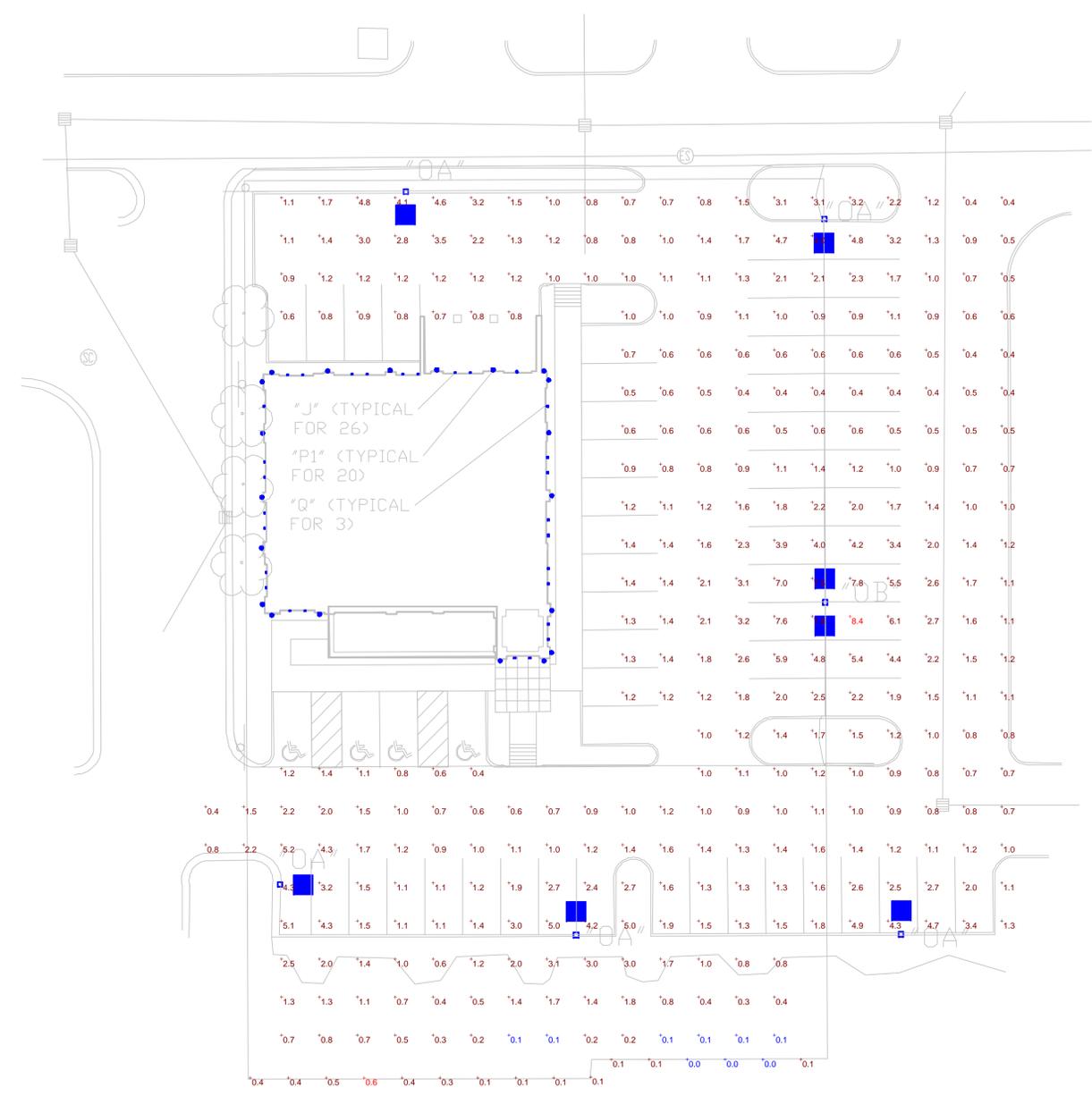


LUMINAIRE SCHEDULE									
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
■	OA	5	PTHS-3-250-PSMH-F-HSS	PATRIOT	1- 250W PSMH CLEAR U	PTHS-3-250-PSMH-F-HSS.ies	22000	0.81	291
■	OB	1	PTHS-3-250-PSMH-F	PATRIOT	2- 250W PSMH CLEAR U	PTHS-3-250-PSMH-F.ies	22000	0.81	582
■	J	26	TWS 13TT	GENERAL PURPOSE BUILDING MOUNTED LUMINAIRE, 13W TWIN TUBE COMPACT FLUORESCENT.	ONE 13-WATT TWIN TUBE COMPACT FLUORESCENT, VERTICAL BASE-UP POSITION.	TWS_13TT.ies	800	0.72	24
●	Q	3	EVO CYL 35/10 6AR LS	8" LED CYLINDER, 3500K, 1000 LUMENS, CLEAR SPECULAR REFLECTOR	LED	EVO_CYL_35_10_6AR_LS.ies	Absolute	1.00	18.4
●	P1	20	CWU8A AC DWHG SPOT	8" INCANDESCENT UPLIGHT/DOWNLIGHT SPOT, SEMI-SPECULAR LOWER REFLECTOR	15W LED UP/DOWN, 10-DEG SPOT, VERTICAL POSITION.	CWU8A_AC_DWHG_SPOT.ies	900	1.00	30

STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING LOT	+	1.6 fc	8.4 fc	0.1 fc	84.0:1	16.0:1
PROPERTY LINE	+	0.2 fc	0.6 fc	0.0 fc	N/A	N/A

