

BNSP2

ARCHITECTURAL AREA/SITE

FEATURES

- Available in 595nm, 3000K, 4000K and 5000K standard CCT
- High performance optics up to 9,264 delivered lumens
- Type 1, 2, 3, 4, 4W, 5QM distributions
- 0-10V dimming drivers standard
- Sealed optical chamber, IP66 certified



3000K and warmer CCTs only

CONTROL TECHNOLOGY

SPECIFICATIONS

CONSTRUCTION

- One piece non die-cast housing, low copper (<0.6% Cu) Aluminum Alloy with integral cooling ribs over the optical chamber and electrical compartment
- Double-thick wall with gussets on the support-arm mounting end
- Housing forms a half cylinder with 55° front face plane providing a recess to allow a flush single-latch detail
- All hardware is stainless steel or electro-zinc plated steel
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat
- Clear 1/8" thick tempered glass lens retained by eight steel clips with full silicone gasketing around the perimete
- Optional, fixture supplied with a one-piece flat, clear, UV stabilized polycarbonate, fully gasketed, replacing the standard tempered glass lens. CAUTION: Use only when vandalism is anticipated to be high. Useful life is limited by UV discoloration from sunlight. A program of regular inspection and periodic replacement is highly recommended to maintain optimum fixture performance

OPTICS

- Optical cartridge system consisting of a die cast heat sink, LED engine, TIR optics, gasket and bezel plate
- Molded silicone gasket ensures a weather-proof seal around each individual LED

OPTICS (CONTINUED)

- Features revolutionary individual LED optical control based on high performance TIR optical designs
- Optional BackLight Control for complete control of unwanted backlight.
- IP66 Optical assembly
- Type 1, 2, 3, 4, 4W, and 5QM standard distributions Custom available
- 3000K, 4000K, 5000K standard CCT. Amber and custom available
- Die-cast, low copper aluminum heat sink modules provide thermal transfer at PCB level, clear lens is standard.
- Anodized aluminum heat sink modules

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

ELECTRICAL

- Dimming range from 10% to 100% through the use of standard 0-10V interface on the programmable driver
- Modular wiring harness in the service area provides user access to the dimming circuitry
- Optional factory programmed dimming profile
- Surge protection: 10kV surge suppression
- SF for 120, 277, 347 Line volts
DF for 208, 240, 480 Line volts
- Wiring: 14GA wires rated 150°C

Bounce®



Bounce Small

RELATED PRODUCTS

Bounce Bollard

Bounce
Upgrade Kit

BNM

CONTROLS

- Standard photocell and 7 pin receptacle

CERTIFICATIONS AND LISTINGS

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- RoHS compliant
- IDA approved, 3000K and warmer CCTs only
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 6/06/2020. See Buy American Solutions

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	1,780 - 9,264
Wattage Range	47.67 - 91.24W
Efficacy Range (LPW)	33 -115 lm/W
Reported Life (Hours)	L70/>60,000
Weight	26 lbs - 11.8 Kg
EPA	1.2

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

ORDERING GUIDE

Example: BNS2-36L-615-3K7-3-UNV-BLS-A25-7-PL-4.5

CATALOG #

HOUSING

BNS2																																							
Model		Mounting		Engine		CCT		Distribution		Voltage		Finish																											
BNSP2	Bounce 20	PT	Post Top	FM	Flush Mount, for use with pole diameters from 3.375" through 5"	36L-400	400mA, 4,000 lm	36L-615	615mA, 6,000 lm	36L-800	800mA, 7,500 lm	AMB	Amber 595nm Peak	3K7	3000K, 70 CRI	4K7	4000K, 70 CRI	5K7	5000K, 70 CRI	1	Type I	2	Type II	3	Type III	4	Type IV	4W	Type IV Wide	5QM	Type V Square	UNV	120-277V	347	347V	480	480V	BLS	Black Gloss Smooth
																																						BLT	Black Matte Textured
																																						DBS	Dark Bronze Gloss Smooth
																																						DBT	Dark Bronze Matte Textured
																																						GTT	Graphite Matte Textured
																																						LGS	Light Grey Gloss Smooth
																																						LGT	Light Grey Matte Textured
																																						PSS	Platinum Silver Gloss Smooth
																																						VGT	Verde Green Matte Textured
																																						WHS	White Gloss Smooth
WHT	White Matte Textured																																						
		Color Option																																					
		CC		Custom Color ²																																			

