

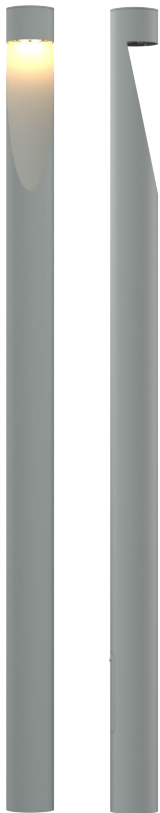
DESCRIPTION

The BISHOP illuminating column features a unique contoured form factor with fully shielded optics to provide exceptionally uniform illumination in Type II, III, and IV distributions. The column is available in pedestrian-scale heights of 10', 12', or 14' to meet varying scale requirements and may be paired with the complementary illuminating bollard for cohesive site design aesthetics. Fabricated from 6061-T6 aluminum, the column design uses concealed anchor bolts and minimized hardware for understated styling. The BISHOP column is suitable for use in LEED zones 1 through 4. All hardware is stainless steel.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____



ORDERING INFORMATION

LUMINAIRE										
MODEL	MOUNTING	HEIGHT	OUTPUT	CCT	CONTROL	VOLTAGE	DISTRIBUTION	OPTICS	FINISH	OPTION
BSP180 Bishop 180	IF Internal Flange	10 10' Round Straight Column	SO Standard Output	30K 3000K¹	DIM 0-10v Dimming	UNV 120-277v	T2 Type II	P Performance	BL Black	DS Duress Station
	EF External Flange	12 12' Round Straight Column		40K 4000K			T3 Type III	C Comfort	DB Dark Bronze	TVSS20 20KV Surge Suppressor
		14 14' Round Straight Column					T4 Type IV		DG Dark Grey	
Custom options are available; consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.									GG Graphite Grey	GFCI- GFCI Receptacle: Specify Using Ordering Information Below.
									SG Silver Grey	
									CC Custom RAL Color	

Custom options are available; consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

¹DarkSky Approved when ordered in Standard Output and 3000K. Amber is also available.

MOUNTING KIT (Required, Ordered Separately)		GFCI - ADD GFCI CATALOG NUMBER TO ACCESSORY PORTION OF LUMINAIRE CATALOG NUMBER.		
BSP180-IF-MK	RECEPTACLE/BOX	RECEPTACLE TYPE	MOUNTING	
Mounting Kit for Bishop Column with Internal Flange; Includes (4) ø½" x 15" x 3" Anchor Bolts and Paper Template	GFCI GFCI Receptacle Box	1 GFCI (2 GFCI Outlets)	A Semi-Recessed	
BSP180-EF-MK		2 GFCI + USB-C (2 GFCI Outlets + 2 USB-C Charging Ports)	B Surface Mount	
Mounting Kit for Bishop Column with External Flange; Includes (4) ø¾" x 17" x 3" Anchor Bolts and Paper Template		3 GFCI + USB-A + USB-C (2 GFCI Outlets + 1 USB-A + 1 USB-C Charging Ports)		

SPECIFICATIONS

HOUSING

Single piece column shaft is fabricated from round 6061 aluminum alloy tubing with T6 temper is 7.1" in diameter. Nominal wall thickness is 0.196". Overall column height may be 10', 12', or 14'. LED light engine and driver are housed in self-contained weather-proof enclosure at the top of the column. LED array is thermally managed using convection and transmission of heat through the use of an aluminum heat sink and the luminaire housing. All hardware is stainless steel.

OPTICS

LED light engine is a single LED module consisting of a field-replaceable aluminum core circuit board with four high-output LEDs and single-piece lens molded from optical quality acrylic. Light distributions include a choice of Type II, III, or IV optics in performance and comfort optics. Comfort optics utilize a proprietary coating to minimize brightness while retaining photometric control of the light distribution. The illuminating column emits zero uplight at 90 degrees horizontal and above and is suitable for use in all LEED lighting zones. Color temperature may be 3000K or 4000K.

ELECTRICAL

Integral LED driver is housed in the luminaire head. Power consumption is 36 watts at 700mA. Input voltage range is 120v - 277v AC, 50-60 Hz. LED driver shall be UL recognized. Optional 0-10v DC dimming is available on request.

