

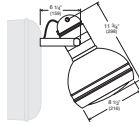
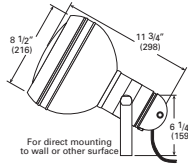
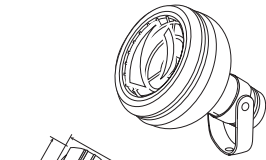
# 4650 SERIES

## Yoke Mount Accent Light



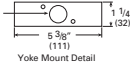
### Specifications

L:	11 - 3/4"
	298 mm
W:	8 - 1/2"
	216 mm
H:	6 - 1/4"
	159 mm



YM shown mounted directly to BSB box

7/8" Mount Hole (Reducing washer for 3/8" mounting provided)



Yoke Mount Detail

**IP66**

### DESCRIPTION

The 4650 Yoke Mount Accent Light is uniquely designed with rugged sealed die-cast aluminum construction and an adjustable yoke. This fixture accommodates the reflectorized PAR56 and PAR38 lamps and the popular E-17 HID lamps with spot, narrow flood, medium flood, and wide flood 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: 4640 150M 277 SP YM BPCA FGS10 CSL10 SF LPI BZ

4650	150M	120	SP	YM	
Model	Lamp type	Voltage	Distribution <sup>1</sup>	Mounting	Mounting Options <sup>2</sup>
4650	<b>Incandescent</b>	120	NSP Narrow Spot	YM Yoke Mount	<b>Independent Mounting</b>
	P38831 PAR-38, med. base	208	SP Spot		JBA Alum. J-Box
	P38150I PAR-38, med. base	240	NFL Narrow Flood		JBB Bronze J-Box
	P56300I PAR-56, MGEP	277	MFL Medium Flood		ARJB Architectural J-Box, Alum.
	250Q T-4, mini-can base	347	FL Flood		SMSA_ 12"-48" Stanchion Mt, available in 6" increments.
	MH 120/277		WFL Wide Flood		PSSA Pedestal Stanchion Mt
	70CMT6 T-6, G12 base	TB (120, 208, 240, 277)			WMC Wall Mount Cover
	150CMT6 T-6, G12 base				WMSA Wall Mt with Splice Access
	70M E-17, med. base				TRA Tree Mounted J-Box, Alum.
	100M E-17, med. base				TRB Tree Mounted J-Box, Bronze
	150M E-17, med. base				_TRAS <sup>3</sup> Tree Mounted J-Box w/Alum. mounting strap, available with 1-4 J-Boxes per strap
	P3870CM PAR-38, med. base				_TRBS <sup>3</sup> Tree Mounted J-Box w/Bronze mounting strap, available with 1-4 J-Boxes per strap
	P38100CM PAR-38, med. base				
	P3870M PAR-38, med. base				
	P38100M PAR-38, med. base				
	P38150M PAR-38, med. base				
	<b>HPS</b>				
	70S E-17, med. base	MVOLT <sup>8</sup> (120-277 50/60HZ)			
	100S E-17, med. base				
	150S E-17, med. base				

BPCA	FGS10	CSL10	SF	LPI	BZ
Mounting Options (Cont'd) <sup>2</sup>	Accessories	Cord Set Length	Options	Lamp	Finish
<b>HID Ballast Enclosures<sup>2</sup></b>	<b>Internal</b>	CSL__ 10'-50' of cord, available in 5' increments	<b>Fusing</b>	LPI Lamp Included	BL Black
BPCA Big Polymeric Combo Box, Alum. Cover, 150W Max.	IHL Internal Honeycomb Louver		SF <sup>4</sup> Single Fuse		BZ Bronze
BPCB Big Polymeric Combo Box, Bronze Cover, 150W Max.	ISS <sup>7</sup> Internal Source Shield (no PAR lamps)		DF <sup>5</sup> Double Fuse		DDB Dark Bronze
BSB Lg. Alum. Surface Box, 150W Max.	CFAMB Color Filter Amber		<b>Ballasting</b>		DNA Natural Aluminum
BSBTS Lg. Tree Mounted Box	CFBLU Color Filter Blue		GEB <sup>9</sup> Electronic Ballast		GN Green
	CFGRN Color Filter Green				GR Gray
	CFRED Color Filter Red				SND Sand
	<b>External</b>				STG Steel Gray
	GS Glare Shield				TVG Terra Verde Green
	FGS Full Glare Shield, 3"				WH White
	FGS__ Full Glare Shield, 6"-18" available in 2" increments				CF Custom
					__Z <sup>6</sup> Zinc Undercoat (i.e. BLZ)

### Notes:

- 1 PAR lamps only valid with SP or FL.
- 2 See individual mounting specification sheets for conduit/drilling options.
- 3 For multiple TRAS boxes the number of fixture heads and accessories will be equal to the number of boxes ordered.
- 4 SF is only available with 120 or 277 volts.
- 5 DF is only available with 208, 240 or 347 volts
- 6 Add Zinc undercoat for harsh environments.

- 7 Not available with PAR lamps.
- 8 MVOLT only available with GEB on Metal Halide.
- 9 Only available with Metal Halide.