Control Options		Fuse Options		Lens Options		NFO Option		Pole Shaft Length	
PC	Button Photocell	SF	Single Fuse for 120, 277, 347 Line volts	CGL	Convex Glass Lens	BC	Backlight control available for Type III/IV. All others, consult factory.	8	8'0" & Under
7PR	7-Pin Receptacle	DF	Double Fuse for 208, 240, 480 Line volts	CP	Clear Poly Lens			10	8'1" thru 10'0"
								12	10'1" thru 12'0"
								14	12'1" thru 14'0"
								16	14'1" thru 16'0"
								20	16'1" thru 20'0"

- 1

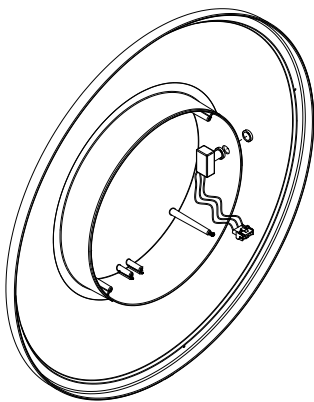
Not available with 5W distributions.
- 2

Consult factory for custom color
- 3

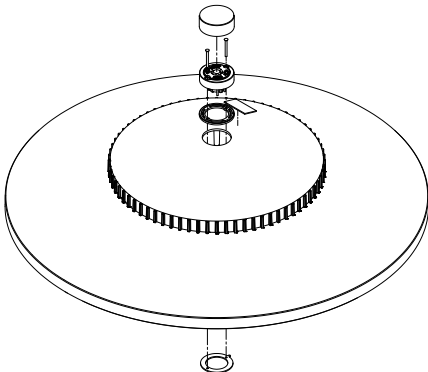
Not available with other sensor or wireless control options
- 4

Not available with 347V and 480V.
- 5

Specify group and zone at time of order. See www.hubbellighting.com/sitesync for more details. Order at least one SiteSync interface accessory SWUSB or SWTAB. Each option contains SiteSync License, GUI, and Bridge Node.



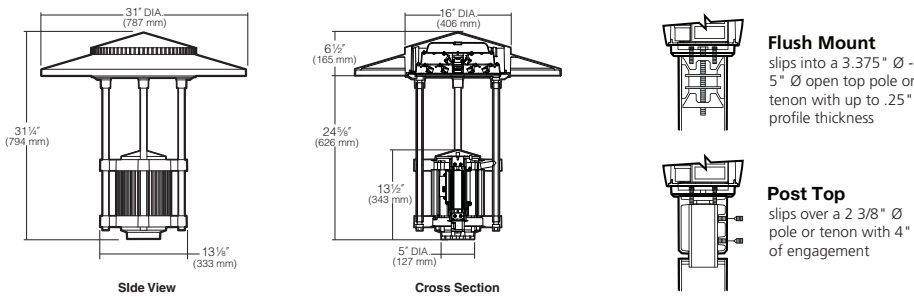
PHOTOCELL MOUNTING OPTION (PC)



7-PIN RECEPTACLE (7PR) OPTION

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DIMENSIONS



PRODUCT EXCEPTIONS & DETAILS

Configuration			EPA
	1SA	1 Arm Side Mount	0.9
	2SB	2 Arm Side Mount	1.8
	2SL	2 Arm Side Mount	1.6
	3ST	3 Arm Side Mount	2.5

Configuration			EPA
	3SY*	3 Arm Side Mount	2.5
	4SC	4 Arm Side Mount	2.46
	1W	Single Wall Mount	n/a