LED DELIVERED LUMENS / BUG RATING

Performance Optics: 3000K

Type II: 3326 lumens / B1-U0-G1
Type III: 3148 lumens / B1-U0-G2
Type IV: 3068 lumens / B0-U0-G2

Comfort Optics: 3000K

Type II: 3100 lumens / B1-U0-G1
Type III: 2920 lumens / B1-U0-G2
Type IV: 2855 lumens / B0-U0-G2

Performance Optics: 4000K

Type II: 3606 lumens / B1-U0-G1
Type III: 3413 lumens / B1-U0-G2
Type IV: 3326 lumens / B0-U0-G2

Comfort Optics: 4000K

Type II: 3361 lumens / B1-U0-G1
Type III: 3166 lumens / B1-U0-G2
Type IV: 3095 lumens / B0-U0-G2

NOTE : Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for more current technical data.

MOUNTING

Internal flange mounting is standard. Optional external flange is available on request.

WEIGHT:

BISHOP 10' Column: 59 Pounds / BISHOP 12' Column: 69 Pounds / BISHOP 14' Column: 79 Pounds

FINISH

Standard PRIMAR® finishes are finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. Special RAL colors available on request.

CERTIFICATION

CSA/US Certification for Wet Locations
3000K, Standard Output models are Dark Sky Certified.

