

Specifications

**Material:**  
Durable A356 cast aluminum and aluminum sheet metal. Hardware is stainless steel or zinc-plated steel.

**Fixture Mounting:**  
Pendant Mount: Hangs from tenon with Dual Clevis Pins.

**Drivers:**  
Universal Voltage 120-277V is standard. 0-10V dimming is standard. (Refer to Driver Specification section for other specifications.)

**Dark Sky Friendly:**  
To maintain dark sky friendly compatibility: ≤ 3000K

**Electrical:**  
A lightning surge protective device is standard (20KA<sup>3</sup> Max/10KA<sup>2</sup> Nominal). Approximately 12" of pull wire extends from luminaire. All luminaires are prewired with 0-10V dimming leads. Post Arms and Wall Mounts are also prewired with line voltage & dimming leads.

**Finish:**  
A polyester powder coat high quality finish. Marine grade finish is available.

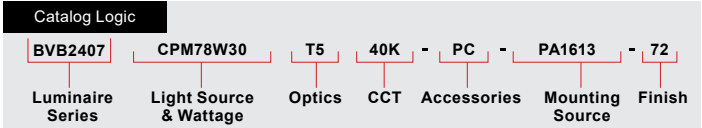
**Certifications:**  
UL Listed for outdoor, wet location. LED is IP66.

**Modifications:**  
Consult factory for custom or modified designs.

**Buy American:**  
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations. [Click here for additional information.](#)

BVB2407 LED

EPA: 1.30  
Weight: 25 lbs.



Catalog Number		1	2	3	4	5	6	7	8
BVB2407									

1	LIGHT SOURCE & WATTAGES
<b>TIR Performance Platform</b>	
CPS30W18	(30W TIR Performance Platform)
CPS39W18	(39W TIR Performance Platform, CA Title 24)
CPS46W18	(46W TIR Performance Platform)
CPM78W30	(78W TIR Performance Platform)
CPM90W36	(90W TIR Performance Platform)
CPL120W48	(120W TIR Performance Platform)
<b>Edge-Lit LED Comfort Solution*</b>	
E030LDS	(30W Small Edge-Lit LED Comfort Solution)
E039LDS	(39W Small Edge-Lit LED Comfort Solution, CA Title 24)
E050LDS	(50W Small Edge-Lit LED Comfort Solution)
E065LDS	(65W Small Edge-Lit LED Comfort Solution)
E080LDS	(80W Small Edge-Lit LED Comfort Solution)
E070LDL	(70W Large Edge-Lit LED Comfort Solution)
E080LDL	(80W Large Edge-Lit LED Comfort Solution)
E090LDL	(90W Large Edge-Lit LED Comfort Solution)
E105LDL	(105W Large Edge-Lit LED Comfort Solution)
*See LED Performance Charts for distribution type compatibility.	

2	OPTICS
T2	(Type II)
T3	(Type III)
T4	(Type IV)
T5	(Type V)

3	CCT (COLOR TEMPERATURE)
27K	(2700K)
30K	(3000K)
35K	(3500K)
40K	(4000K)
*Consult Factory for 5000K	

4	ACCESSORIES
HSS90	(90° House Side Shield)
HSS120	(120° House Side Shield)
*EMG-LED10	(10W LED Emergency Driver, See Below For Compatibility)
*EMG-LED20	(20W LED Emergency Driver, See Below For Compatibility)
*EMG-LED30	(30W LED Emergency Driver, See Below For Compatibility)
HLMSPC-06	(On/Off Motion Sensor/Photocell, High/Low field-configurable; 15' - 30' Sensor Mounting Height)
HLMSPC-10	(On/Off Motion Sensor/Photocell, High/Low field-configurable; 8' - 15' Sensor Mounting Height)
HLMSPC-FM	(High/Low Motion Sensor/Photocell, Flush Mount, integral to luminaire. 40' Max Sensor Mounting Height.)
PC	(Button Photo Cell)
TLPC	(ANSI C136.41 Twist Lock Photocell, includes receptacle and 120-277V photo cell)
TL5	(ANSI C136.41 5-Pin Twist Lock Receptacle only)
TL7	(ANSI C136.41 7-Pin Twist Lock Receptacle only)
AD	(AstroDIM™ - Night-time dimming, consult factory)
FAID	(Field Adjustable Internal Dimmer)
*Most Emergency Drivers are remote mount only (consult factory). 10W & 30W Emergency Drivers are not compatible with all LED Light Source and Wattages. For percent lumens in emergency mode, see <a href="#">Technical Section</a>	

5	MOUNTING SOURCE	
<b>Post Mount Arms</b>		<b>Wall Mount Arms</b>
PA1613		WM1763
PA1753		WM1773
PA2613		WM3003
PA3113		WM3203
PA3213		WM2313
PA5153		WM5143
PA6213		WM5163
<a href="#">All Post Mounts</a>		<a href="#">All Wall Mounts</a>
<b>Rigid Stem Mount</b>		
4ST36 (36" Rigid Stem, 4" OD Canopy) Other lengths available, consult factory.		
<b>Pendant Chain Mount</b>		
PEND-CH3 (36" Chain/4 5/8" OD Canopy) Other lengths available, consult factory.		
See last page for popular mounting sizes/styles.		