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

DELIVERED LUMENS

STANDARD CLEAR GIIASS LENS

LEDs #	Lumens Package	Drive Current (mA)	Nominal Watts	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
						B	U	G			B	U	G			B	U	G	
36L	4,000	400	48	1	4837	1	0	0	101.5	4935	1	0	0	103.5	4945	1	0	0	103.7
				1-BC	2383	0	0	0	50.0	2431	0	0	0	51.0	2436	0	0	0	51.1
				2	4619	1	0	1	96.9	4712	1	0	1	98.8	4722	1	0	1	99.0
				2-BC	1923	0	0	0	40.3	1962	0	0	0	41.2	1966	0	0	0	41.2
				3	4240	1	0	1	88.9	4325	1	0	1	90.7	4334	1	0	1	90.9
				3-BC	1889	0	0	0	39.6	1927	0	0	0	40.4	1931	0	0	0	40.5
				4	4755	1	0	1	99.7	4850	1	0	1	101.7	4860	1	0	1	102.0
				4-BC	2612	0	0	1	54.8	2664	0	0	1	55.9	2670	0	0	1	56.0
				4W	4352	1	0	1	91.3	4440	1	0	1	93.1	4449	1	0	1	93.3
				4W-BC	1780	0	0	0	37.3	1816	0	0	0	38.1	1820	0	0	0	38.2
				5QM	4844	2	0	0	101.6	4941	2	0	0	103.7	4951	2	0	0	103.9
	6,000	615	71	1	6673	1	0	1	94.5	6808	1	0	1	96.4	6822	1	0	1	96.6
				1-BC	3288	0	0	0	46.5	3354	0	0	0	47.5	3361	0	0	0	47.6
				2	6372	1	0	1	90.2	6500	1	0	1	92.0	6514	1	0	1	92.2
				2-BC	2653	0	0	0	37.6	2707	0	0	0	38.3	2712	0	0	0	38.4
				3	5849	1	0	1	82.8	5967	1	0	1	84.5	5979	1	0	1	84.6
				3-BC	2606	0	0	0	36.9	2659	0	0	0	37.6	2664	0	0	0	37.7
				4	6560	1	0	2	92.9	6692	1	0	2	94.7	6705	1	0	2	94.9
				4-BC	3603	0	0	1	51.0	3676	0	0	1	52.0	3683	0	0	1	52.1
				4W	6004	1	0	2	85.0	6125	1	0	2	86.7	6137	1	0	2	86.9
				4W-BC	2456	0	0	0	34.8	2505	0	0	0	35.5	2511	0	0	0	35.5
				5QM	6682	3	0	0	94.6	6817	3	0	0	96.5	6831	3	0	0	96.7
	7,500	800	91	1	8174	1	0	1	89.3	8338	1	0	1	91.1	8355	1	0	1	91.2
				1-BC	4027	0	0	0	44.0	4108	0	0	0	44.9	4116	0	0	0	45.1
				2	7805	1	0	1	85.3	7962	2	0	1	87.0	7978	2	0	1	87.0
				2-BC	3250	0	0	0	35.5	3315	0	0	0	36.2	3322	0	0	0	36.5
				3	7164	1	0	2	78.6	7308	1	0	2	80.5	7323	1	0	1	80.3
				3-BC	3192	0	0	0	34.9	3256	0	0	0	35.6	3263	0	0	0	35.9
				4	8034	1	0	2	87.8	8196	1	0	2	89.6	8212	1	0	2	88.2
				4-BC	4413	0	0	1	48.2	4502	0	0	1	49.2	4511	0	0	1	48.7
				4W	7354	1	0	2	80.4	7502	1	0	2	82.0	7517	1	0	2	82.1
				4W-BC	3008	0	0	1	32.9	3069	0	0	1	33.5	3075	0	0	1	33.8
				5QM	8184	3	0	1	89.4	8349	3	0	1	91.2	8366	3	0	1	91.2

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

DELIVERED LUMENS (CONTINUED)

CP (CLEAR POLYCARBONATE)

