TAPS SQAURE FLAT BOLLARDS

Project:	
Type:	
Catalog #:	

BUY AMERICAN ACT COMPLIANT

The TAPS Bollards with choice of optics are designed to replace HID lighting systems up to 70w MH or HPS. These fixtures are ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities.

Specifications and Features: Housing:
Extruded Aluminum Housing with Flush Mounting Base & Vandal-Resistant Screws, Flat Top, Internal Ballast Tray for Easy Maintenance. Bollards Can Be Cut to Custom Lengths Upon Request.

Listing & Ratings:
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP65 Sealed LED Compartment.

Finish:
Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Style:
IES Type III or V Clear Prismatic Borosilicate Glass Refractor, Specially Designed Aluminum Cone Reflector or Internal Louvers

Lens:
Clear Polycarbonate Vandal-Resistant Lens

Mounting Options:
Mounting Kit with 8 Anchor Bolts, Included.

EasyLED LED:
Aluminum Boards

Wattage:
Array: 14.5w, System: 17w; (70w HID Equivalent)

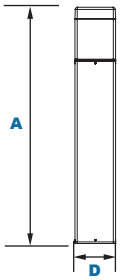
Driver:
Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Warranty:
5-Year Warranty for -40°C to +40°C Environment.

IES Type III & V Glass

LED Cone Reflector

Square Louvers

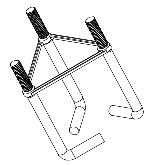


Dimensions	
Length (D)	7″ (177mm)
Height (A)	41⅜″ (1,051mm)

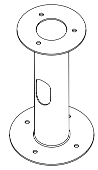
Order Information

Model	Optics	Wattage	Driver	CCT	Color	Height	Options
TAPS1 =Square Flat Bollard with IES Type III Glass **TAPS2** =Square Flat Bollard with IES Type V Glass **TAPS3** =Square Flat Bollard with LED Cone Reflector **TAPS4** =Square Flat Bollard with Square	**C**=Type III **F**=Wide Beam Spread	**15**=15w	**U**=120-277V **C**=347V	**3K**=3000K **4K**=4000K **5K**=5000K	**Z**=Bronze **B**=Black **C**=Custom (Consult Factory)	**(Leave Blank)**= 42" Standard Height **36**=36" Height **30**=30" Height	**SF**=Single Fuse **DF**=Double Fuse **SP**=Surge Protection **GF1**=GFCI Outlet, 15A, 120V **BU**=Battery Backup, 90 Minutes

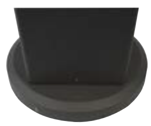
Accessories & Replacement Parts:



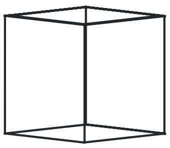
BOLAN



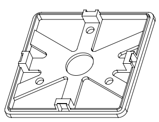
BOLRM



BREBASE*



BOLPCS



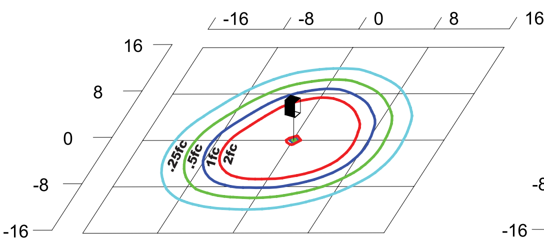
BOSEBASE

***Shown Mounted**

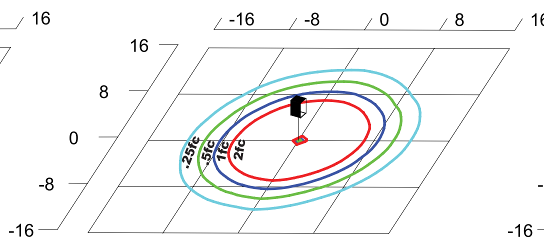
Mounting Accessories (Order Separately, Field Installed)	
BOLAN4	Mounting Kit, Includes Bracket & Three (3) 4″ Anchor Bolts
BOLAN8	Mounting Kit, Includes Bracket & Three (3) 8″ Anchor Bolts
BOLAN12	Mounting Kit, Includes Bracket & Three (3) 12″ Anchor Bolts
BOLAN15	Mounting Kit, Includes Bracket & Three (3) 15″ Anchor Bolts
BOLRM	Root Mount Kit
BREBASE*	Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPG Bollards. Die Cast with Powdercoat Finish, Hardware Included. 11½″ Dia. x 1½″ H
*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)	

Replacement Parts (Order Separately, Field Installed)	
BOLPCS	Replacement Square Polycarbonate Vandal-Resistant Lens
BOSBASE*	Die Cast Base Plate with Powdercoat Finish Over a Chromate Conversion Coating.
*Specify Color: Z=Bronze, B=Black	
For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.	

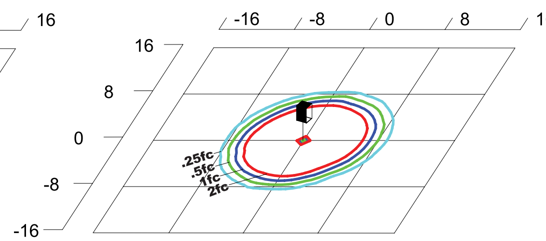
Photometric Data



TAPSF1X15U5K Type V Grid in feet, Mounting Height = 3.5 ft.



TAPSF1X15U5K Type V Grid in feet, Mounting Height = 3.5 ft.



TAPSF1X15U5K Type V Grid in feet, Mounting Height = 3.5 ft.

Photometric Performance

				5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
15w	116	17	BOSFG3 Type III Glass	1,152	68	1	3	1	1,106	65	1	3	1	1,018	60	1	3	1
			BOSFG5 Type V Glass	1,125	66	1	3	1	1,080	64	1	3	1	905	53	1	3	1
			BOSFRL Cone Reflector	1,519	89	1	3	1	1,458	86	1	3	1	1,225	72	1	3	1
			BOSFRL Type III Optic	1,081	64	0	3	1	989	58	0	2	1	918	54	0	2	1

Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	17	1.00	0.95	0.90	0.80	147,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	17	1.00	0.89	0.78	0.55	67,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	17	1.00	0.92	0.85	0.70	66,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.