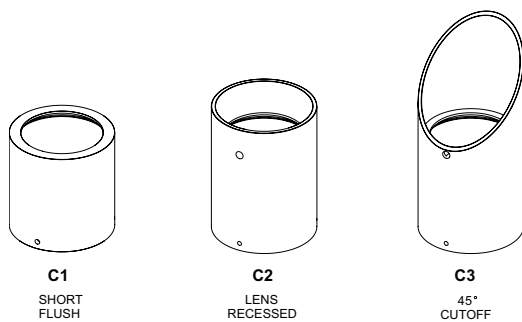
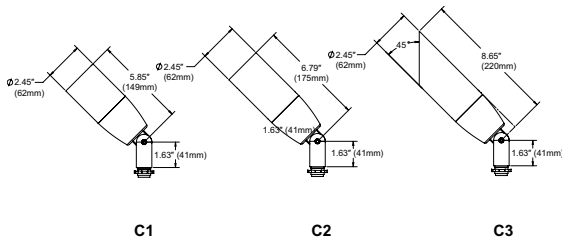


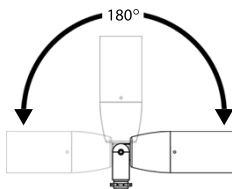
#### Specifications

Weight:	1.6 lbs.
H:	5.85" (149mm) w/C1
	6.79" (172mm) w/C2
	8.65" (220mm) w/C3

#### DIMENSIONS



#### AIMING DETAILS



#### PLACER

## PLACER LED

### 12V/120V LED

#### HIGHLIGHTS

- Sign lights are suitable for wall and ground mount applications
- Suitable for wet locations
- Integral driver for 120V
- Dimmable using standard Triac dimmer for 120V and dimmable using standard MLV dimmer and magnetic transformer for 12V
- Available in 80CRI and 90CRI
- 1,100lm

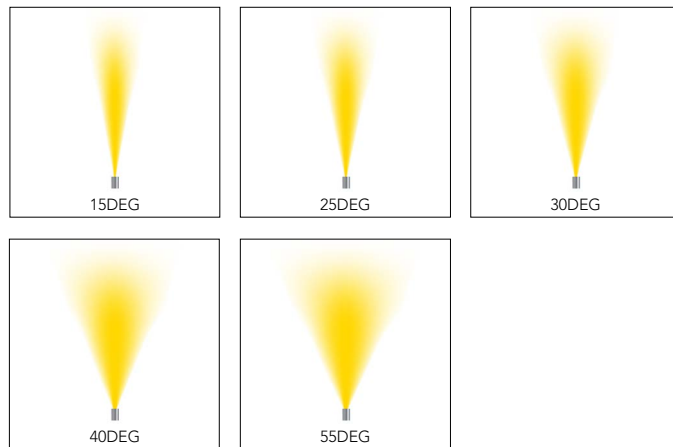


#### LUMEN PACKAGES

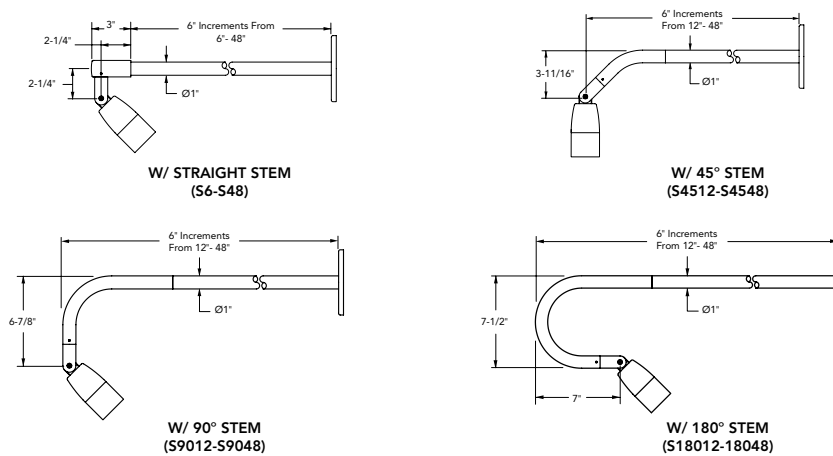
	15DEG	20DEG	25DEG	30DEG	35DEG	40DEG	45DEG	50DEG	55DEG
Delivered Lumens	685	623	659	642	674	656	634	639	641
Watts	11	11	11	11	11	11	11	11	11
LPW	62	57	60	58	61	60	58	58	58
Peak Candela	5,056	2,725	2,827	1830	1569	1212	982	742	664