LEDs #	Lumens Package	Drive Current (mA)	Nominal Watts	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
						B	U	G			B	U	G			B	U	G	
36L	4,000	400	48	1	5153	1	3	0	108.1	5256	1	3	0	110.3	5267	1	3	0	110.5
				1-BC	2527	0	2	0	53.0	2578	0	2	0	54.1	2583	0	2	0	54.2
				2	4898	1	3	1	102.7	4997	1	3	1	104.8	5007	1	3	1	105.0
				2-BC	2039	0	2	0	42.8	2080	0	2	0	43.6	2084	0	2	0	43.7
				3	4498	1	3	1	94.4	4589	1	3	1	96.3	4598	1	3	1	96.5
				3-BC	2005	0	2	0	42.1	2045	0	2	0	42.9	2049	0	2	0	43.0
				4	4933	1	3	1	103.5	5032	1	3	1	105.6	5042	1	3	1	105.8
				4-BC	2725	0	2	1	57.2	2780	0	2	1	58.3	2785	0	2	1	58.4
				4W	4597	1	3	1	96.4	4689	1	3	1	98.4	4699	1	3	1	98.6
				4W-BC	1879	0	2	0	39.4	1916	0	2	0	40.2	1920	0	2	0	40.3
				5QM	5111	2	3	0	107.2	5213	2	3	0	109.4	5224	2	3	0	109.6
	6,000	615	71	1	7109	1	3	1	100.6	7252	1	3	1	102.6	7266	1	3	1	102.9
				1-BC	3487	0	3	0	49.4	3557	0	3	0	50.3	3564	0	3	0	50.4
				2	6757	1	3	1	95.6	6893	1	3	1	97.6	6907	1	3	1	97.8
				2-BC	2813	0	2	0	39.8	2869	0	2	0	40.6	2875	0	2	0	40.7
				3	6205	1	3	1	87.8	6330	1	3	1	89.6	6343	1	3	2	89.8
				3-BC	2766	0	2	0	39.1	2821	0	2	0	39.9	2827	0	2	0	40.0
				4	6805	1	3	2	96.3	6942	1	3	2	98.3	6956	1	3	2	98.5
				4-BC	3759	0	2	1	53.2	3835	0	2	1	54.3	3842	0	2	1	54.4
				4W	6342	1	3	2	89.8	6469	1	3	2	91.6	6482	1	3	2	91.8
				4W-BC	2592	0	2	0	36.7	2644	0	2	0	37.4	2649	0	2	0	37.5
				5QM	7050	3	3	1	99.8	7192	3	3	1	101.8	7207	3	3	1	102.0
	7,500	800	91	1	8707	1	3	1	95.4	8882	1	3	1	97.3	8900	1	3	1	97.5
				1-BC	4270	0	3	0	46.8	4356	0	3	0	47.7	4365	0	3	0	47.8
				2	8276	2	3	1	90.7	8442	2	3	1	92.5	8460	2	3	1	92.7
				2-BC	3445	0	3	0	37.8	3514	0	3	0	38.5	3521	0	3	0	38.6
				3	7600	1	3	1	83.3	7753	1	3	2	85.0	7769	1	3	2	85.0
				3-BC	3387	0	2	0	37.1	3455	0	2	0	37.9	3462	0	2	0	37.9
				4	8334	1	3	2	91.3	8502	1	3	2	93.2	8519	1	3	2	91.5
				4-BC	4604	0	2	1	50.5	4697	0	2	1	51.5	4706	0	2	1	50.8
				4W	7767	1	3	2	85.1	7923	1	3	2	86.8	7940	1	3	2	87.0
				4W-BC	3174	0	2	1	34.8	3238	0	2	1	35.5	3245	0	2	1	35.6
				5QM	8184	3	0	1	89.4	8349	3	0	1	91.2	8366	3	0	1	91.2

DATE:

LOCATION:

TYPE:

PROJECT:

CATALOG #:

DELIVERED LUMENS (CONTINUED)

SAG LENS (CGL)

