



**Job Name: Timber Ridge Apartments**  
**Location: Forest Lake, MN**

Site:

Type AA:	RAB	WPLED18
Type BB:	RAB	ALED2T78/PS4-11-20D2
Type CC:	ELITE	EZ6IC/AF632CL/WH/WH/19PAR38HO/830/NF25
Type DD:	RAB	(2)ALED3T78/PS4-11-20D2
Type Entry:	Amerlux	DPS-2-T5-CLB-PT01-SCR05/EA6-12



Ultra-high efficiency LED 18 Watt wallpack. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: Bronze

Weight: 7.5 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

**Driver Info**

Type: Constant Current  
120V: 0.17A  
208V: 0.11A  
240V: 0.09A  
277V: 0.08A  
Input Watts: 20W  
Efficiency: 91%

**LED Info**

Watts: 18W  
Color Temp: 5000K  
Color Accuracy: 66 CRI  
L70 Lifespan: 100000  
Lumens: 2,044  
Efficacy: 103 LPW

**Technical Specifications**

**Listings**

**UL Listing:**

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

**Dark Sky Approved:**

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
DLC Product Code: P00001751

**LED Characteristics**

**Lifespan:**

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

**LED:**

Multi-chip, high-output, long-life LED

**Color Consistency:**

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

**Color Stability:**

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

**Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

**Electrical**

**Driver:**

Constant Current, Class 2, 100-277V, 50/60 Hz, 4 kV surge protection, 500mA, 100-240VAC: 0.3-0.15A, 277VAC: 0.15A, Power Factor: 99%

**THD:**

10.3% at 120V

**Construction**

**Ambient Temperature:**

Suitable for use in 40°C (104°F) ambient temperatures

**Cold Weather Starting:**

The minimum starting temperature is -40°C/-40°F

**Thermal Management:**

Superior heat sinking with external Air-Flow fins

**Finish:**

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

**Reflector:**

Semi-specular, vacuum-metalized polycarbonate

**Gaskets:**

High-temperature silicone gaskets

**Housing:**

Die-cast aluminum housing, lens frame and mounting arm

**Mounting:**

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

**Green Technology:**

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**Optical**

**Replacement:**

The WPLED18 replaces 150W Metal Halide Wallpacks.

**BUG Rating:**

B1 U0 G0

**Other**

**California Title 24:**

WPLED18 with available photocell options comply with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture ≤ 30 Watts. Add /PC, /PC2, /PCS or /PCS2 to RAB catalog number to add a photocell.

**For Use on LEED Buildings:**

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

**Patents:**

The design of WPLED18 is protected by US patent D608,040, Canada patent 138280, and China patent CN301649064S.

**Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

## Technical Specifications (continued)

**Other**

**Country of Origin:**

Designed by RAB in New Jersey and assembled in Taiwan.

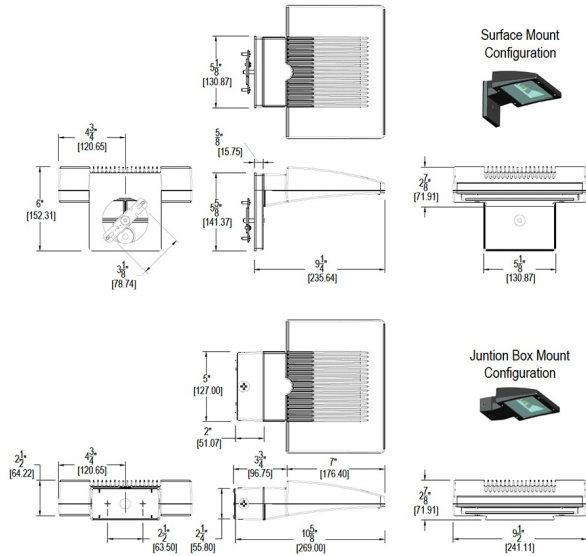
**Trade Agreements Act Compliant:**

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

### Dimensions



### Features

- Ultra-high efficiency LED 18 Watt wallpack
- Replaces 150W Metal Halide Wallpacks
- 100,00-Hour LED Lifespan
- 5-Year Warranty

### Ordering Matrix

Family	Watts	Color Temp	Finish	Photocell
WPLED	18 = 18W	= 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	= Bronze W = White	= No Photocell /PC = 120V Button /PC2 = 277V Button



Specification grade area lights available with IES Type II distribution. For use in parking lots, roadways, pathways and general area lighting. Patent pending thermal management system. 5 Year Warranty.

Color: Bronze

Weight: 32.0 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

<b>Driver Info</b>		<b>LED Info</b>	
Type:	Constant Current	Watts:	78W
120V:	0.66A	Color Temp:	5000K
208V:	0.41A	Color Accuracy:	71 CRI
240V:	0.35A	L70 Lifespan:	100000
277V:	0.30A	Lumens:	9,552
Input Watts:	77W	Efficacy:	123 LPW
Efficiency:	N/A		

**Technical Specifications**

**Listings**

**UL Listing:**

Suitable for wet locations as a downlight.

**IESNA LM-79 & IESNA LM-80 Testing:**

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

**Dark Sky Approved:**

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
DLC Product Code: P0000179P

**Optical**

**Lifespan:**

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

**BUG Rating:**

B1 U0 G2

**Replacement:**

Replaces 250W Metal Halide.

**Construction**

**IES Classification:**

The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

**Effective Projected Area:**

EPA = 0.75

**Ambient Temperature:**

Suitable for use in 104° F (40° C) ambient temperatures.

**Cold Weather Starting:**

Minimum starting temperature is -40° F (-40° C)

**Thermal Management:**

Superior heat sinking with external Air-Flow fins.

**Housing:**

Die cast aluminum housing, lens frame and mounting arm.

**IP Rating:**

Ingress Protection rating of IP66 for dust and water

**Reflector:**

Specular vacuum-metallized polycarbonate

**Gaskets:**

High temperature silicone gaskets.

**Finish:**

Formulated for high-durability and long lasting color.

**Green Technology:**

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**For use on LEED Buildings:**

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

**LED Characteristics**

**LEDs:**

Six (6) multi-chip, 13W, high-output, long-life LEDs.

**Color Consistency:**

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

**Color Stability:**

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

**Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

**Electrical**

**Driver:**

Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

**THD:**

5.0% at 120V, 12.3% at 277V

**Surge Protection:**

4kV

## Technical Specifications (continued)

### Electrical

#### Surge Protector:

ALED78 is available with a 6kV surge protector (SP6). SP6 available .