**NOTE:** Hydrel Reserves The Right To Modify Specification Without Notice. Any dimension on this sheet is to be assumed as a reference dimension: "Used for information purposes only. It does not govern manufacturing or inspection requirements." (ANSI Y14.5-1973)



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7/3/14  
4650\_YM

**ORDERING INFORMATION (50HZ)**

EXAMPLE: 4650 150M 24050HZ SP YM BSB FGS CSL10 LPI BZ IEC

4650	150M	24050HZ	SP	YM		
Model	Lamp type	Voltage	Distribution <sup>1</sup>	Mounting	Mounting Options <sup>2</sup>	
4650	<b>Incandescent</b>	<b>23050HZ</b>	<b>NSP</b> Narrow Spot	<b>YM</b> Yoke Mount	<b>Independent Mounting</b>	
	<b>P38831</b> PAR-38, E27 base	<b>24050HZ</b>	<b>SP</b> Spot		<b>JBA</b> Alum. J-Box	
	<b>P563001</b> PAR-56, MGEP	<b>MVOLT<sup>6</sup></b> (120-277 50/60HZ)	<b>NFL</b> Narrow Flood		<b>JBB</b> Bronze J-Box	
	<b>MH</b>		<b>MFL</b> Medium Flood		<b>ARJB</b> Architectural J-Box, Alum.	
	<b>70CMT6</b> T-6, G12 base		<b>FL</b> Flood		<b>SMSA</b> 12"-48" Stanchion Mt, available in 6" increments.	
	<b>150CMT6</b> T-6, G12 base		<b>WFL</b> Wide Flood		<b>PSSA</b> Pedestal Stanchion Mt	
	<b>70M</b> Ellip., E27 base				<b>WMC</b> Wall Mount Cover	
	<b>100M</b> Ellip., E27 base				<b>WMSA</b> Wall Mt with Splice Access	
	<b>150M</b> Ellip., E27 base				<b>TRA</b> Tree Mounted J-Box, Alum.	
	<b>HPS</b>				<b>TRB</b> Tree Mounted J-Box, Bronze	
	<b>70S<sup>8</sup></b> Ellip., E27 base				<b>_TRAS<sup>3</sup></b> Tree Mounted J-Box w/Alum. mounting strap, available with 1-4 J-Boxes per strap	
	<b>100S<sup>8</sup></b> Ellip., E27 base				<b>_TRBS<sup>3</sup></b> Tree Mounted J-Box w/Bronze mounting strap, available with 1-4 J-Boxes per strap	

BSB	FGS	CSL10		LPI	BZ	IEC
Mounting Options (Cont'd) <sup>2</sup>	Accessories	Cord Set Length	Options	Lamp	Finish	Listing
<b>HID Ballast Enclosures<sup>2</sup></b>	<b>Internal</b>	<b>CSL__</b> 10'-50' of cord, available in 5' increments	<b>Ballasting</b>	<b>LPI</b> Lamp Included	<b>BL</b> Black	<b>IEC<sup>7</sup></b> International
<b>BPCA</b> Big Polymeric Combo Box, Alum. Cover, 150W Max.	<b>IHL</b> Internal Honeycomb Louver		<b>GEB<sup>7</sup></b> Electronic Ballast		<b>BZ</b> Bronze	Electo-Technical Commission
<b>BPCB</b> Big Polymeric Combo Box, Bronze Cover, 150W Max.	<b>ISS<sup>5</sup></b> Internal Source Shield				<b>DDB</b> Dark Bronze	(for use with 50HZ applications only)
<b>BSB</b> Lg. Alum. Surface Box, 150W Max.	<b>CFAMB</b> Color Filter Amber				<b>DNA</b> Natural Aluminum	
<b>BSBTS</b> Lg. Tree Mounted Box	<b>CFBLU</b> Color Filter Blue				<b>GN</b> Green	
	<b>CFGRN</b> Color Filter Green				<b>GR</b> Gray	
	<b>CFRED</b> Color Filter Red				<b>SNL</b> Sand	
	<b>External</b>				<b>STG</b> Steel Gray	
	<b>GS</b> Glare Shield				<b>TVG</b> Terra Verde Green	
	<b>FGS</b> Full Glare Shield, 3"				<b>WH</b> White	
	<b>FGS__</b> Full Glare Shield, 6"-18" available in 2" increments				<b>CF</b> Custom	
					<b>_Z<sup>4</sup></b> Zinc Undercoat (i.e. BLZ)	

- Notes:**
- 1 PAR lamps only valid with SP or FL.
  - 2 See individual mounting specification sheets for conduit/drilling options.
  - 3 For multiple TRAS boxes the number of fixture heads and accessories will be equal to the number of boxes ordered.
  - 4 Add Zinc undercoat for harsh environments.
  - 5 Not available with PAR lamps.
  - 6 MVOLT only available with GEB on Metal Halide.
  - 7 Only available with Metal Halide.

**FEATURES & SPECIFICATIONS**

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

**LAMP:** T-4 QUARTZ: 250W Max.  
PAR56 INC: 300W Max.  
E17, PAR38 and Elliptical HID: 175W Max. (Lamps by others)

**VOLTAGE:** See ordering guide.

**SOCKET:** Pulse-rated medium base or E27 (HID); Mini-can base (T-4); Mogul end prong (PAR-56 Models).

**DISTRIBUTION:** Tight Spot (TSP), Spot (SP), Narrow Flood (NFL), Medium Flood (MFL), Wide Flood (WFL). Some distributions may not be available with certain lamp types.

**LENS:** Crowned tempered glass.

**MOUNTING:** Yoke Mount with a minimum of 10 ft. 18/3 STW Cord. Cord length must be specified.

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

**FASTENERS:** Stainless Steel.

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