LEDs #	Lumens Package	Drive Current (mA)	Nominal Watts	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
					Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
						B	U	G			B	U	G			B	U	G	
36L	4,000	400	48	1	5364	1	3	1	112.5	5472	1	3	1	114.8	5483	1	3	1	115.0
				1-BC	2631	0	2	0	55.2	2684	0	2	0	56.3	2689	0	2	0	56.4
				2	5099	1	3	1	107.0	5201	1	3	1	109.1	5212	1	3	1	109.3
				2-BC	2122	0	2	0	44.5	2165	0	2	0	45.4	2169	0	2	0	45.5
				3	4682	1	3	1	98.2	4776	1	3	1	100.2	4786	1	3	1	100.4
				3-BC	2087	0	2	0	43.8	2129	0	2	0	44.7	2133	0	2	0	44.7
				4	5250	1	3	1	110.1	5355	1	3	1	112.3	5366	1	3	1	112.6
				4-BC	2868	0	2	1	60.2	2926	0	2	1	61.4	2932	0	2	1	61.5
				4W	4785	1	3	1	100.4	4881	1	3	1	102.4	4891	1	3	1	102.6
				4W-BC	1956	0	2	0	41.0	1995	0	2	0	41.8	1999	0	2	0	41.9
				5QM	5320	2	3	0	111.6	5427	2	3	0	113.8	5438	2	3	0	114.1
	6,000	615	71	1	7400	1	3	1	104.7	7548	1	3	1	106.8	7564	1	3	1	107.1
				1-BC	3629	0	3	0	51.4	3702	0	3	0	52.4	3710	0	3	0	52.5
				2	7034	1	3	1	99.6	7175	1	3	1	101.6	7190	1	3	1	101.8
				2-BC	2928	0	2	0	41.4	2987	0	2	0	42.3	2993	0	2	0	42.4
				3	6459	1	3	1	91.4	6589	1	3	1	93.3	6603	1	3	1	93.5
				3-BC	2879	0	2	0	40.7	2937	0	2	0	41.6	2943	0	2	0	41.7
				4	7242	1	3	2	102.5	7388	1	3	2	104.6	7403	1	3	2	104.8
				4-BC	3957	0	2	1	56.0	4037	0	2	1	57.1	4045	0	2	1	57.3
				4W	6601	1	3	2	93.4	6734	1	3	2	95.3	6748	1	3	2	95.5
				4W-BC	2698	0	2	0	38.2	2752	0	2	0	39.0	2758	0	2	0	39.0
				5QM	7339	3	3	1	103.9	7487	3	3	1	106.0	7502	1	0	2	106.2
	7,500	800	91	1	9063	1	3	1	99.3	9245	1	3	1	101.3	9264	1	3	1	101.5
				1-BC	4445	0	3	0	48.7	4534	0	3	0	49.7	4544	0	3	0	49.8
				2	8615	2	3	1	94.4	8788	2	3	1	96.3	8806	2	3	1	96.5
				2-BC	3586	0	3	0	39.3	3658	0	3	0	40.1	3666	0	3	0	40.2
				3	7911	1	3	2	86.7	8070	1	3	2	88.5	8087	1	3	2	88.5
				3-BC	3526	0	2	0	38.6	3597	0	2	0	39.4	3604	0	2	0	39.5
				4	8870	1	3	2	97.2	9049	1	3	2	99.2	9067	1	3	2	99.4
				4-BC	4847	0	3	1	53.1	4944	1	3	1	54.2	4954	1	3	1	54.3
				4W	8085	1	3	2	88.6	8248	1	3	2	90.4	8265	1	3	2	90.6
				4W-BC	3304	0	2	1	36.2	3371	0	2	1	36.9	3378	0	2	1	37.0
				5QM	8989	3	3	1	98.5	9169	3	3	1	100.5	9188	3	3	1	100.7

BNSP2

ARCHITECTURAL AREA/SITE

PHOTOMETRY

BNS2-36L-800-4K7-1

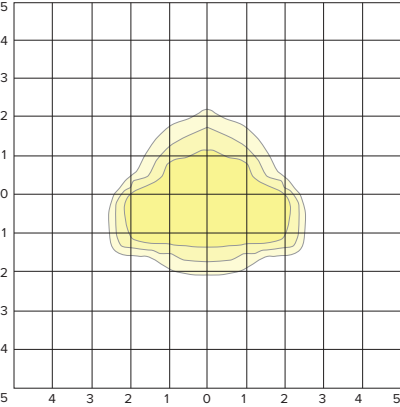
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	8338
Watts	91.24
Efficacy	91.4
IES Type	I
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	7162	85.9%
Downward House Side	1176	14.0%
Downward Total	8338	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	8338	100%