#### Other

#### California Title 24:

See ALED2T78/D10, ALED2T78/BL, ALED2T78/PCS, ALED2T78/PCS2, or ALED2T78/PCT for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

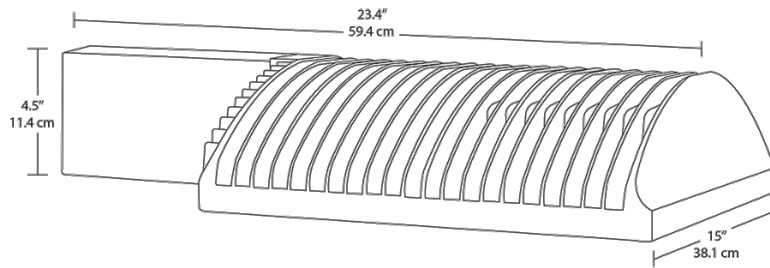
#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### Patents:

The ALED design is protected by patents in the U.S. Pat. 668,370, Canada Pat. 144956, China ZL201230100154.X, and Mexico Pat. 38423. Pending patents in Taiwan.

### Dimensions



### Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- Type II distribution
- 5-year warranty

### Ordering Matrix

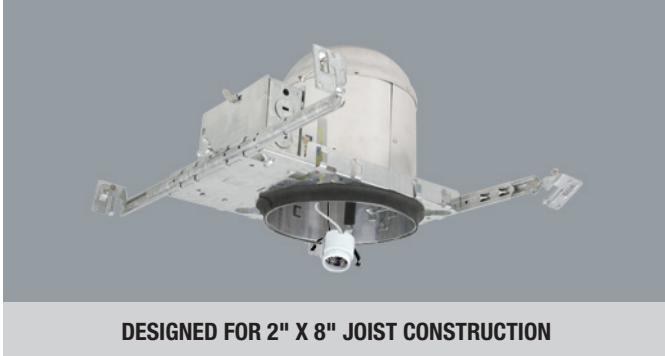
Family	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	Bi-Level
<b>ALED</b>									
	<b>2T</b> = Type II	<b>360</b> =	<b>Blank</b> =	<b>Blank</b> = 5000K	<b>Blank</b> =	<b>Blank</b> = 120-277V	<b>Blank</b> = No Photocell	<b>Blank</b> = No	<b>Blank</b> = No Bi-
	<b>3T</b> = Type III	360W	Arm	(Cool)	Bronze	<b>/480</b> = 480V (Only 360W &	<b>/PC</b> = 120V Button	Dimming	Level
	<b>4T</b> = Type IV	<b>260</b> =	<b>SF</b> =	<b>Y</b> = 3000K	<b>W</b> = White	260W)	<b>/PC2</b> = 277V Button	<b>/D10</b> = Dimmable	<b>/BL</b> = Bi-Level
		260W	Slipfitter	(Warm)	<b>RG</b> = Gray		<b>/PCS</b> = 120V Swivel		
		<b>150</b> =		<b>N</b> = 4000K			<b>/PCS2</b> = 277V Swivel		
		150W		(Neutral)			<b>/PCT</b> = 120-277V		
		<b>125</b> =					Twistlock		
		125W					<b>/PCS4</b> = 480V Swivel		
		<b>105</b> =					<b>/PCT4</b> = 480V		
		105W					Twistlock		
		<b>78</b> = 78W							

# EZ6IC

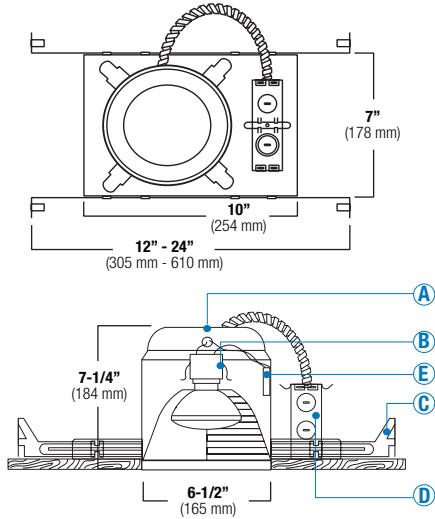
## 6" Universal IC Housing with Loose Socket and Quick Connectors

LAMP WATTAGE: (1) MAXIMUM 75W R/PAR30, 60W A19, 65W BR30

Catalog Number:	TYPE CC CAN EZ6IC	
Project Name:		Type:
Note:	<b>elite</b> LIGHTING	



DESIGNED FOR 2" X 8" JOIST CONSTRUCTION



### DESCRIPTION

New construction, thermally protected, IC rated specification grade recessed housing. Accommodates up to 75W PAR30, R30 lamps, 60W A19 lamps and 65W BR30 lamps. Furnished with preinstalled adjustable bar hangers. Junction box is provided with four 1/2" KOs, one 3/4" KO and four Romex knockouts with strain relief.

### SPECIFICATION

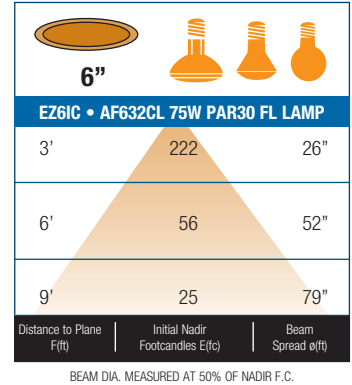
**A. HOUSING** - Die-formed all aluminum construction for maximum heat dissipation and rust protection. Adjusts vertically in plaster frame to accommodate 1/2" to 1-3/8" ceiling.

**B. SOCKET** - Medium base screw shell porcelain socket that attaches directly to the AF\_series trims.

**C. BAR HANGERS** - Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. They can be positioned on either the long or short axis of the housing and can be shortened for 12" joists. They contain a double-headed real nail for 20° downward angle for better contact, and the 90° pivoting mounting plate makes installation fast and accurate. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods if necessary.

**D. JUNCTION BOX** - UL and ETL listed for through-branch circuit wiring, provided with four 1/2" KOs, one 3/4" KO and four Romex knockouts with true pry-out slots and strain clamps.

**E. THERMAL PROTECTION** - Standard thermal protection device guards against improper installation, overlampping and misuse of insulation material.



### FEATURES

- Thermally Protected IC housing.
- Wire through junction box.
- Preinstalled adjustable bar hanger.
- Dependable, favorable design and effortless installation.
- 7-1/4" height allows use in 2" x 8" joist construction.
- Special screw on the frame locks bar hangers in place which prevents the housing from any movement once installed.
- Preinstalled socket cap provides electrical contact protection against dust, paint and over spray.

### OPTIONS

#### AIR-SHUT

- Gasket to prevent air flow from heated or air conditioned spaces.
- Meets all national air flow requirements.