LUMINAIRE LOCATIONS											
No.	Label	Location			MH	Orientation	Tilt	Aim			
		X	Y	Z				X	Y	Z	
1	P1	134.5	125.9	8.5	8.5	0.0	0.0	134.5	125.9	0.0	
2	P1	146.0	125.9	8.5	8.5	0.0	0.0	146.0	125.9	0.0	
3	P1	74.2	137.9	8.5	8.5	0.0	0.0	74.2	137.9	0.0	
4	P1	86.8	138.2	8.5	8.5	0.0	0.0	86.8	138.2	0.0	
5	J	83.0	139.1	17.5	17.5	180.0	0.0	83.0	139.1	0.0	
6	J	79.0	139.1	17.5	17.5	180.0	0.0	79.0	139.1	0.0	
7	OA	76.3	67.1	25.0	25.0	90.0	0.0	77.6	67.1	0.0	
8	OA	154.5	53.9	25.0	25.0	0.0	0.0	154.5	55.2	0.0	
9	J	147.2	135.6	17.5	17.5	90.0	0.0	147.2	135.6	0.0	
10	J	147.2	131.6	17.5	17.5	90.0	0.0	147.2	131.6	0.0	
11	P1	148.0	128.1	8.5	8.5	0.0	0.0	148.0	128.1	0.0	
12	P1	148.1	139.2	8.5	8.5	0.0	0.0	148.1	139.2	0.0	
13	J	147.2	150.2	17.5	17.5	90.0	0.0	147.2	150.2	0.0	
14	J	147.2	146.2	17.5	17.5	90.0	0.0	147.2	146.2	0.0	
15	J	147.2	158.9	17.5	17.5	90.0	0.0	147.2	158.9	0.0	
16	J	147.2	162.9	17.5	17.5	90.0	0.0	147.2	162.9	0.0	
17	P1	148.1	169.3	8.5	8.5	0.0	0.0	148.1	169.3	0.0	
18	P1	74.2	201.7	8.5	8.5	0.0	0.0	74.2	201.7	0.0	
19	P1	71.8	140.8	8.5	8.5	0.0	0.0	71.8	140.8	0.0	
20	P1	71.6	168.9	8.5	8.5	0.0	0.0	71.6	168.9	0.0	
21	P1	71.5	155.6	8.5	8.5	0.0	0.0	71.5	155.6	0.0	
22	P1	71.7	199.2	8.5	8.5	0.0	0.0	71.7	199.2	0.0	
23	P1	71.8	185.7	8.5	8.5	0.0	0.0	71.8	185.7	0.0	
24	Q	72.2	192.8	8.5	8.5	0.0	0.0	72.2	192.8	0.0	
25	J	72.7	145.1	17.5	17.5	-90.0	0.0	72.7	145.1	0.0	
26	J	72.7	149.1	17.5	17.5	-90.0	0.0	72.7	149.1	0.0	
27	J	72.3	160.7	17.5	17.5	-90.0	0.0	72.3	160.7	0.0	
28	J	72.3	164.7	17.5	17.5	-90.0	0.0	72.3	164.7	0.0	
29	J	72.3	174.3	17.5	17.5	-90.0	0.0	72.3	174.3	0.0	
30	J	72.3	178.3	17.5	17.5	-90.0	0.0	72.3	178.3	0.0	
