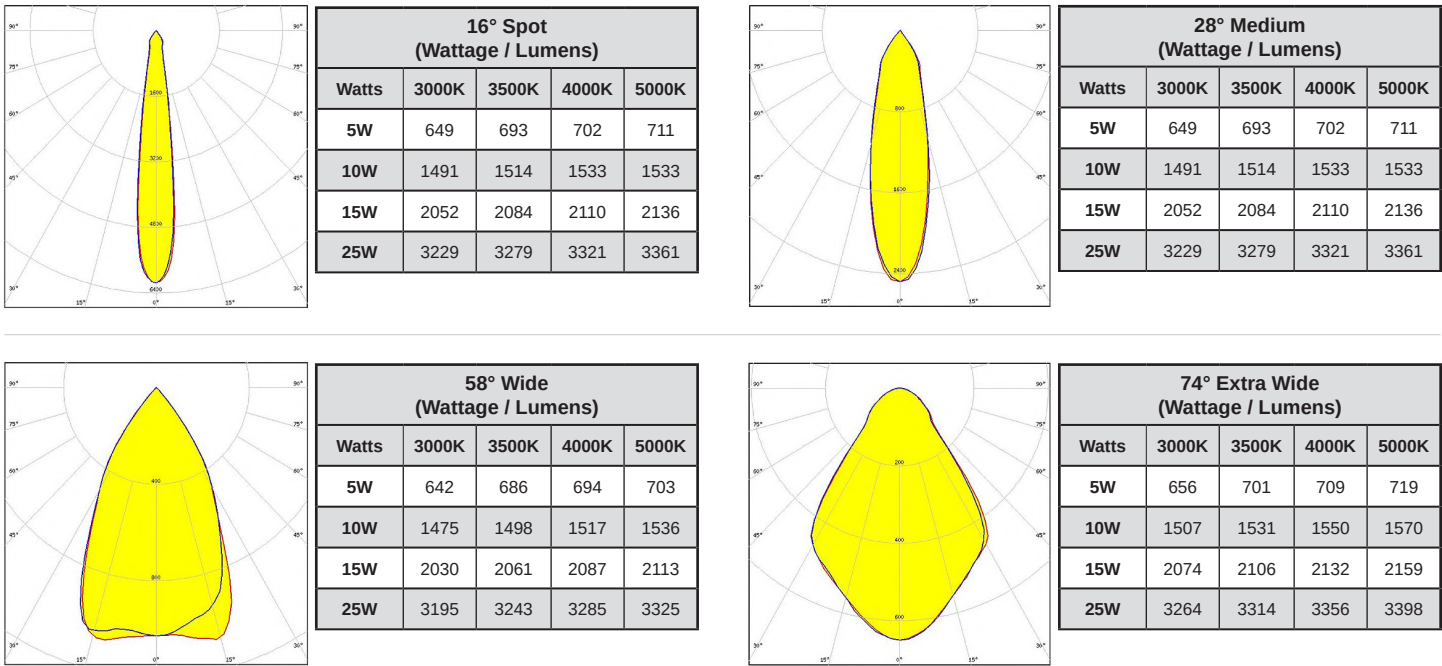
PENDANT CANOPY SWIVEL KIT



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.



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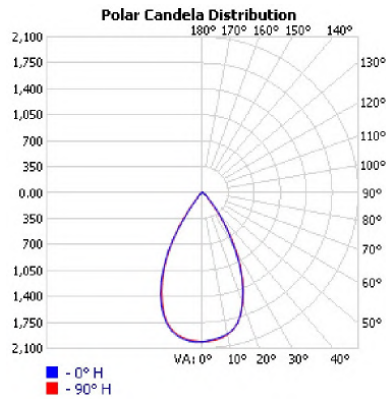
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PHOTOMETRIC DATA