#### UL AND C-UL/ETL AND C-ETL LISTED

- For Damp location
- For Feed-through wiring
- For Direct contact with insulation



ITEM SELECTOR: (Please check the boxes below for the option desired)

TYPE	TRIM TYPE			BAFFLE	REFLECTOR	TRIM/RING
EZ6IC-AT	<input type="checkbox"/> AF631	<input type="checkbox"/> AF601	<input type="checkbox"/> AF605L	<input type="checkbox"/> W	<input type="checkbox"/> CL	<input type="checkbox"/> WH
	<input type="checkbox"/> AF649	<input type="checkbox"/> AF605	<input type="checkbox"/> AF606L	<input type="checkbox"/> P	<input type="checkbox"/> RG	<input type="checkbox"/> BK
	<input type="checkbox"/> AF630	<input type="checkbox"/> AF606	<input type="checkbox"/> AF633	<input type="checkbox"/> SN	<input type="checkbox"/> W	<input type="checkbox"/> SN
	<input type="checkbox"/> AF651	<input type="checkbox"/> AF636	<input type="checkbox"/> B602	<input type="checkbox"/> CP	<input type="checkbox"/> MB	<input type="checkbox"/> CP
	<input type="checkbox"/> AF637	<input type="checkbox"/> AF635	<input type="checkbox"/> B609	<input type="checkbox"/> BZ	<input type="checkbox"/> BZ	<input type="checkbox"/> CH
	<input type="checkbox"/> AF640	<input type="checkbox"/> AF642	<input type="checkbox"/> B663		<input type="checkbox"/> CP	<input type="checkbox"/> PB
	<input type="checkbox"/> AF634	<input type="checkbox"/> AF641	<input type="checkbox"/> B673		<input type="checkbox"/> SN	<input type="checkbox"/> BZ
	<input type="checkbox"/> AF632	<input type="checkbox"/> AF643			<input type="checkbox"/> SHZ	
	<input type="checkbox"/> AF644	<input type="checkbox"/> AF638				
	<input type="checkbox"/> AF639	<input type="checkbox"/> AF601L				

### Specifications:

#### EZ6IC-AT

TRIM TYPE      BAFFLE      REFLECTOR      TRIM/RING

BAFFLE	REFLECTOR	TRIM/RING
W White	CL Chrome	WH White
P Black	RG Gold	BK Black
SN Satin Nickel	W White	SN Satin Nickel
CP Copper	MB Black	CP Copper
BZ Bronze	BZ Bronze	CH Chrome
	CP Copper	PB Polish Brass
	SN Satin Nickel	BZ Bronze
	SHZ Satin Haze	

Sample of Catalog Number: EZ6IC-AT-AF631-W-WH

\*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.



Submission form is available @ [www.iuseelite.com](http://www.iuseelite.com)  
Tel: 323-888-1973 • Fax: 323-888-1977

Specifications and Dimensions subject to change without notice.

REV: ELITE LIGHTING-SPEC-06-29-2011

# 6" EZ SERIES Incandescent Trims

TYPE CC TRIM  
AF632CL-WH

Catalog Number:

Project Name:

Type:

Note:



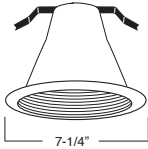
(LAMP WATTAGE: (1) MAXIMUM 75W R/PAR30, 60W A19, 65W BR30)

**AF631W-WH (SOCKET SUPPORTING)  
R30/PAR30 SELF FLANGE AIR-SHUT BAFFLE**



NEW  
CLIP  
DESIGN

AVAILABLE COLOR  
COMBINATIONS:  
W-WH, P-WH, P-BK,  
SN-SN, CP-CP, BZ-BZ



7-1/4"

**AF649W-WH (SOCKET SUPPORTING)  
R40/PAR38 DEEP SELF FLANGE AIR-SHUT BAFFLE**



NEW  
CLIP  
DESIGN

AVAILABLE COLOR  
COMBINATIONS:  
W-WH, P-WH



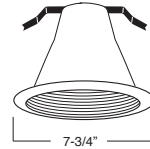
7-3/4"

**AF630W-0V (SOCKET SUPPORTING)  
R30/PAR30 AIR-SHUT BAFFLE W/ OVER-SIZED RING**



NEW  
CLIP  
DESIGN

AVAILABLE COLOR  
COMBINATIONS:  
W-WH, P-WH



7-3/4"

**AF651W (SOCKET SUPPORTING)  
R30/PAR30 CONE OPEN TRIM**



NEW  
CLIP  
DESIGN

AVAILABLE COLOR:  
WHITE ONLY



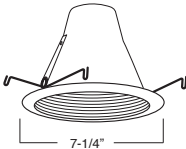
7-3/4"

**AF637W-WH (SOCKET SUPPORTING)  
SELF FLANGE AIR-SHUT BAFFLE**



NEW  
CLIP  
DESIGN

AVAILABLE COLOR  
COMBINATIONS:  
W-WH, P-WH, P-BK,  
SN-SN, CP-CP, BZ-BZ



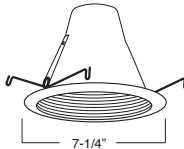
7-1/4"

**AF640W-WH (SOCKET SUPPORTING)  
DEEP SELF FLANGE AIR-SHUT BAFFLE**



NEW  
CLIP  
DESIGN

AVAILABLE COLOR  
COMBINATIONS:  
W-WH, P-WH, SN-SN,  
CP-CP, BZ-BZ



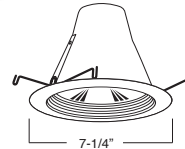
7-1/4"

**AF634W-CL-WH (SOCKET SUPPORTING)  
R30/PAR30 AIR-SHUT REFLECTOR W/ BAFFLE**



NEW  
CLIP  
DESIGN

AVAILABLE COLORS:  
W-CL-WH, P-CL-WH



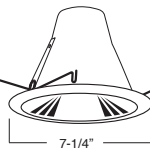
7-1/4"

**AF632RG-WH (SOCKET SUPPORTING)  
R30/PAR30 AIR-SHUT REFLECTOR**



NEW  
CLIP  
DESIGN

AVAILABLE COLOR  
COMBINATIONS:  
CP-CP, W-WH, RG-WH,  
MB-WH, CL-WH,  
MB-BK, RG-PB, CL-CH



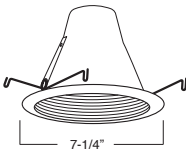
7-1/4"

**AF639W-WH (SOCKET SUPPORTING)  
SELF FLANGE AIR-SHUT BAFFLE**



NEW  
CLIP  
DESIGN

AVAILABLE COLOR  
COMBINATIONS:  
W-WH



7-1/4"

MATT WHITE FINISH

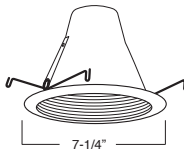
**NEW**  
**AF644W-WH (SOCKET SUPPORTING)  
PAR30 OPEN RATED SHOWER TRIM**



FOR  
WET  
LOCATION

NEW  
CLIP  
DESIGN

AVAILABLE COLOR  
COMBINATIONS:  
W-WH, P-WH, P-BK,  
SN-SN, CP-CP, BZ-BZ



7-1/4"