31	Q	146.9	192.8	8.5	8.5	0.0	0.0	146.9	192.8	0.0	
32	Q	138.9	201.9	8.5	8.5	0.0	0.0	138.9	201.9	0.0	
33	J	78.4	201.1	17.5	17.5	0.0	0.0	78.4	201.1	0.0	
34	J	82.4	201.1	17.5	17.5	0.0	0.0	82.4	201.1	0.0	
35	P1	89.0	202.1	8.5	8.5	0.0	0.0	89.0	202.1	0.0	
36	P1	105.4	202.2	8.5	8.5	0.0	0.0	105.4	202.2	0.0	
37	P1	117.8	202.4	8.5	8.5	0.0	0.0	117.8	202.4	0.0	
38	P1	132.6	202.4	8.5	8.5	0.0	0.0	132.6	202.4	0.0	
39	P1	146.0	202.1	8.5	8.5	0.0	0.0	146.0	202.1	0.0	
40	J	95.4	201.3	17.5	17.5	0.0	0.0	95.4	201.3	0.0	
41	J	99.4	201.3	17.5	17.5	0.0	0.0	99.4	201.3	0.0	
42	J	108.8	201.3	17.5	17.5	0.0	0.0	108.8	201.3	0.0	
43	J	112.8	201.3	17.5	17.5	0.0	0.0	112.8	201.3	0.0	
44	J	122.6	201.7	17.5	17.5	0.0	0.0	122.6	201.7	0.0	
45	J	126.6	201.7	17.5	17.5	0.0	0.0	126.6	201.7	0.0	
46	P1	147.3	185.9	8.5	8.5	0.0	0.0	147.3	185.9	0.0	
47	P1	147.3	199.7	8.5	8.5	0.0	0.0	147.3	199.7	0.0	
48	J	147.0	175.4	17.5	17.5	90.0	0.0	147.0	175.4	0.0	
49	J	147.0	179.4	17.5	17.5	90.0	0.0	147.0	179.4	0.0	
50	OA	109.6	249.3	25.0	25.0	180.0	0.0	109.6	248.0	0.0	
51	OA	220.0	242.0	25.0	25.0	180.0	0.0	220.0	240.8	0.0	
52	OB	220.2	141.3	25.0	25.0	180.0	0.0				
53	OA	240.2	54.1	25.0	25.0	0.0	0.0	240.2	55.3	0.0	
54	J	142.3	126.7	17.5	17.5	180.0	0.0	142.3	126.7	0.0	
55	J	138.3	126.7	17.5	17.5	180.0	0.0	138.3	126.7	0.0	



Plan View
Scale 1" = 20'



BAGGER DAVE'S
WESTFIELD, INDIANA
EXTERIOR LIGHTING PHOTOMETRICS

Designer

J.K.

Date

SEPTEMBER 09, 2013

Scale

AS NOTED

Drawing No.

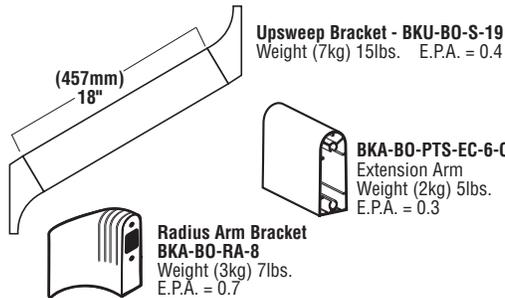
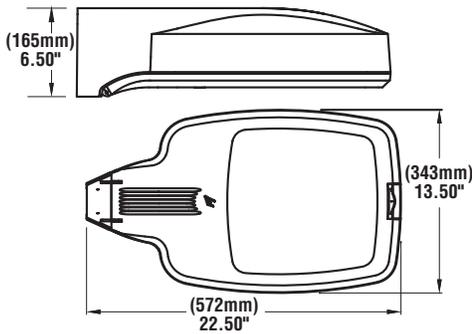
PATRIOT SMALL (Various reflectors are protected by U.S. Patent No. 6,464,378.)



