

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 (20KA³ Max/10KA² 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.

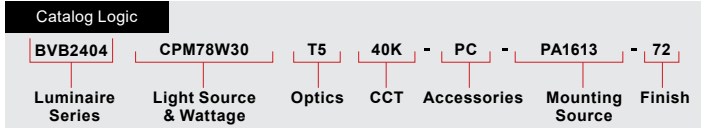
Certifications:
UL Listed for outdoor, wet location. LED is IP66.

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.](#)

BVB2404 LED

EPA: 1.27
Weight: 22 lbs.



Catalog Number	1	2	3	4	5	6	7	8
BVB2404								

1	LIGHT SOURCE & WATTAGES
	TIR Performance Platform
	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)
	Edge-Lit LED Comfort Solution*
	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)
	E060LDL (60W Large Edge-Lit LED Comfort Solution)
	E075LDL (75W 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 Technical Section

5	MOUNTING SOURCE
	Post Mount Arms
	PA1613
	PA1753
	PA2613
	PA3113
	PA3213
	PA5153
	PA6213
	All Post Mounts
	Wall Mount Arms
	WM1763
	WM1773
	WM3003
	WM3203
	WM2313
	WM5143
	WM5163
	All Wall Mounts
	Rigid Stem Mount
	4ST36 (36" Rigid Stem, 4" OD Canopy) Other lengths available, consult factory.
	Pendant Chain Mount
	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	PREMIUM FINISH	Premium Grade*	Marine Grade*
	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

Table with columns: LED CATALOG, WATTS, DISTRIBUTION, DELIVERED LUMENS, lm/W, B, U, G for 2700K, 3000K, 3500K, and 4000K. Rows include models like CPS30W18, CPS39W18, CPS46W18, CPM78W30, CPM90W36, and CPL120W48.

PERFORMANCE TABLE - EDGE-LIT SMALL - DELIVERED LUMENS

Table with columns: LED CATALOG, WATTS, DISTRIBUTION, DELIVERED LUMENS, lm/W, B, U, G for 2700K, 3000K, 3500K, and 4000K. Rows include models like E030LDS, E039LDS, E050LDS, E065LDS, and E080LDS.



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 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"



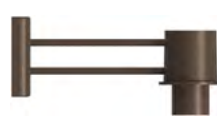
WM3003 / 11" x 8 7/8"



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