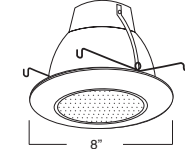
**AF601CP (SOCKET SUPPORTING)  
METAL ALBALITE SHOWER TRIM**



FOR  
WET  
LOCATION

LENS:  
ALBALITE

TRIM/RING FINISH:  
WH, BK, SN, CP, CH,  
PB, BZ



8"

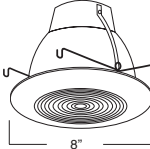
**AF605PB (SOCKET SUPPORTING)  
METAL FRESNEL SHOWER TRIM**



FOR  
WET  
LOCATION

LENS:  
FRESNEL

TRIM/RING FINISH:  
WH, BK, SN, CP, CH,  
PB, BZ



8"

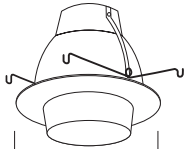
**AF606CP (SOCKET SUPPORTING)  
METAL DROP OPAL SHOWER TRIM**



FOR  
WET  
LOCATION

LENS:  
DROP OPAL

TRIM/RING FINISH:  
WH, BK, SN, CP, CH,  
PB, BZ



8"

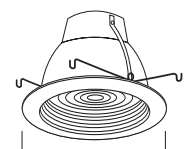
**AF636W-WH (SOCKET SUPPORTING)  
BAFFLE W/ FRESNEL LENS**



FOR  
WET  
LOCATION

BAFFLE FINISH:  
W, P, SN, CP, BZ

TRIM/RING FINISH:  
WH, BK, SN, CP, CH,  
PB, BZ



7-1/4"

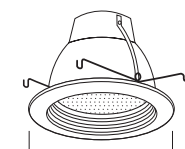
**AF635P-WH (SOCKET SUPPORTING)  
BAFFLE W/ ALBALITE LENS**



FOR  
WET  
LOCATION

BAFFLE FINISH:  
W, P, SN, CP, BZ

TRIM/RING FINISH:  
WH, BK, SN, CP, CH,  
PB, BZ



7-1/4"

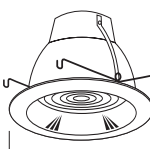
**AF642CL-WH (SOCKET SUPPORTING)  
REFLECTOR W/ FRESNEL LENS**



FOR  
WET  
LOCATION

REFLECTOR FINISH:  
CL, RG, W, MB, CP,  
SN, SHZ

TRIM/RING FINISH:  
WH, BK, SN, CP, CH,  
PB, BZ



7-1/4"

# PAR38 HO 19W TITANIUM LED SERIES



TYPE CC LAMP  
19PAR38HO/830NF25/277V

PRO



19W REPLACES



250W  
Hal.

80% Energy Savings

\$919 Savings  
per lamp\*

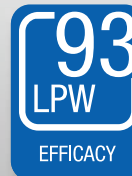
- ⌚ Universal voltage 120-277V
- ⌚ 10,000+ candela replaces 250W Halogen & 39W HID
- ⌚ Powerful light output 1775 lumens
- ⌚ Exceptional efficacy 93 LPW in Warm White
- ⌚ Even beam distribution



40,000 H



UNIVERSAL



EFFICACY



WARRANTY



CRI (Ra)



NON ENCL.



LM 79

LM 80

TM 21

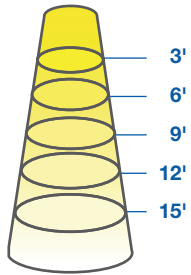


HIGH CANDELA OUTPUT - SUPERIOR PERFORMANCE



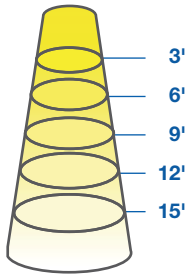
## ILLUMINANCE & CANDELA DISTRIBUTION

19PAR38HO/827NF25/277V



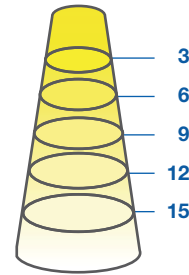
Diameter	Footcandles
0.6	1111
1.1	278
1.7	124
2.2	69
2.8	44

19PAR38HO/830NF25/277V

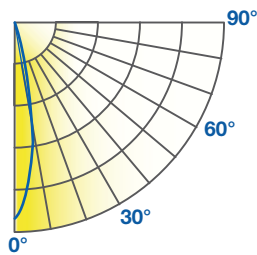


Diameter	Footcandles
0.6	1133
1.1	283
1.7	126
2.2	71
2.8	45

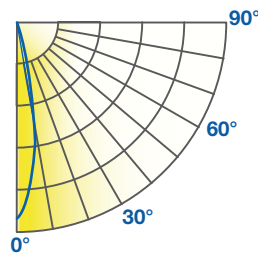
19PAR38HO/840NF25/277V



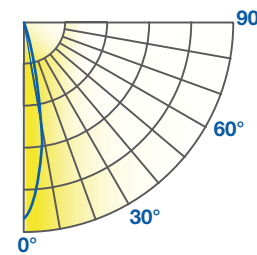
Diameter	Footcandles
0.6	1156
1.1	289
1.7	128
2.2	72
2.8	46



Degree	Candela
0	10,000
5	9000
15	2050
25	272
35	98
45	81

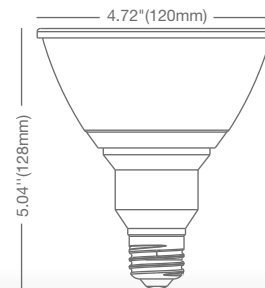


Degree	Candela
0	10,200
5	9180
15	2091
25	277
35	100
45	82



Degree	Candela
0	10,400
5	9360
15	2132
25	283
35	104
45	84

- Base:** E26
- Voltage:** 120-277V
- Dimmable:** No
- PF:** 0.9
- Lifetime:** 40,000 hrs
- Weight:** 0.86lb / 390g



## SPECIFICATIONS\*\*

Model	Product	Power (W)	CCT	CRI (typ.)	Lumens	LPW	Beam Angle	CBCP (cd)
19PAR38HO/827NF25/277V	97769	19	Warm White 2700K	80	1725	91	NF 25°	10,000
19PAR38HO/830NF25/277V	97772	19	Warm White 3000K	80	1775	93	NF 25°	10,200
19PAR38HO/840NF25/277V	97778	19	Natural White 4000K	80	1850	97	NF 25°	10,400

\* Savings per lamp based on \$0.11 / kw energy cost, 12 hrs / day lamp usage, \$18 halogen with 1500-hr lifetime, \$32 LED with 40,000-hr lifetime

\*\* Specification data is preliminary and may be subject to change

\*\*\* Not intended for use in totally enclosed fixtures

\*\*\*\* Suitable for damp locations. Not for use where directly exposed to the weather or water



Specification grade area lights available with IES Type III distribution. For use for roadway, general parking and other area lighting applications where a larger pool of lighting is required. Patent pending thermal management system. 5 Year Warranty.