Flat-lensed fixtures meet IESNA full cutoff classification



DIMENSIONS



		Flat Glass
	Single	1.1
	D180°	2.1
	D90°	1.6
	T90°	2.7
	TN120°	2.8
	Q90°	3.2

Note: House Side Shield adds to fixture EPA. Consult factory.

HOUSING - One-piece, die-cast aluminum in a multi-radiused, rectangular shape with mounting arm cast in as an integral part of the housing. All hardware is stainless steel or electro-zinc plated steel.

DOOR FRAME - The Patriot Small has a one-piece, die-cast aluminum door frame which secures to the housing with a hinge bracket. An integral over-center latch allows easy tool-less access. Door frame may then be easily removed from housing. Door is provided with a catch mechanism that limits door swing. A one-piece extruded silicone gasket seals the door frame against the housing. The standard housing/door seal design prevents external contaminants from entering the fixture.

LENS/GASKET - The Patriot Small is available with a tempered flat clear glass lens. A one-piece extruded silicone gasket seals the lens to the die-cast aluminum door frame.

SOCKETS - Porcelain medium-base sockets are supplied on fixtures 150 watt HID and below. Porcelain mogul-base sockets are supplied on 175, 250, and 320 watt HID fixtures. All HID sockets are factory prewired with a disconnect plug for the ballast, and are pulse-rated.

LIGHT SOURCES - Pulse-Start Metal Halide, Ceramic Metal Halide, Metal Halide, and High Pressure Sodium lamps. A clear lamp is supplied as standard.

BALLASTS - HID high-power factor ballasts, designed for -20°F operation. Optional HID Quick Connect package includes supply wiring plus modular plugs for easy ballast wiring and a removable ballast tray.

REFLECTORS/DISTRIBUTION PATTERNS - The Patriot Small is available with a wide variety of reflectors, including Type II (2), Type III (3), Type V (5), and Forward Throw (FT). All reflectors are field-rotatable, enabling generous flexibility in distribution patterns, without fixture movement. Photometric data is tested in accordance with IESNA guidelines.

BRACKETS - Use with 5" traditional drilling pattern. The integral cast mounting arm is flat, for square pole applications. The fixture may also be mounted to round poles using the round pole adaptor accessory (RPPC), which must be ordered separately. An extruded 6" arm extension is available (but not required) for D90°, Q90°, T90° and TN120° fixture configurations. A locking nut secures two through bolts and a reinforcing plate to the pole, stabilizing it for easy fixture mounting.

SHIELDING - External House Side Shields are available for field installation with Types 2, 3, and FT distributions.

FINISHES - Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, white, satin verde green, platinum plus, graphite and metallic silver.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.



IP65*

* Lamp Compartment Only



ARRA
Funding Compliant

Catalog Number	Est. Weight (kg/lbs.)	Length (mm/in.)	Width (mm/in.)	Height (mm/in.)
PTHS	13.2/29	622/24-1/2	394/15-1/2	203/8



Project Name _____ Fixture Type _____
 Catalog # _____

12/06/11

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LSI INDUSTRIES INC.