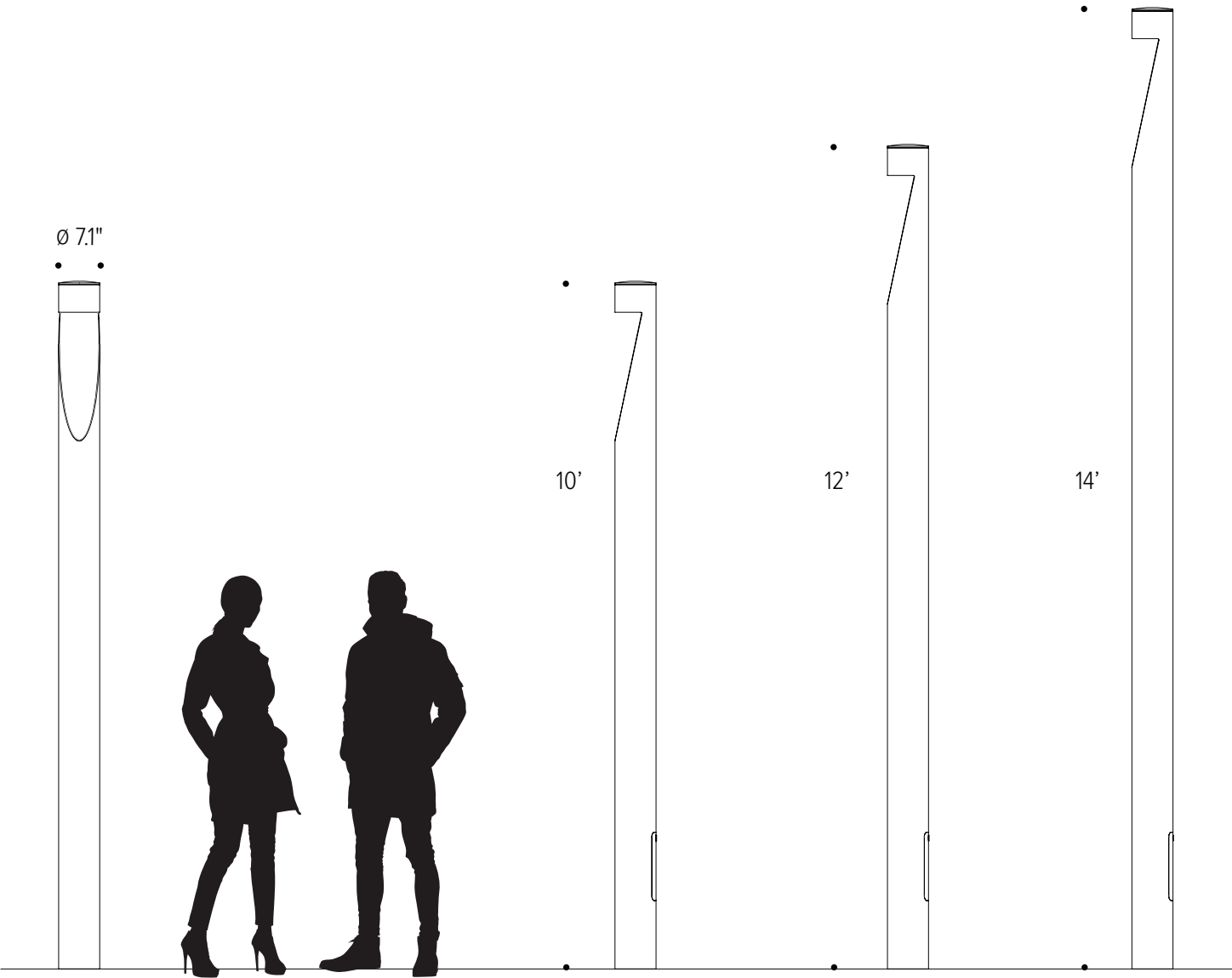
WARRANTY

Limited product warranty period including LEDs is five years. Driver shall carry the manufacturer's limited warranty.



DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

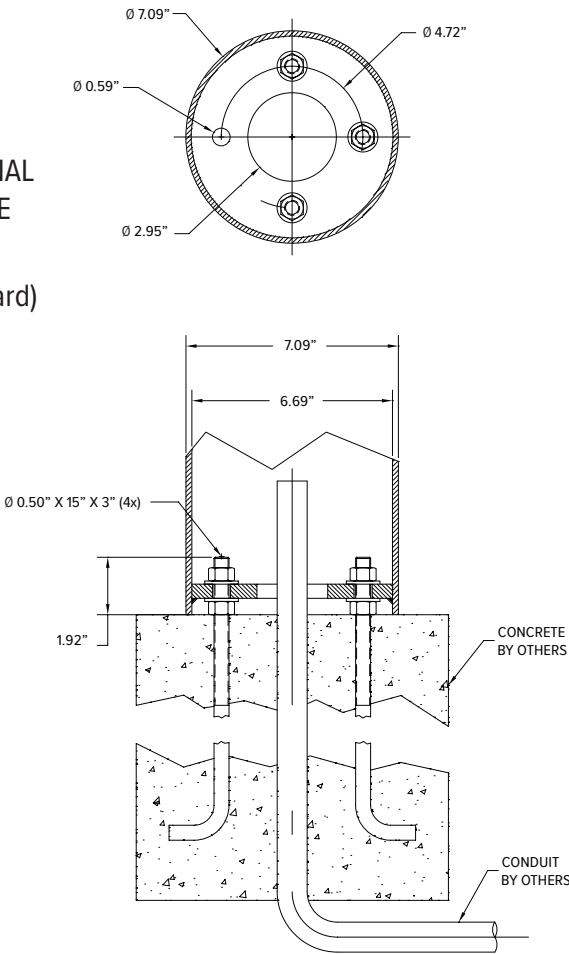


MOUNTING DETAILS

All dimensions are shown in inches unless otherwise noted.

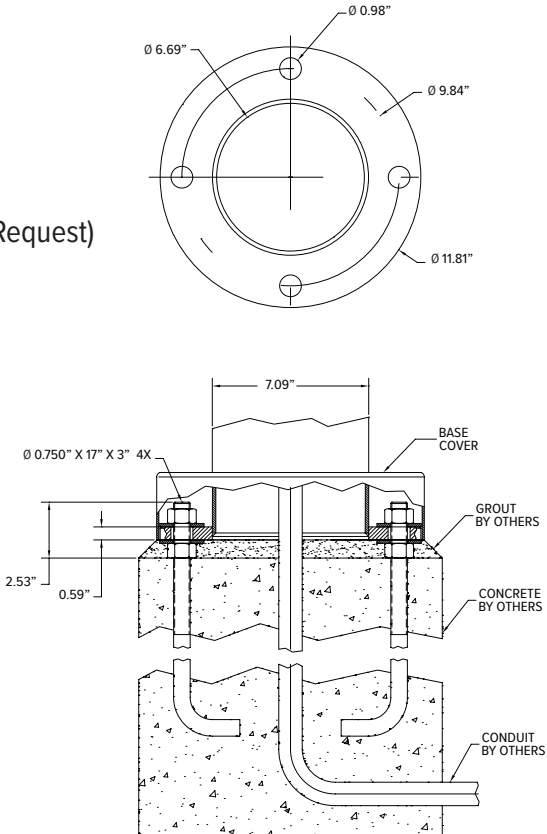
INTERNAL
FLANGE

(Standard)