Color: Bronze

Weight: 30.4 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

**Driver Info**

Type: Constant Current  
120V: 0.66A  
208V: 0.41A  
240V: 0.35A  
277V: 0.30A  
Input Watts: 78W  
Efficiency: 99%

**LED Info**

Watts: 78W  
Color Temp: 5100K  
Color Accuracy: 67 CRI  
L70 Lifespan: 100000  
Lumens: 6,911  
Efficacy: 88 LPW

**Technical Specifications**

**Optical**

**Lifespan:**

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

**BUG Rating:**

B1 U0 G2

**Replacement:**

Replaces 250W Metal Halide.

**Construction**

**IES Classification:**

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

**IP Rating:**

Ingress Protection rating of IP66 for dust and water

**Ambient Temperature:**

Suitable for use in 40°C ambient temperatures.

**Cold Weather Starting:**

The minimum starting temperature is -40°C/-40°F

**Thermal Management:**

Superior heat sinking with external Air-Flow fins.

**Effective Projected Area:**

EPA = 0.75

**Housing:**

Die cast aluminum housing, lens frame and mounting arm.

**Reflector:**

Specular vacuum-metallized polycarbonate

**Gaskets:**

High temperature silicone gaskets.

**Finish:**

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

**Green Technology:**

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

**For use on LEED Buildings:**

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

**LED Characteristics**

**LEDs:**

Six (6) multi-chip, 13W, high-output, long-life LEDs.

**Color Consistency:**

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

**Color Stability:**

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

**Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

**Electrical**

**Driver:**

Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

**THD:**

5.3% at 120V, 13.3% at 277V

**Surge Protection:**

4kV

**Surge Protector:**

ALED78 is available with a 6kV surge protector (SP6). SP6 available .

**Listings**

**IESNA LM-79 & IESNA LM-80 Testing:**

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

**Dark Sky Approved:**

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

**UL Listing:**

Suitable for wet locations as a downlight.

## Technical Specifications (continued)

### Listings

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
DLC Product Code: P0000179S

#### Other

#### California Title 24:

See ALED3T78/D10, ALED3T78/BL, ALED3T78/PCS, ALED3T78/PCS2, or ALED3T78/PCT for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

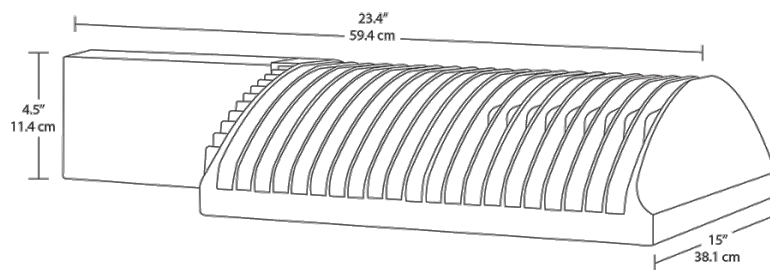
#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### Patents:

The ALED design is protected by patents in the U.S. Pat. 668,370, Canada Pat. 144956, China ZL201230100154.X, and Mexico Pat. 38423. Pending patents in Taiwan.

### Dimensions

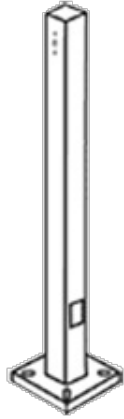


### Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- Type III distribution
- 5-year warranty

### Ordering Matrix

Family	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	Bi-Level
<b>ALED</b>									
	2T = Type II	360 =	Blank =	Blank = 5000K	Blank =	Blank = 120-277V	Blank = No Photocell	Blank = No	Blank = No Bi-
	3T = Type III	360W	Arm	(Cool)	Bronze	/480 = 480V (Only 360W &	/PC = 120V Button	Dimming	Level
	4T = Type IV	260 =	SF =	Y = 3000K	W = White	260W)	/PC2 = 277V Button	/D10 = Dimmable	/BL = Bi-Level
		260W	Slipfitter	(Warm)	RG = Gray		/PCS = 120V Swivel		
		150 =		N = 4000K			/PCS2 = 277V Swivel		
		150W		(Neutral)			/PCT = 120-277V		
		125 =					Twistlock		
		125W					/PCS4 = 480V Swivel		
		105 =					/PCT4 = 480V		
		105W					Twistlock		
		78 = 78W							



Square steel poles drilled for 2 Area Lights at 180°. Designed for ground mounting. Poles are stocked nationwide for quick shipment. Protective packaging ensures poles arrive at the job site good as new.

Color: Bronze

Weight: 137.0 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Lamp Info		Ballast Info	
Type:	N/A	Type:	N/A
Watts:	0W	120V:	N/A
Shape/Size:	N/A	208V:	N/A
Base:	N/A	240V:	N/A
ANSI:	N/A	277V:	N/A
Hours:	N/A	Input Watts:	0W
Lamp Lumens:	N/A		
Efficacy:	N/A		

### Technical Specifications

**Listings**

**CSA Listed:**

Suitable for wet locations.

**Construction**

**Shaft:**

46,000 p.s.i. minimum yield.

**Hand Holes:**

Reinforced with grounding lug and removable cover.

**Base Plates:**

Slotted base plates 36,000 p.s.i.

**Shipping Protection:**

All poles are shipped in individual corrugated cartons to prevent finish damage.

**Color:**

Bronze powder coating.

**Height:**

20 FT.

**Weight:**

137 lbs.

**Gauge:**

11

**Wall Thickness:**

1/8".

**Shaft Size:**

4".

**Hand Hole Dimensions:**

3" x 5".

**Bolt Circle:**

8 1/2".

**Base Dimension:**

8".

**Anchor Bolt:**

Galvanized anchor bolts and galvanized hardware and anchor bolt template. All bolts have a 3" hook.

**Anchor Bolt Templates:**

WARNING Template must be printed on 11" x 17" sheet for actual size. CHECK SCALE BEFORE USING. Templates shipped with anchor bolts and available .

**Pre-Shipped Anchor Bolts:**

Bolts can be pre-shipped upon request for additional freight charge.

**MaxEPA's/Max Weights:**

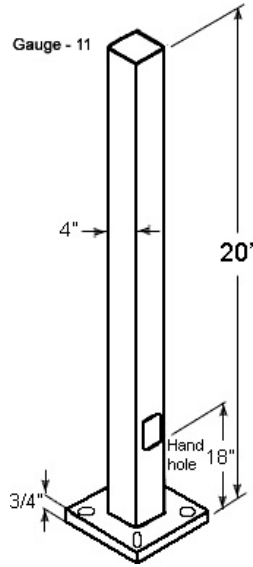
- 70MPH 8.3 ft\_/240 lb
- 80MPH 5.6 ft\_/165 lb
- 90MPH 3.6 ft\_/110 lb
- 100MPH 2.2 ft\_/75 lb
- 110MPH 1.0 ft\_/45 lb
- 120MPH 0.2 ft\_/20 lb.