6	FINISHES					
*Premium and Marine Grade Finish have additional charges						
Standard Colors	Standard Grade	Marine Grade*	Standard Colors	Standard Grade	Marine Grade*	
Aspen Green	10	10M	Copper Clay	53	53M	
Cantaloupe	11	11M	Silver	56	56M	
Lilac	12	12M	Black Verde	61	61M	
Putty	13	13M	Painted Chrome	70	70M	
Raw Unfinished	40	NA	Painted Copper	71	71M	
Black	41	41M	Textured Black	72	72M	
Forest Green	42	42M	Matte Black	73	73M	
Bright Red	43	43M	Textured Architectural Bronze	76	76M	
White	44	44M	Textured White	77	77M	
Bright Blue	45	45M	Textured Silver	78	78M	
Sunny Yellow	46	46M	<b>PREMIUM FINISH</b>	<b>Premium Grade*</b>	<b>Marine Grade*</b>	
Aqua Green	47	47M	Textured Desert	80	80M	
Galvanized	49	NA	Graystone	82	82M	
Navy	50	50M	Oil Rubbed Bronze	83	83M	
Architectural Bronze	51	51M	Carbon Graphite	96	96M	
Patina Verde	52	52M				
Consult Factory for additional paint charges and availability.						

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**PERFORMANCE TABLE - TIR PLATFORM - DELIVERED LUMENS**

LED CATALOG	WATTS	DISTRIBUTION	2700K				3000K				3500K				4000K							
			DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G
CPS30W18	30W	TYPE II	4163	139	1	0	1	4490	150	1	0	1	4327	144	1	0	1	4668	156	1	0	1
		TYPE III	4060	135	1	0	1	4379	146	1	0	1	4220	141	1	0	1	4553	152	1	0	1
		TYPE IV	4277	143	1	0	1	4613	154	1	0	1	4446	148	1	0	1	4796	160	1	0	1
		TYPE V	4249	142	3	0	1	4583	153	3	0	1	4416	147	3	0	1	4765	159	3	0	1
CPS39W18	39W	TYPE II	5087	130	0	0	1	5487	141	0	0	1	5523	142	1	0	1	5705	146	1	0	1
		TYPE III	4962	127	1	0	1	5352	137	1	0	1	5387	138	1	0	1	5564	143	1	0	1
		TYPE IV	5227	134	2	0	2	5638	145	1	0	1	5675	146	1	0	1	5862	150	2	0	2
		TYPE V	5193	133	3	0	1	5601	144	3	0	1	5638	145	3	0	1	5823	149	3	0	1
CPS46W18	46W	TYPE II	6383	139	1	0	1	6884	150	2	0	2	6634	144	2	0	2	7158	156	2	0	2
		TYPE III	6225	135	1	0	1	6714	146	1	0	1	6471	141	1	0	1	6981	152	1	0	1
		TYPE IV	6558	143	2	0	2	7073	154	2	0	2	6817	148	2	0	2	7354	160	2	0	2
		TYPE V	6515	142	3	0	1	7027	153	3	0	1	6772	147	3	0	1	7306	159	3	0	1
CPM78W30	78W	TYPE II	10273	132	2	0	2	11080	142	2	0	2	10678	137	2	0	2	11520	148	2	0	2
		TYPE III	10217	131	2	0	2	11020	141	2	0	2	10620	136	2	0	2	11458	147	2	0	2
		TYPE IV	10720	137	2	0	2	11562	148	2	0	2	11143	143	2	0	2	12022	154	2	0	2
		TYPE V	10795	138	4	0	2	11643	149	4	0	2	11221	144	4	0	2	12106	155	4	0	2
CPM90W36	90W	TYPE II	12360	137	2	0	2	13331	148	2	0	2	12848	143	2	0	2	13861	154	2	0	2
		TYPE III	12027	134	2	0	2	12973	144	2	0	2	12502	139	2	0	2	13488	150	2	0	2
		TYPE IV	12830	143	3	0	2	13839	154	3	0	3	13336	148	3	0	3	14388	160	3	0	3
		TYPE V	12215	136	4	0	2	13175	146	4	0	2	12697	141	4	0	2	13699	152	4	0	2
CPL120W48	120W	TYPE II	15666	131	3	0	2	16897	141	3	0	3	16284	136	3	0	3	17569	146	3	0	3
		TYPE III	15287	127	3	0	2	16488	137	3	0	2	15890	132	3	0	2	17143	143	3	0	2
		TYPE IV	16204	135	3	0	3	17478	146	3	0	3	16844	140	3	0	3	18172	151	3	0	3
		TYPE V	15895	132	4	0	2	17144	143	4	0	2	17574	146	4	0	2	17825	149	4	0	2