Note: Information based on 4000K @ P1, 80CRI, 120 Volt with C1 cap and FLC lens

#### STANDARD DISTRIBUTION



## DIMENSIONS



## ORDERING INFORMATION

EXAMPLE: PLACER A P1 80CRI 30K 12 20DEG WSL CN4 S6 C1 BL

PLACER							
Series*	Material*	Performance Packages*	CRI*	Color Temperature*	Voltage*	Distribution*	Lens*
PLACER	A Aluminum	P1 P2	80CRI 90CRI	27K 30K 35K 40K 50K <i>Note: 35K and 50K only available with 80CRI</i>	12 <sup>1</sup> 12Vac 120 <sup>2</sup> 120Vac <i>Note: 120V only available with P1</i>	15DEG 15° 20DEG 20° 25DEG 25° 30DEG 30° 35DEG 35° 40DEG 40° 45DEG 45° 50DEG 50° 55DEG 55°	FLC Flat Clear WSL Watershed
Mounting Accessories*							
Independent Mounting		Stems	Options <sup>4</sup>	External Caps*	Finish*		
JBA	Aluminum J-Box	S3 3" Stem	Internal Louver	C1 Short Flush	All Material		
CN4	4" rectangular canopy	S6 6" Stem	IHL Honeycomb Louver	C2 Recessed Lens	BL Black Textured	VET Verde Textured	
CN5	5" round canopy	S__ 12" - 48" stems, available in 6" increments	Internal Accessory	C3 45° Angle Cut	BRS Bronze Smooth	WH White Textured	
WMC	Wall Mount Cover		L1 Prismatic Lens		BRT Bronze Textured	WHS White Smooth	
WMSA	Wall Mount with Splice Access	S45_ 45° 12" - 48"	L2 Linear Spread Lens		DBL Black Smooth	CF Custom Finish	
PM60A <sup>3</sup>	Adjustable Post Mount	S90_ 90° 12" - 48"	L3 Softening Lens		DDB Designer Bronze	RALTB <sup>6</sup> RAL Paint Finishes	
PM60C	Post Mount with Conduit	S180_ 180° 12" - 48" available in 6" increments	Internal Filters		DNA Natural Aluminum	__Z <sup>6</sup> Zinc Undercoat (i.e. BLZ)	
PM60D <sup>3</sup>	Post Mount with Open Bottom		FA Amber		NBS <sup>5</sup> Natural Bronze Smooth	<i>Note: RALTB<sup>6</sup> for pricing only, replace with applicable RAL call out when ready to order. See the <a href="#">RALBROCHURE</a> for available options. It is recommended that Hydrel products only use textured paint. Note: Zinc Undercoat provides corrosion protection for Marine Environment and Natatorium Construction</i>	
			FG Green		STG Steel Gray		
			FGD Green Dichroic				
			FLB Light Blue				
			FM Mercury Vapor				
			FMB Medium Blue				
			FMBD Medium Blue Dichroic				
			FR Red				
			FRD Red Dichroic				

\*Required Fields

Notes:

- Remote transformer required. Options for [remote transformers](#).
- Integral Driver.
- Only available with 12 volt.
- Up to 2 options can be specified.
- NBS paint uses specialty pigments to give a natural appearance that may vary by fixture.
- Zinc undercoat for harsh environments

## PERFORMANCE DATA

### LUMEN OUTPUT

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution Type	Field Angle		Beam Angle		27K (2700K, 80CRI)			30K (3000K, 80CRI)			35K (3500K, 80CRI)			40K (4000K, 80CRI)			50K (5000K, 80CRI)		
			°H	°V	°H	°V	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW
P1 12 Volt	8	15DEG	33	33	19	19	5,180	702	88	5,374	728	91	5,471	741	93	5,665	768	96	5,858	794	99
		20DEG	45	45	22	22	2,792	639	80	2,897	663	83	2,949	675	84	3,053	699	87	3,158	722	90
		25DEG	44	44	24	24	2,897	675	84	3,005	700	88	3,060	713	89	3,168	738	92	3,276	764	96
		30DEG	56	56	30	30	1,875	658	82	1,945	682	85	1,980	694	87	2,050	719	90	2,120	744	93
		35DEG	57	56	37	36	1,608	691	86	1,668	717	90	1,698	729	91	1,758	755	94	1,818	781	98
		40DEG	65	64	41	40	1,242	672	84	1,288	697	87	1,311	710	89	1,358	735	92	1,404	760	95
		45DEG	74	73	45	44	1,006	650	81	1,044	674	84	1,063	686	86	1,100	711	89	1,138	735	92
		50DEG	86	85	53	51	760	654	82	788	679	85	802	691	86	831	716	90	859	740	93
P2 12 Volt	12	55DEG	93	93	56	54	681	657	82	706	682	85	719	694	87	744	719	90	770	743	93
		15DEG	33	33	19	19	7,012	950	79	7,274	986	82	7,405	1,003	84	7,667	1,039	87	7,930	1,074	90
		20DEG	45	45	22	22	3,780	865	72	3,921	897	75	3,992	913	76	4,133	945	79	4,274	978	82
		25DEG	44	44	24	24	3,921	914	76	4,068	948	79	4,141	965	80	4,288	999	83	4,435	1,033	86
		30DEG	56	56	30	30	2,538	890	74	2,632	923	77	2,680	940	78	2,775	973	81	2,870	1,006	84
		35DEG	57	56	37	36	2,176	935	78	2,257	970	81	2,298	987	82	2,379	1,022	85	2,461	1,057	88
		40DEG	65	64	41	40	1,681	909	76	1,744	943	79	1,775	960	80	1,838	994	83	1,901	1,028	86
		45DEG	74	73	45	44	1,362	880	73	1,413	912	76	1,438	929	77	1,489	962	80	1,540	995	83
		50DEG	86	85	53	51	1,029	886	74	1,067	919	77	1,086	935	78	1,125	968	81	1,163	1,002	84
		55DEG	93	93	56	54	921	889	74	956	923	77	973	939	78	1,007	973	81	1,042	1,006	84