EXTERNAL
FLANGE

(Option on Request)

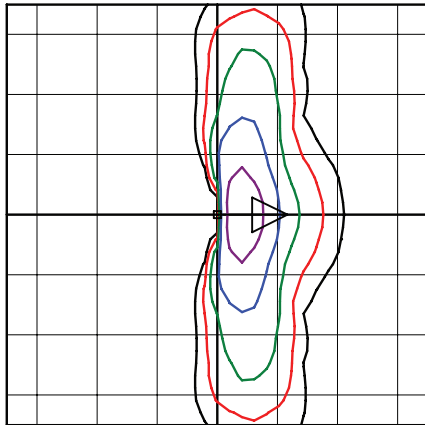


PHOTOMETRICS (3000K)
Mounting Height: 12' / Scale: Each square = 12'

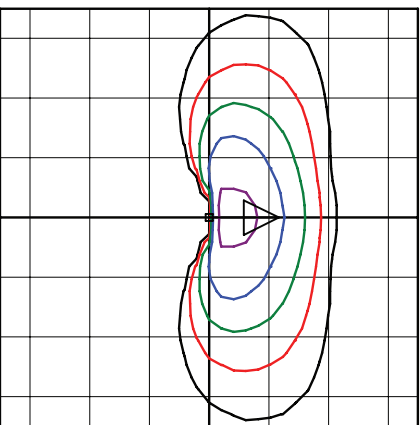
ISOLINES LEGEND:

Black	=	0.25 FC
Red	=	0.50 FC
Green	=	1.0 FC
Blue	=	2.0 FC
Purple	=	5.0 FC

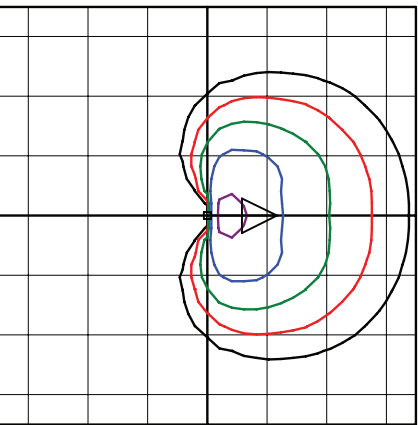
TYPE II - Standard Optics



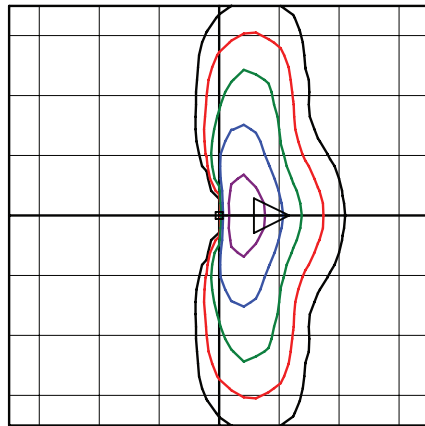
Type III - Standard Optics



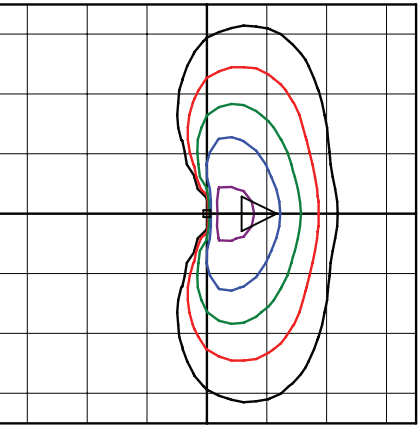
Type IV - Standard Optics



TYPE II - Comfort Optics



Type III - Comfort Optics



Type IV - Comfort Optics