PATRIOT SMALL

LUMINAIRE ORDERING INFORMATION



PTHS-3-250-PSMH-F-MT-HSS

TYPICAL ORDER EXAMPLE: ~~PTHS 5 175 PSMH F MT MSV PCI120~~

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage	Luminaire Finish	Options
Horizontal Burn PTHS	2-Type II 3-Type II FT- Forward Throw 5 - Type V	100 150 175 250 320	PSMH - Pulse-Start Metal Halide 175, 250, 320 Watt CMH - Ceramic Metal Halide 150 Watt MH - Metal Halide 100, 150 Watt HPS - High Pressure Sodium 100, 150 Watt	F - Flat Clear Tempered Glass	480 MT - Multi Tap TT - Tri-Tap Consult Factory for International Voltages	BRZ - Bronze BLK - Black PLP - Platinum Plus WHT - White SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver	PCI120 - Button Type Photocell PCI208 - Button Type Photocell PCI240 - Button Type Photocell PCI277 - Button Type Photocell PCI347 - Button Type Photocell QC - Quick Connect Package ¹ LL - Less Lamp
<p>MT - Multi Tap consists of 120V, 208V, 240V and 277V and is prepared for highest voltage. Alternate voltages will require field adjustment.</p> <p>TT - Tri-Tap consists of 120V, 277V and 347V and is shipped standard for Canadian applications and is prepared for highest voltage. Alternate voltages will require field adjustment.</p>					<p>AS SELECTED BY OWNER</p>		

FOOTNOTES:

1- Quick Connect option includes removable ballast tray and modular plugs. Available on 100 through 175 watt HID fixtures only.

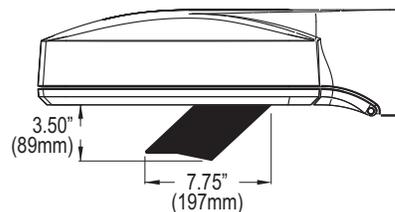
ACCESSORY ORDERING INFORMATION		(Accessories are field installed)	
Description	Order Number	Description	Order Number
FK120 - Single Fusing	FK120+	RPPC - Round Pole Plate	141940CLR
FK277 - Single Fusing	FK277+	BKS-BO-PTS-WM-* - CLR Wall Mount Plate	263230CLR
DFK208, 240 - Double Fusing	DFK208, 240+	BKA-BO-PTS-EC-6-CLR Extension Arm	263228CLR
DFK480 - Double Fusing	DFK480+	BKA-BO-RA-8-CLR Radius Arm	169010CLR
FK347 - Single Fusing	FK347+	BKU-BO-S-19-CLR Upsweep Bracket for round and square poles	144191CLR
PTHS PLS - Polycarbonate Shield	263016	+Fusing must be located in the hand-hole of the pole.	
PTHS 2/3/FT HSS - External House Side Shield	263017BLK++	++ Black only.	



UPSWEEP BRACKET

HOUSE SIDE SHIELD

TYPE II, III & FORWARD THROW (263017BLK)

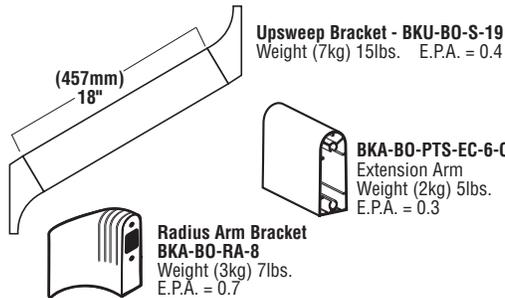
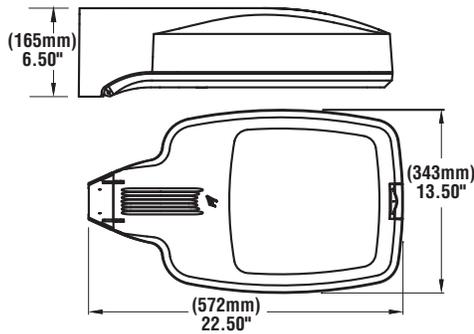


PATRIOT SMALL (Various reflectors are protected by U.S. Patent No. 6,464,378.)



Flat-lensed fixtures meet IESNA full cutoff classification


DIMENSIONS



LUMINAIRE EPA CHART - Patriot Small		Flat Glass
	Single	1.1
	D180°	2.1
	D90°	1.6
	T90°	2.7
	TN120°	2.8
	Q90°	3.2

Note: House Side Shield adds to fixture EPA. Consult factory.

HOUSING - One-piece, die-cast aluminum in a multi-radiused, rectangular shape with mounting arm cast in as an integral part of the housing. All hardware is stainless steel or electro-zinc plated steel.

DOOR FRAME - The Patriot Small has a one-piece, die-cast aluminum door frame which secures to the housing with a hinge bracket. An integral over-center latch allows easy tool-less access. Door frame may then be easily removed from housing. Door is provided with a catch mechanism that limits door swing. A one-piece extruded silicone gasket seals the door frame against the housing. The standard housing/door seal design prevents external contaminants from entering the fixture.