**PERFORMANCE TABLE - EDGE-LIT SMALL - DELIVERED LUMENS**

LED CATALOG	WATTS	DISTRIBUTION	2700K				3000K				3500K				4000K							
			DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G
E030LDS	30W	TYPE II	3108	104	1	0	1	3018	101	1	0	1	3595	120	1	0	1	3271	109	1	0	1
		TYPE III	3201	107	1	0	1	3108	104	1	0	1	3702	123	1	0	1	3368	112	1	0	1
		TYPE IV	3265	109	1	0	1	3171	106	1	0	1	3776	126	1	0	1	3436	115	1	0	1
		TYPE V	2937	98	2	0	1	2852	95	2	0	1	3396	113	2	0	1	3090	103	2	0	1
E039LDS	39W	TYPE II	4041	104	2	0	2	3924	101	2	0	2	4673	120	2	0	2	4252	109	2	0	2
		TYPE III	4161	107	2	0	2	4041	104	2	0	2	4812	123	2	0	2	4379	112	2	0	2
		TYPE IV	4245	109	1	0	1	4122	106	1	0	1	4909	126	2	0	2	4466	115	2	0	2
		TYPE V	3818	98	2	0	1	3707	95	2	0	1	4415	113	2	0	1	4017	103	2	0	1
E050LDS	50W	TYPE II	5162	104	2	0	2	5013	101	2	0	2	5970	120	2	0	2	5432	109	2	0	2
		TYPE III	5335	107	2	0	2	5181	104	2	0	2	6170	123	2	0	2	5614	112	2	0	2
		TYPE IV	5442	109	2	0	2	5284	106	2	0	2	6293	126	2	0	2	5726	115	2	0	2
		TYPE V	4894	98	3	0	1	4753	95	3	0	1	5660	113	3	0	1	5150	103	3	0	1
E065LDS	65W	TYPE II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		TYPE III	6936	107	2	0	2	6735	104	2	0	2	8021	123	2	0	2	7298	112	2	0	2
		TYPE IV	7075	109	2	0	2	6870	106	2	0	2	8181	126	2	0	2	7444	115	2	0	2
		TYPE V	6363	98	3	0	1	6179	95	3	0	1	7358	113	3	0	1	6695	103	3	0	1
E080LDS	80W	TYPE II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		TYPE III	8467	107	3	0	2	8222	104	3	0	3	9792	123	3	0	3	8909	112	3	0	3
		TYPE IV	8635	109	3	0	3	8385	106	2	0	2	9986	126	3	0	3	9086	115	3	0	3
		TYPE V	7822	98	3	0	1	7596	95	3	0	1	9046	113	3	0	2	8230	103	3	0	2

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**PERFORMANCE TABLE - EDGE-LIT LARGE - DELIVERED LUMENS**

LED CATALOG	WATTS	DISTRIBUTION	2700K				3000K				3500K				4000K							
			DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G	DELIVERED LUMENS	lm/W	B	U	G
E070LDL	70W	TYPE II	8106	116	3	0	3	8062	115	3	0	3	9049	129	3	0	3	8633	123	3	0	3
		TYPE III	8207	117	3	0	3	8163	117	3	0	3	9162	131	3	0	3	8741	125	3	0	3
		TYPE IV	8319	119	2	0	2	8274	118	2	0	2	9286	133	3	0	3	8860	127	2	0	2
		TYPE V	7851	112	3	0	2	7809	112	3	0	2	8765	125	3	0	2	8362	119	3	0	2
E080LDL	80W	TYPE II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		TYPE III	9380	117	3	0	3	9329	117	3	0	3	10470	131	3	0	3	9989	125	3	0	3
		TYPE IV	9507	119	3	0	3	9456	118	3	0	3	10613	133	3	0	3	10125	127	3	0	3
		TYPE V	8973	112	3	0	2	8925	112	3	0	2	10017	125	3	0	2	9557	119	3	0	2
E090LDL	90W	TYPE II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		TYPE III	10552	117	3	0	3	10495	117	3	0	3	11779	131	3	0	3	11238	125	3	0	3
		TYPE IV	10696	119	3	0	3	10638	118	3	0	3	11939	133	3	0	3	11391	127	3	0	3
		TYPE V	10095	112	3	0	2	10040	112	3	0	2	11269	125	4	0	2	10751	119	4	0	2
E105LDL	105W	TYPE II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		TYPE III	12114	117	3	0	3	12048	117	3	0	3	13522	131	3	0	3	12901	125	3	0	3
		TYPE IV	12456	119	3	0	3	12388	118	3	0	3	13904	133	3	0	3	13265	127	3	0	3
		TYPE V	11672	112	4	0	2	11609	112	4	0	2	13029	125	4	0	2	12431	119	4	0	2