ISOFOOT CANDLE PLOT



BNS2-36L-800-4K7-1-BC

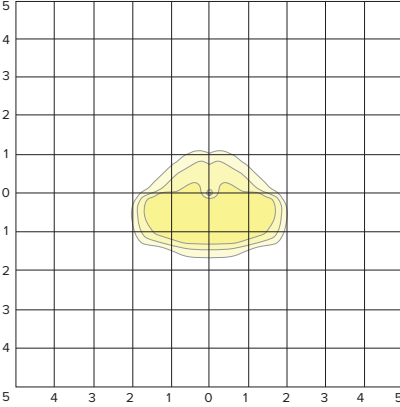
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	4107
Watts	91.24
Efficacy	45.0
IES Type	I
BUG Rating	B0-U0-G0
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	3875	94.3%
Downward House Side	232	5.7%
Downward Total	4107	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	4107	100%

ISOFOOT CANDLE PLOT



BNS2-36L-800-4K7-2

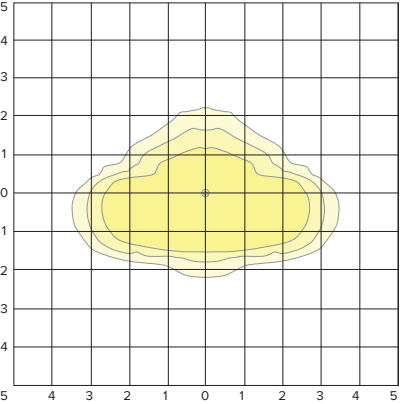
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	7962
Watts	91.24
Efficacy	87.3
IES Type	II
BUG Rating	B2-U0-G1
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6239	78.4%
Downward House Side	1724	21.6%
Downward Total	7963	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	7963	100%

ISOFOOT CANDLE PLOT



PHOTOMETRY

BNS2-36L-800-4K7-2-BC

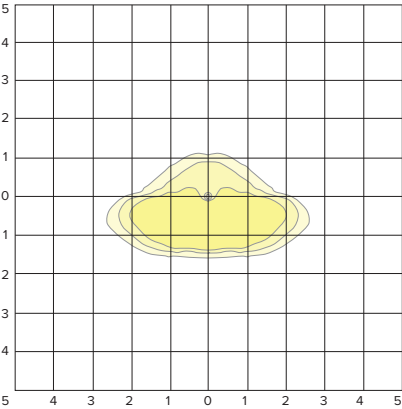
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	3315
Watts	91.24
Efficacy	36.3
IES Type	II
BUG Rating	B0-U0-G0
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	3054	92.0%
Downward House Side	261	7.9%
Downward Total	3315	99.9%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3315	100%

ISOFOOT CANDLE PLOT



BNS2-36L-800-4K7-3

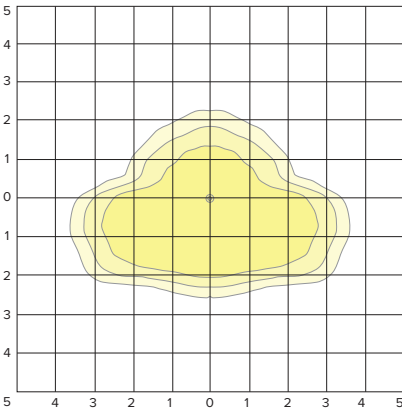
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	7308
Watts	91.24
Efficacy	80.1
IES Type	III
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	5838	79.9%
Downward House Side	1470	20.1%
Downward Total	7308	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	7308	100%