**Other**

**Terms of Sale:**

Pole Terms of Sale is available .

**Dimensions**



**Features**

- Designed for ground mounting
- Heavy duty TGIC polyester coating
- Reinforced hand holes with grounding lug and removable cover for easy wiring access
- Anchor Bolt Kit includes pole cap and base cover (sold separately)
- Custom manufactured for each application

# DOWNLIGHT PENDANT-SMALL

18" LED LUMINAIRE

U.4.1.16

TYPE ENTRY

DPS-2-T5-CLB-PT01-SCR05

DPS Series  
LED



## Description

Performance and directional control make this luminaire highly versatile and able to accommodate needs in the strictest environments. Multiple size and shade configurations make this luminaire suitable for a wide variety of decorative applications, especially where a Dark Sky friendly instrument is desirable.

The decorative housing is vented at top and bottom to allow natural air convection cooling of IP66 sealed optical modules, while protecting heat-sink fins from debris collection. The driver is accessible through the bottom. Greater than 88% optical efficiency, highly uniform with reduced hot-spot and greater fixture center spacing. This luminaire uses less than 60% of the energy yet achieves greater fixture spacing, improved uniformity vs. Metal Halide.

## Construction:

- Cast aluminum housing
- Spun aluminum shade

## Optical Chamber:

Individual IP66 sealed optical modules

## Optics:

- High Performance individual optical refractive lens for each LED module.
- Cool, neutral, or warm color temperatures
- IESNA Full Cutoff
- Available in Type 2, 3, 4, or 5 light patterns

## Driver:

Convection cooled driver with electronic constant current operation with over voltage and short circuit protection. Automatic voltage sensing for 120 to 277v input. 0-10volt dimming option available.

## Installation

The luminaire will mount to the bracket. Post top luminaire brackets will mount to a 3" OD post or tenon with (6) 5/16" stainless steel set screws. Wall bracket models have four 3/8" holes for mounting (wall mount hardware is not included).

## FINISH

Premium quality thermoset polyester powdercoat for a durable finish in the following:

**BLK** - Satin Black

**CLB** - Classic Bronze

**GBZ** - Gloss Textured Bronze

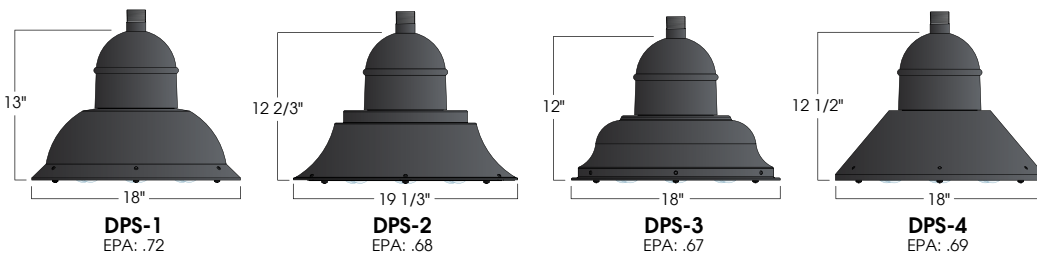
**GRN** - Green

**GTB** - Gloss Textured Black

**TBK** - Textured Black

**TGR** - Gloss Textured Green

## Available Shade Styles



## Ordering Information:

Model	Light Distribution Type	Order Code	CCT	CRI	Approx. Lumens Delivered	Nominal Input Power	Finish	Dimming Option
DPS-1	T2 T3 T5	3VL	3000K	80	4,000	58W	BLK, CLB GBZ, GRN GTB, TBK TGR Custom	DM 0-10volt
DPS-2		4VL	4000K	80	4,200			
DPS-3		5VL	5000K	65	4,400			
DPS-4		3L	3000K	80	5,600	82W		
		4L	4000K	80	5,800			
		5L	5000K	65	6,000			

PROJECT:

TYPE:



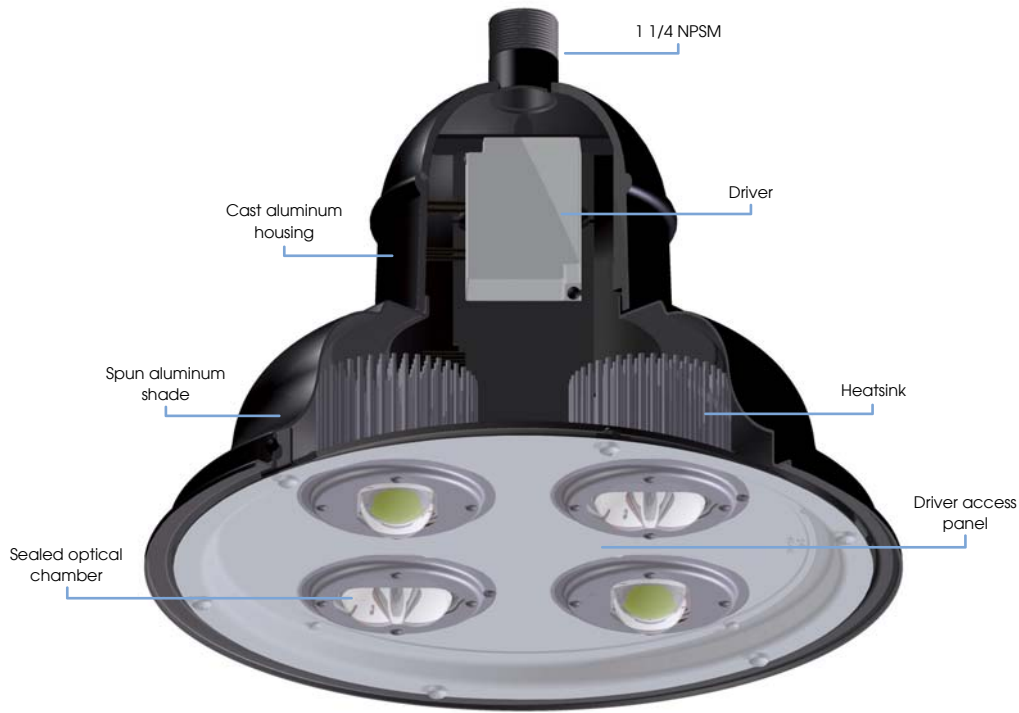
Electrostatic sensitive device.  
observe precautions for handling