**TIR PERFORMANCE PLATFORM SPECIFICATION**

- Performance, Ceramic-cooling technology
- Distributions: Type II, III, IV, V
- CCT: 2700K, 3000K, 3500K, 4000K
- Life: L70 >50,000 hours
- Ingress Protection: IP66
- Certification: ETL
- CRI: >80, 3 SDCM

**EDGE-LIT LED SPECIFICATION**

- Edge-Lit comfort solution
- Distributions: Type II, III, IV, V
- CCT: 2700K, 3000K, 3500K, 4000K
- Life: L70 >80,000 hours
- Ingress Protection: IP66
- Certification: UL, RoHS
- CRI: >80, 3 SDCM

**DRIVER SPECIFICATION**

- Universal Input 120-277V
- 0-10V Dimming to 10%
- Power Factor @ Full Load >95%
- THD @ Full Load <10%
- Constant Current Output 50/60Hz
- Operating Temperature: -40°C Minimum
- Ingress Protection: IP66
- Certifications: UL Recognized, CSA, RoHS

**FINISHES**

- A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion. 5-year warranty for aluminum products. 2-year warranty for steel products.
- Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3,000 hours of continuous salt spray and is available in either a textured or gloss surface. 5-year warranty for aluminum products. 2-year warranty for steel products.

**WARRANTY**

See [www.ANPlighting.com](http://www.ANPlighting.com) for complete fixture warranty.

**LED warranty information**

- 5 year limited warranty\*
- \*Limited Warranty: A typical year is defined as 4,380 hours of operation.

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**ACCESSORIES**



HSS90 & HSS120



EMG-LED10, 20, 30



HLMSPC-06 & HLMSPC-10



PC



TLPC



TL5 & TL7



FAID



HLMSPC-FM

**POPULAR POST MOUNTS**

See Post Arm Section on Website for Specification Sheets and additional post arms. Dimensions are Projection x Height.  
[Click here for all Post Mount styles](#)



PA0413 / 28" x 38 3/8"



PA1613 / 26 1/2" x 55 1/8"



PA1753 / 26 1/8" x 36 3/4"



PA2023 / 21 1/4" x 16"



PA2313 / 24" x 28 1/2"



PA2613 / 39 1/2" x 46"



PA3113 / 25" x 15 1/4"



PA3213 / 21 7/8" x 26 1/8"



PA3533 / 29" x 38 1/2"



PA5153 / 14 1/4" x 19 3/4"



PA6213 / 22 3/4" x 26 1/2"



PA8453 / 70" x 37 1/2"

**POPULAR WALL MOUNTS**

See Wall Mount Section on Website for Specification Sheets and additional wall mount arms. Dimensions are Projections x Height.  
[Click here for all Wall Mount styles](#)



WM0413 / 26 1/2" x 38 5/8"



WM1613 / 28 3/8" x 57"



WM1763 / 28 3/4" x 42"



WM1773 / 20" x 30"



WM2313 / 23" x 31 7/8"



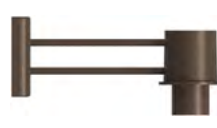
WM3003 / 11" x 8 7/8"



WM3203 / 18" x 24"



WM3553 / 28 1/4" x 36 1/2"



WM4513 / 17" x 8"



WM5143 / 14 3/4" x 16 1/2"



WM5163 / 15 3/4" x 13 3/4"



WM5603 / 17 7/8" x 14"

**RIGID STEM MOUNT**



4ST36

**PENDANT CHAIN MOUNT**



PEND-CH3

Project Name: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**FINISHES COLORS**

STANDARD																				PREMIUM								
WHITE	TEXTURED WHITE	SILVER	PAINTED CHROME	PAINTED GALVANIZED	PUTTY	TEXTURED SILVER	TEXTURED BLACK	MATTE BLACK	BLACK	BLACK VERDE	PATINA VERDE	FOREST GREEN	AQUA GREEN	ASPEN GREEN	BRIGHT BLUE	NAVY	SUNNY YELLOW	CANTALOUPE	LILAC	BRIGHT RED	PAINTED COPPER	COPPER CLAY	ARCHITECTURAL BRONZE	TEXTURED ARCHITECTURAL BRONZE	TEXTURED DESERT	GRAYSTONE	OIL RUBBED BRONZE	CARBON GRAPHITE