ISOFOOT CANDLE PLOT



BNS2-36L-800-4K7-3-BC

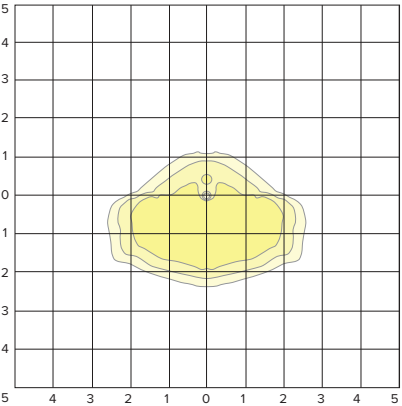
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	3257
Watts	91.24
Efficacy	35.7
IES Type	III
BUG Rating	B3-U0-G2
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2974	91.3%
Downward House Side	283	8.7%
Downward Total	3257	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3257	100%

ISOFOOT CANDLE PLOT



BNSP2

ARCHITECTURAL AREA/SITE

PHOTOMETRY

BNS2-36L-800-4K7-4

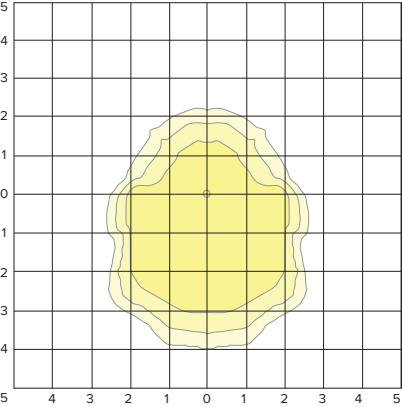
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	8196
Watts	91.24
Efficacy	89.8
IES Type	IV
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6907	84.0%
Downward House Side	1290	16.0%
Downward Total	8197	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	8197	100%

ISOFOOT CANDLE PLOT



BNS2-36L-800-4K7-4-BC

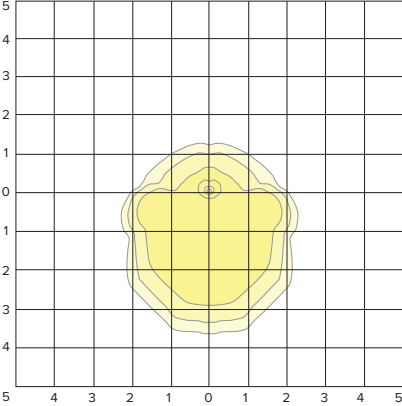
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	4502
Watts	91.24
Efficacy	49.3
IES Type	IV
BUG Rating	B0-U0-G1
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4157	92.3%
Downward House Side	346	7.7%
Downward Total	4503	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	4503	100%

ISOFOOT CANDLE PLOT



BNS2-36L-800-4K7-4W

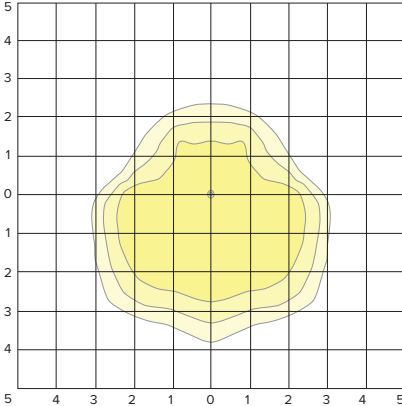
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	7502
Watts	91.24
Efficacy	82.2
IES Type	IV
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6115	81.5%
Downward House Side	1387	18.5%
Downward Total	7502	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	7502	100%

ISOFOOT CANDLE PLOT



BNSP2

ARCHITECTURAL AREA/SITE

PHOTOMETRY

BNS2-36L-800-4K7-4W-BC

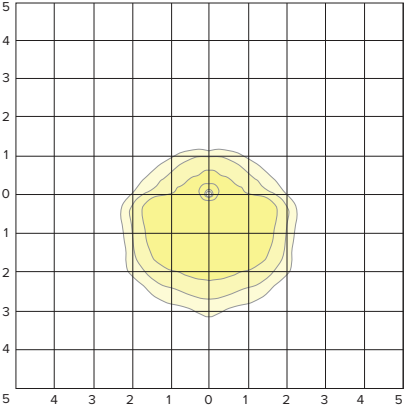
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	3069
Watts	91.24
Efficacy	33.6
IES Type	IV
BUG Rating	B0-U0-G1
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2752	89.6%
Downward House Side	317	10.4%
Downward Total	3069	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3069	100%