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SOCKETS - Porcelain medium-base sockets are supplied on fixtures 150 watt HID and below. Porcelain mogul-base sockets are supplied on 175, 250, and 320 watt HID fixtures. All HID sockets are factory prewired with a disconnect plug for the ballast, and are pulse-rated.

LIGHT SOURCES - Pulse-Start Metal Halide, Ceramic Metal Halide, Metal Halide, and High Pressure Sodium lamps. A clear lamp is supplied as standard.

BALLASTS - HID high-power factor ballasts, designed for -20°F operation. Optional HID Quick Connect package includes supply wiring plus modular plugs for easy ballast wiring and a removable ballast tray.

REFLECTORS/DISTRIBUTION PATTERNS -

The Patriot Small is available with a wide variety of reflectors, including Type II (2), Type III (3), Type V (5), and Forward Throw (FT). All reflectors are field-rotatable, enabling generous flexibility in distribution patterns, without fixture movement. Photometric data is tested in accordance with IESNA guidelines.

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SHIELDING - External House Side Shields are available for field installation with Types 2, 3, and FT distributions.

FINISHES - Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, white, satin verde green, platinum plus, graphite and metallic silver.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.



IP65*

* Lamp Compartment Only



ARRA
 Funding Compliant

SHIPPING WEIGHTS - Patriot Small				
Catalog Number	Est. Weight (kg/lbs.)	Length (mm/in.)	Width (mm/in.)	Height (mm/in.)
PTHS	13.2/29	622/24-1/2	394/15-1/2	203/8



Project Name _____ Fixture Type _____
 Catalog # _____

12/06/11

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 LSI INDUSTRIES INC.

PATRIOT SMALL

LUMINAIRE ORDERING INFORMATION



PTHS-3-250-F-MT

TYPICAL ORDER EXAMPLE: ~~PTHS 5 175 PSMH F MT MSV PCI120~~

Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage	Luminaire Finish	Options
Horizontal Burn PTHS	2-Type II 3-Type II FT- Forward Throw 5 - Type V	100 150 175 250 320	PSMH - Pulse-Start Metal Halide 175, 250, 320 Watt CMH - Ceramic Metal Halide 150 Watt MH - Metal Halide 100, 150 Watt HPS - High Pressure Sodium 100, 150 Watt	F - Flat Clear Tempered Glass	480 MT - Multi Tap TT - Tri-Tap Consult Factory for International Voltages	BRZ - Bronze BLK - Black PLP - Platinum Plus WHT - White SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver AS SELECTED BY OWNER	PCI120 - Button Type Photocell PCI208 - Button Type Photocell PCI240 - Button Type Photocell PCI277 - Button Type Photocell PCI347 - Button Type Photocell QC - Quick Connect Package ¹ LL - Less Lamp
<p>MT - Multi Tap consists of 120V, 208V, 240V and 277V and is prepared for highest voltage. Alternate voltages will require field adjustment.</p> <p>TT - Tri-Tap consists of 120V, 277V and 347V and is shipped standard for Canadian applications and is prepared for highest voltage. Alternate voltages will require field adjustment.</p>							

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ACCESSORY ORDERING INFORMATION		(Accessories are field installed)	
Description	Order Number	Description	Order Number
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FK277 - Single Fusing	FK277+	BKS-BO-PTS-WM-* - CLR Wall Mount Plate	263230CLR
DFK208, 240 - Double Fusing	DFK208, 240+	BKA-BO-PTS-EC-6-CLR Extension Arm	263228CLR
DFK480 - Double Fusing	DFK480+	BKA-BO-RA-8-CLR Radius Arm	169010CLR
FK347 - Single Fusing	FK347+	BKU-BO-S-19-CLR Upsweep Bracket for round and square poles	144191CLR
PTHS PLS - Polycarbonate Shield	263016	+Fusing must be located in the hand-hole of the pole.	
PTHS 2/3/FT HSS - External House Side Shield	263017BLK++	++ Black only.	



UPSWEEP BRACKET

HOUSE SIDE SHIELD

TYPE II, III & FORWARD THROW (263017BLK)

