



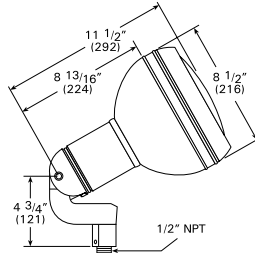
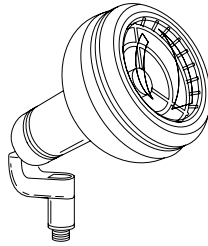
# 4650 SERIES

## Knuckle Mount Accent Light

### Specifications

L:	11 - 1/2"
	292 mm
W:	8 - 1/2"
	216 mm
H:	4 - 3/4"
	121 mm

IP66



CATALOG NUMBER	
NOTES	
TYPE	

### DESCRIPTION

The 4650 Knuckle Mount Accent Light is uniquely designed with rugged sealed die-cast aluminum construction and an offset swivel for balance. This fixture accommodates the reflectorized PAR56 and PAR38 lamps and the popular E-17 HID lamps with a variety of reflectors. These large, versatile accent lights provide illumination for a variety of architectural and landscape applications to sixty feet. A wide range of photometric performances are available with internal and/or external glare control.

### ORDERING INFORMATION (60HZ)

EXAMPLE: 4650 150M MVOLT SP KM BPCA LPI BZ

Model	Lamp type	Voltage	Distribution <sup>3</sup>	Mounting	Mounting Options
4650	MH <sup>1,2</sup>	120	NR No Reflector	KM Knuckle Mount	<b>Independent Mounting</b>
	70M E-17, med. base	208			JBA Alum. J-Box PSS_ 18", 24", or 36" Polymer Sealed Ground Spike
	100M E-17, med. base	240	SP Spot	JBB Bronze J-Box SBA_ <sup>4</sup> 12" or 18" Stake Mounted J-Box, Alum.	
	150M E-17, med. base	277	MFL Medium Flood	ARJB Architectural J-Box, Alum. SBB_ <sup>4</sup> 12" or 18" Stake Mounted J-Box, Bronze	
	70CMT6 T-6, G12 base	347	FL Flood	SMSA_ 12"-48" Stanchion Mt, available in 6" increments. TRA Tree Mounted J-Box, Alum.	
	150CMT6 T-6, G12 base	120/277		PSSA Pedestal Stanchion Mt TRB Tree Mounted J-Box, Bronze	
	P3870CM PAR-38, med. base	TB (120, 208, 240, 277)		WMC Wall Mt Cover _TRAS <sup>5</sup> Tree Mounted J-Box w/Alum. mounting strap, available with 1-4 J-Boxes per strap	
	P38100CM PAR-38, med. base			WMSA Wall Mt with Splice Access _TRBS <sup>7</sup> Tree Mounted J-Box w/Bronze mounting strap, available with 1-4 J-Boxes per strap	
	P3870M PAR-38, med. base	MVOLT <sup>2</sup>			
	P38100M PAR-38, med. base	(120-277 50/60HZ)			
	HPS <sup>1</sup>				
	70S E-17, med. base				
	100S E-17, med. base				
	150S E-17, med. base				

Mounting Options (Cont'd)	Accessories	Options	Lamp	Finish
<b>HID Ballast Enclosures</b>	<b>Mounting</b>	<b>Fusing</b>	LPI Lamp Included	BL Black
BPCA Big Polymeric Combo Box, Alum. Cover, 150W Max.	EA_ <sup>6</sup> Extended Arm Mt, 12", 24" or 36"	SF <sup>9</sup> Single Fuse		BZ Bronze
BPCB Big Polymeric Combo Box, Bronze Cover, 150W Max.	EA45_ <sup>6</sup> 45° Extended Arm Mt, 12", 24" or 36"	DF <sup>10</sup> Double Fuse		DDB Dark Bronze
WP2J Wall pack-Mounted over recessed junction box. 150W Max.	EA90_ <sup>6</sup> 90° Extended Arm Mt, 12", 24" or 36"	<b>Ballasting</b>		DNA Natural Aluminum
WP2S Wall pack- Surface mounted with internal splice compartment. 150W Max	<b>Internal</b>	GEB <sup>11</sup> Electronic Ballast		GN Green
	IHL <sup>7</sup> Internal Honeycomb Louver			GR Gray
	ISS <sup>8</sup> Internal Source Shield			SND Sand
	CFAMB Color Filter Amber			STG Steel Gray
	CFBLU Color Filter Blue			TVG Terra Verde Green
	CFGRN Color Filter Green			WH White
	CFRED Color Filter Red			CF Custom
	<b>External</b>			_Z <sup>12</sup> Zinc Undercoat (i.e. BLZ)
	GS Glare Shield			
	FGS Full Glare Shield, 6"			
	FGS_ Full Glare Shield, 8", 10", 12" available			

### Notes:

- Ballast Enclosure required for HID models.
- All metal halide lamps are supplied with MVOLT GEB electronic ballast, except for 347.
- Only available with PAR lamps when LPI is chosen, otherwise use NR. Not all distributions are valid with all lamp types, consult lamp manufacturer's specifications.
- For 120 Volt portable applications only.
- For multiple TRAS boxes the number of fixture heads and accessories will be equal to the number of boxes ordered.