ISOFOOT CANDLE PLOT



BNS2-36L-800-4K7-5QM

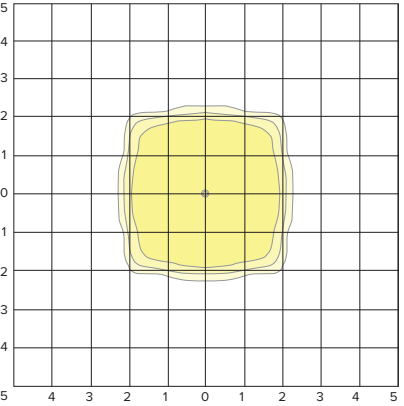
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	8349
Watts	91.24
Efficacy	91.5
IES Type	V
BUG Rating	B3-U0-G1
Mounting Height	15 ft
Grid Scale	10 ft

ZONAL LUMEN SUMMARY

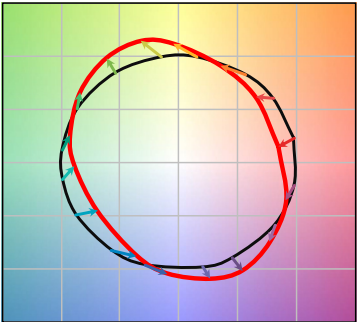
Zone	Lumens	% Luminaire
Downward Street Side	4175	50.0%
Downward House Side	4175	50.0%
Downward Total	8349	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	8349	100%

ISOFOOT CANDLE PLOT



TM-30 DATA

COLOR VECTOR GRAPHIC

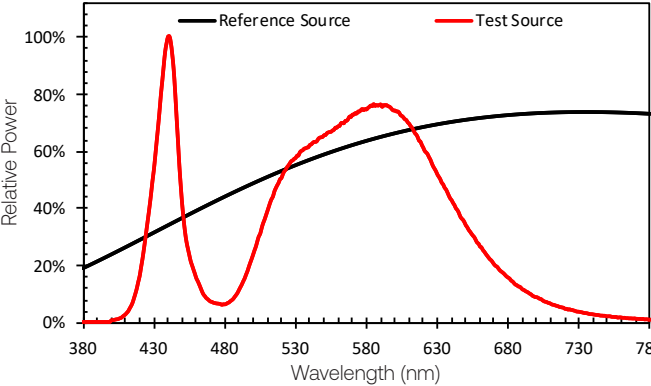


— Reference Illuminant — Test Source

TEST SOURCE

R _f	68
R _g	99
CCT(K)	3947
D _{uv}	0.0004
x	0.3831
y	0.3793
CIE R _a	72

SPECTRAL POWER DISTRIBUTION COMPARISON



ELECTRICAL DATA

Electrical Characteristics												Dimming					
Drive Current (mA)	LED Count	System Watts	Line Voltage		Amps AC						Min. Power Factor	Max THD (%)	Dimming Range	Source current out of 0-10V		Absolute voltage range on 0-10V (+)	
			VAC	Hz	120	208	240	277	347	480				Min	Max	Min	Max
400	36L	47.67	120-480	50/60	0.40	0.23	0.20	0.17	0.14	0.10	>0.9	20	10% to 100%	0mA	1mA	0V	10V
615		70.65			0.59	0.34	0.29	0.26	0.20	0.15							
800		91.24			0.76	0.44	0.38	0.33	0.26	0.19							

TM-21 Lifetime Calculation - Projected Lumen Maintenance (25°C / 77°C)						
Ambient Temp.	0	25,000	36,000	50,000	100,000	Reported L70
25°C / 77°F	100%	96.83%	95.24%	93.24%	86.46%	>60khrs

CRI Lumen Multiplier	
CCT	80 CRI
3000K	0.9119
4000K	0.8941

Amber	
CCT	Multiplier
5000K	1
AM	0.1727

* Multiple drivers used for this output, drive current listed is per driver