5 year limited  
warranty  
AMERLUX LED

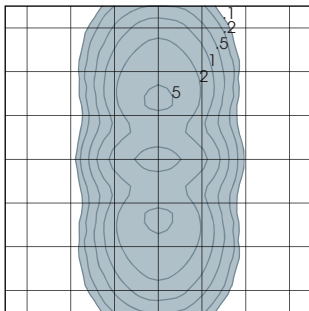


Part String

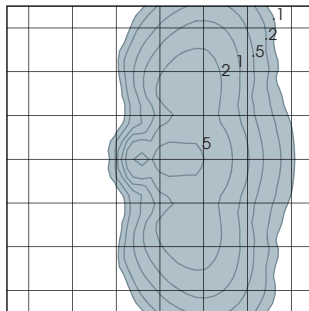
Example: DPS-1/T2/3VL/BLK



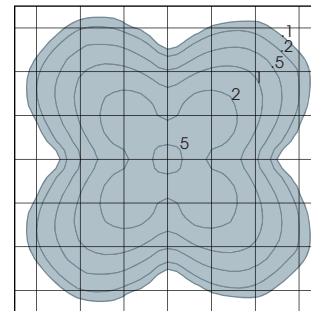
**Typical Photometry**



**DPS-X/T2/3H**  
Scale: 1 Unit = 12 Ft.  
Mounting Height = 12.00 Ft

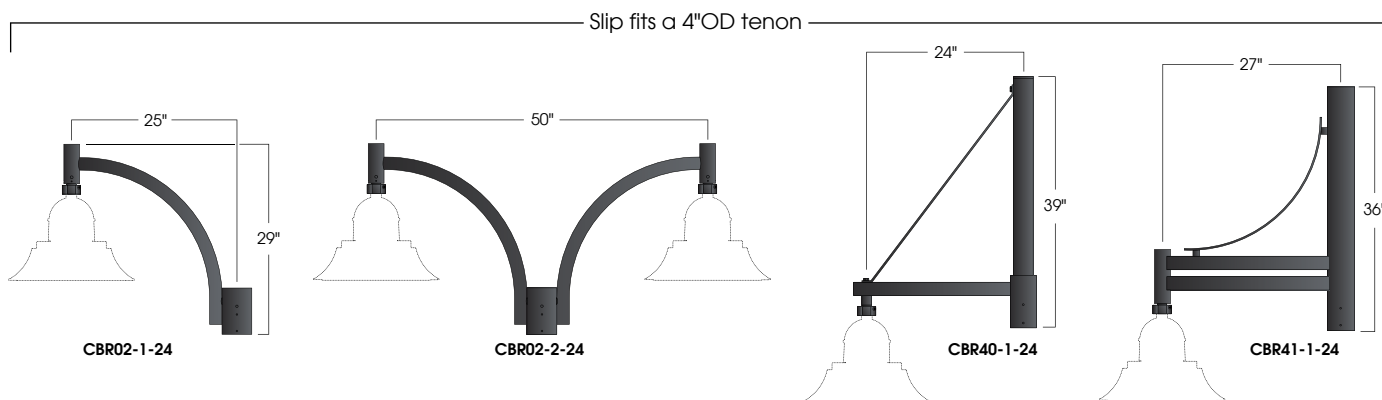
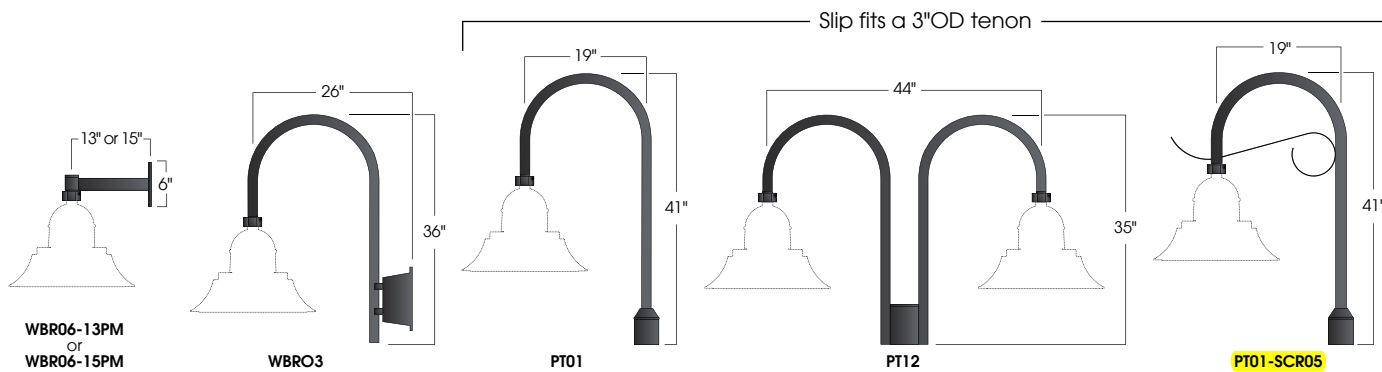


**DPS-X/T3/3H**  
Scale: 1 Unit = 12 Ft.  
Mounting Height = 12.00 Ft



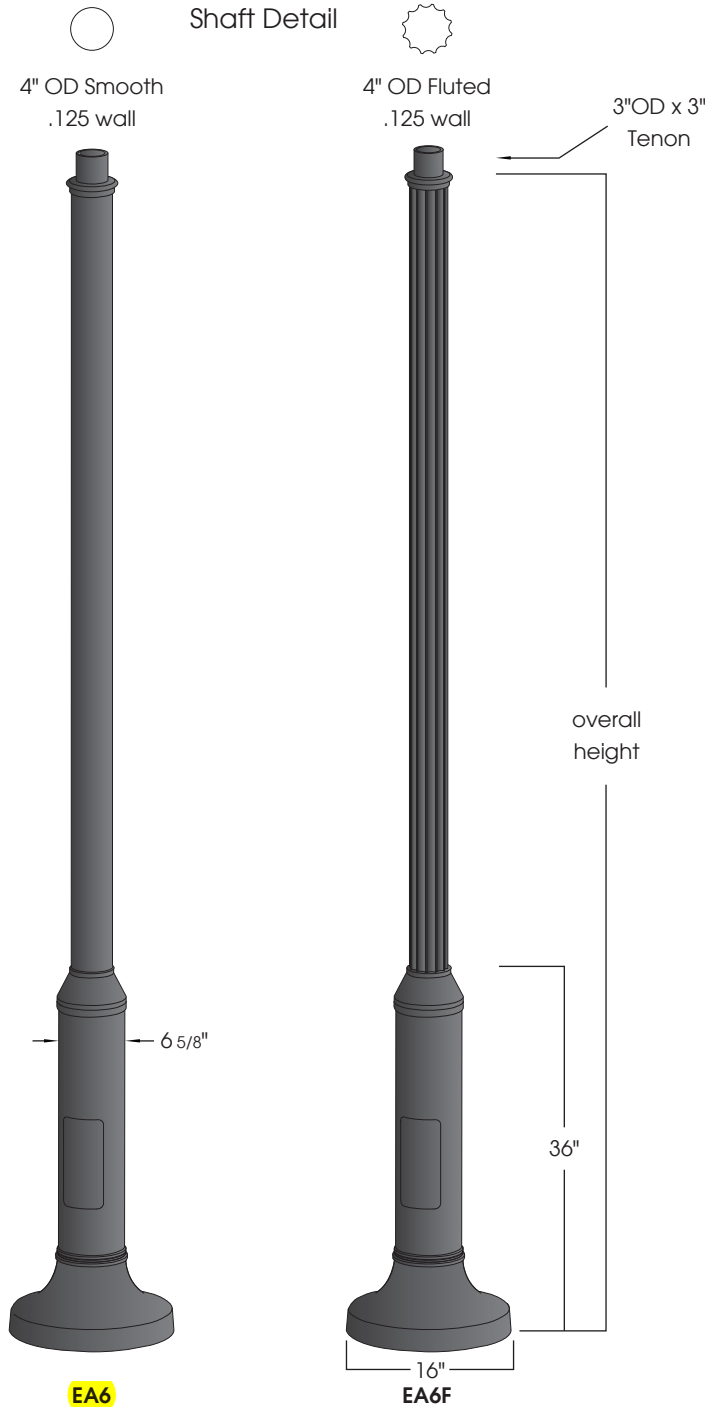
**DPS-X/T5/3H**  
Scale: 1 Unit = 12 Ft.  
Mounting Height = 12.00 Ft