- EA extending arm accessories are available with WMSA mountings only.
- Not available with 70M, 100M, 70S, 100S
- ISS only available with 70CMT6 and 150CMT6
- SF is only available with 120, 277 or 347 volts on HPS or 347 on MH only.
- DF is only available with 208 or 240 volts on HPS only.
- Only available with MH lamps when GEB is chosen.
- Add Zinc undercoat for harsh environments.



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4650\_KM

**ORDERING INFORMATION (50HZ)**

EXAMPLE: 4650 150M 24050HZ SP KM BPCA FGS LPI BZ IEC

Model	Lamp type	Voltage	Distribution <sup>3</sup>	Mounting	Mounting Options
4650	MH <sup>1,2</sup>	23050HZ	NR No Reflector	KM Knuckle Mount	<b>Independent Mounting</b>
	70M Ellip., E27 base	24050HZ	SP Spot		
	100M Ellip., E27 base	MVOLT <sup>8</sup>	MFL Medium Flood		
	150M Ellip., E27 base	(120-277 50/60HZ)	FL Flood		
	70CMT6 T-6, G12 base				
	150CMT6 T-6, G12 base				
	HPS <sup>1</sup>				
	70S Ellip., E27 base				
	100S P12-1, Tubular				

Mounting Options (Cont'd)	Accessories	Options	Lamp	Finish	Listing
<b>HID Ballast Enclosures</b>	<b>Mounting<sup>3</sup></b>	<b>Ballasting</b>	<b>LPI</b> Lamp Included	<b>BL</b> Black	<b>IEC</b> International
<b>BPCA</b> Big Polymeric Combo Box, Alum. Cover, 150W Max.	<b>EA_<sup>5</sup></b> Extended Arm Mt, 12", 24" or 36"	<b>GEB<sup>9</sup></b> Electronic Ballast		<b>BZ</b> Bronze	<b>Electo-Technical Commission</b>
<b>BPCB</b> Big Polymeric Combo Box, Bronze Cover, 150W Max.	<b>EA45_<sup>5</sup></b> 45° Extended Arm Mt, 12", 24" or 36"			<b>DDB</b> Dark Bronze	<b>(for use with 50HZ applications only)</b>
<b>WP2J</b> Wall pack-Mounted over recessed junction box. 150W Max.	<b>EA90_<sup>5</sup></b> 90° Extended Arm Mt, 12", 24" or 36"			<b>DNA</b> Natural Aluminum	
<b>WP2S</b> Wall pack- Surface mounted with internal splice compartment. 150W Max	<b>Internal</b>			<b>GN</b> Green	
	<b>IHL<sup>6</sup></b> Internal Honeycomb Louver			<b>GR</b> Gray	
	<b>ISS<sup>7</sup></b> Internal Source Shield			<b>SND</b> Sand	
	<b>CFAMB</b> Color Filter Amber			<b>STG</b> Steel Gray	
	<b>CFBLU</b> Color Filter Blue			<b>TVG</b> Terra Verde Green	
	<b>CFGRN</b> Color Filter Green			<b>WH</b> White	
	<b>CFRED</b> Color Filter Red			<b>CF</b> Custom	
	<b>External</b>			<b>_Z<sup>9</sup></b> Zinc Undercoat (i.e. BLZ)	
	<b>GS</b> Glare Shield				
	<b>FGS</b> Full Glare Shield, 6"				
	<b>FGS_</b> Full Glare Shield, 8", 10", 12" available				

**Notes:**

- 1 Separate ballast enclosure required for HID models.
- 2 All metal halide lamps are supplied with MVOLT GEB electronic ballast, except for 347 vlt.
- 3 Not all distributions are valid with all lamp types, consult lamp manufacturer's specifications.
- 4 For multiple TRAS boxes the number of fixture heads and accessories will be equal to the number of boxes ordered.
- 5 EA extending arm accessories are available with SSB, SSBTS, BSB, BSBTS and WMSA mountings only. Double EAD arms also available (consult factory).

- 6 Not available with 70M, 100M, 70S, 100S
- 7 ISS only available with 70CMT6 and 150CMT6.
- 8 Only available with MH lamps when GEB is chosen.
- 9 Add Zinc undercoat for harsh environments.

**FEATURES & SPECIFICATIONS**

**MATERIAL:** Die-cast copper-free aluminum alloy A360. All aluminum materials are chem-filmed or anodized prior to painting.

**LAMP:** HID: E17, T-6 elliptical, or PAR-38, 150 watt max.

**SOCKET:** HID: Medium base, E27 or G12 base.

**VOLTAGE:** See ordering guide.

**DISTRIBUTION:** Tight Spot (TSP)  
Spot (SP)  
Narrow Flood (NFL)  
Medium Flood (MFL)  
Wide Flood (WFL)

**LENS:** Crowned tempered glass.

**MOUNTING:** 1/2" NPT adjustable knuckle.

**FINISH:** Super durable Polyester TGIC powder coat finish (standard). Optional Zinc undercoat for harsh environments.

**FASTENERS:** Stainless Steel.

**LISTING:** U.L., C.U.L.

**WARRANTY:** 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