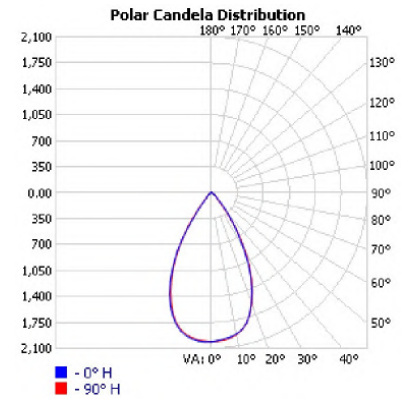
Summary of Results TY10-PEND-ACR-DN15-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
1750.6 Lumens	116.7 Lm/W	15W	3500K	Type VS	B2-U0-G0

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



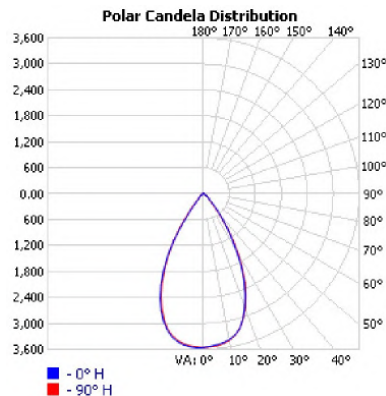
Summary of Results TY16-PEND-ACR-DN15-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
1750.6 Lumens	116.7 Lm/W	15W	3500K	Type VS	B2-U0-G0

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



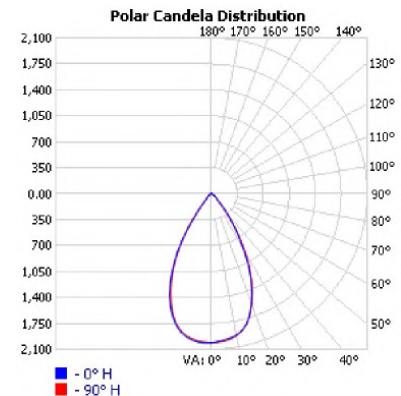
Summary of Results TY16-PEND-ACR-DN25-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3100.1 Lumens	124.0 Lm/W	25W	3500K	Type VS	B3-U0-G0

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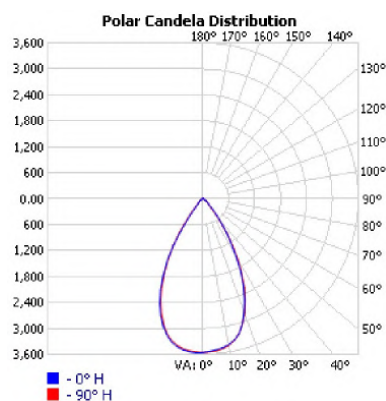
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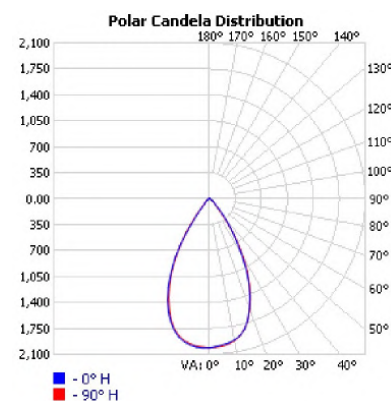
Summary of Results TY20-PEND-ACR-DN25-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3100.1 Lumens	124.0 Lm/W	25W	3500K	Type VS	B3-U0-G0

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



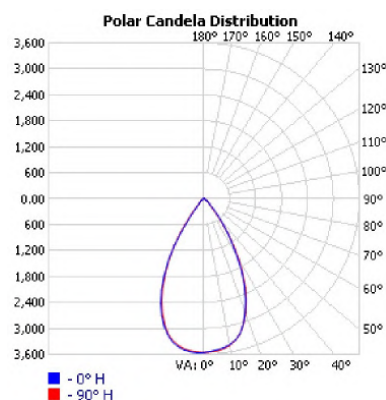
Summary of Results TY26-PEND-ACR-DN15-W-35K-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
1750.6 Lumens	116.7 Lm/W	15W	3500K	Type VS	B2-U0-G0

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