**Mounting Options**



# Summerkemp Series

U.9.5.13



**Features:**

Aluminum base is a contemporary combination of cast and extruded components. 16" OD two piece cast cover conceals anchor bolts.

Choice of extruded shafts (.125 wall)

- 4" OD smooth round
- 4" OD fluted (12 flat flutes)

Extruded shaft is circumferentially welded to the base

Access door for wiring is secured with tamper resistant stainless steel screws

Ground lug provided inside base

Capable of supporting multiple light brackets

**Materials:**

Base - Combination of Cast aluminum (A319) and Extruded aluminum (6061-T6)

Shaft - Extruded Aluminum (6005-T5)

Tenon - 3"OD Cast aluminum (A319)

Anchor Bolts - Hot dipped galvanized steel included

**Finish:**

Premium quality thermoset polyester powdercoat for a durable finish in the following:

Standard:

- BLK** - Satin Black
- CLB** - Classic Bronze
- GRN** - Green
- TBK** - Textured Black

Premium:

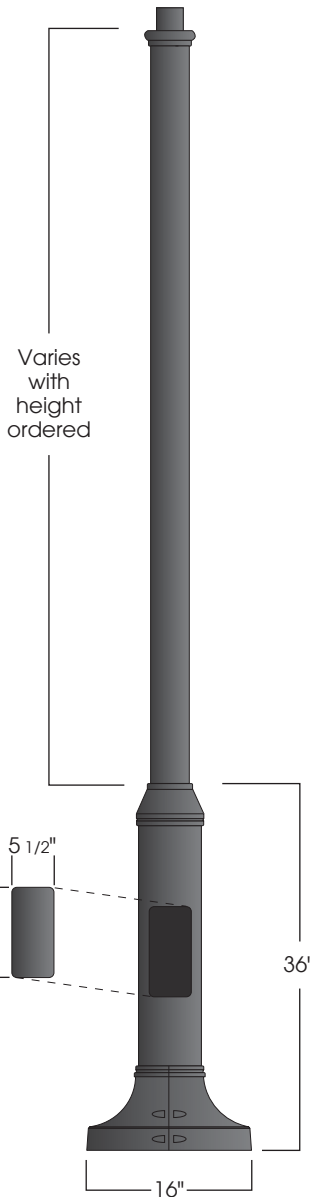
- ATC** - Antique Copper
- GTG** - Granite Green
- WHT** - White



**Part String**

Example: **EA6-08/BLK**

EA6-xx	EA6F-xx	Overall Height	Finish	Accessories
EA6-08	EA6F-08	8'-0"	ATC, BLK CLB, GRN GTG, TBK WHT	PCL GFCI LR FPH-4
EA6-10	EA6F-10	10'-0"		
<b>EA6-12</b>	EA6F-12	12'-0"		
EA6-14	EA6F-14	14'-0"		
EA6-15	EA6F-15	15'-0"		
EA6-16		16'-0"		



**Finish**

The post will be finished with an electrostatically applied thermoset polyester powder coat. Prior to finishing, the parts are thoroughly cleaned using both abrasive and chemical methods. Our powder coat finish is durable, long lasting, attractive and scratch resistant as well as environmentally friendly. We offer 7 stock finishes or hundreds of special order colors including custom matching for existing projects (stock colors shown below).

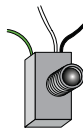
Standard solid colors are:

- GRN** - Green
- CLB** - Classic Bronze
- TBK** - Textured Black
- BLK** - Satin Black

Premium finishes are:

- GTG** - Granite Green
- ATC** - Antique Copper
- WHT** - White

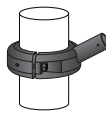
Accessories See "Accessories" section for more information



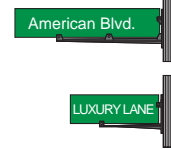
**PCL**  
Dusk to dawn photocell  
Available for 120v (PCL) or 208-277v (PCL multi).



**GFCI**  
Ground fault circuit protected duplex outlet. Available Recess mounted (GFCI-RM) as shown or surface mount (GFCI-SM).



**FPH-4**  
Extruded aluminum holder for 1" OD flag poles. Available for 4" OD non-tapered pole.



**Street Signage**  
Several mounting options and custom signs available. See guide in accessories section.

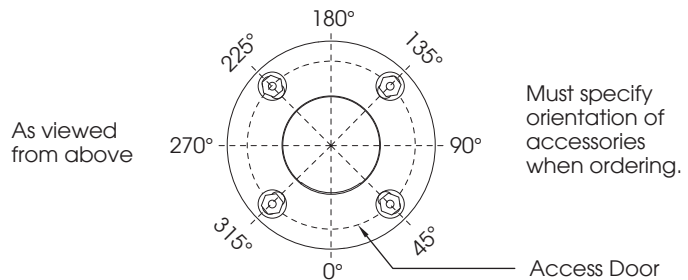


**LR**  
Cast aluminum decorative ladder rest. Slip fits 3" o.d. pole or tenon (not designed to support ladder).



**Banner Arms**  
Field rotatable or fixed location banner arms.

**Accessory Orientation Guide**



**Anchor Details**