Performance Package	System Watts	Distribution Type	Field Angle		Beam Angle		27K (2700K, 80CRI)			30K (3000K, 80CRI)			35K (3500K, 80CRI)			40K (4000K, 80CRI)			50K (5000K, 80CRI)		
			°H	°V	°H	°V	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW
P1 120 Volt	11	15DEG	33	33	19	19	4,568	619	56	4,710	638	58	4,755	644	59	5,056	685	62	5,078	688	63
		20DEG	45	45	22	22	2,463	563	51	2,539	581	53	2,563	586	53	2,725	623	57	2,737	626	57
		25DEG	44	44	24	24	2,555	595	54	2,634	614	56	2,659	620	56	2,827	659	60	2,840	662	60
		30DEG	56	56	30	30	1,653	580	53	1,704	598	54	1,721	603	55	1,830	642	58	1,838	645	59
		35DEG	57	56	37	36	1,418	609	55	1,461	628	57	1,475	634	58	1,569	674	61	1,576	677	62
		40DEG	65	64	41	40	1,095	592	54	1,129	611	56	1,140	617	56	1,212	656	60	1,217	659	60
		45DEG	74	73	45	44	887	573	52	915	591	54	924	596	54	982	634	58	986	637	58
		50DEG	86	85	53	51	670	577	52	691	595	54	697	601	55	742	639	58	745	641	58
		55DEG	93	93	56	54	600	580	53	619	597	54	625	603	55	664	641	58	667	644	59

CRI SCALING	Multiplier
90CRI	0.83

Note: Information based on PLACER 12 volt

CRI SCALING	Multiplier
90CRI	0.77

Note: Information based on PLACER 120 volt

EXTERNAL CAP	Multiplier
C2	0.70
C3	0.965

OPERATING TEMPERATURE: -20°C through 45°C (120V)  
-20°C through 50°C (12V)

## PHOTOMETRIC DIAGRAMS

To see complete photometric reports or download .ies files for this product, visit [www.hydrel.com](http://www.hydrel.com)

## FEATURES & SPECIFICATIONS

**MATERIAL:** Body, caps and knuckle machined from 6061-T6 aluminum.

**LIGHT SOURCE:** Proprietary high output LED's. Units have near constant light output when supplied with 11VAC-14VAC to combat voltage drop. All within 3 MacAdam ellipses.

**VOLTAGE:** 12 Volt AC, 120 volt AC.

**DISTRIBUTION:** Available 15DEG, 20DEG, 25DEG, 30DEG, 35DEG, 40DEG, 45DEG, 50DEG, 55DEG

**LENS:** FLC - Cut from heat strengthened borosilicate glass for superior clarity and strength. WSL - Molded heat strengthened borosilicate glass for superior clarity and strength

**MOUNTING:** See mounting accessories.

**POWER SUPPLY:** Remote 12VAC transformer, purchased separately. For 120VAC driver is integral. 12VAC dimmable using a remote magnetic transformer. 120V AC dimmable using a standard Triac dimming switch/systems.

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

**FEATURES:** Tapered "Sure Lock" knuckle seat for infinite aiming and an unparalleled locking ability. Any combination of up to 2 lens accessories/color filter/shielding can be specified in any cap style and are held securely by a removable stainless steel clip ring.

**LISTING:** cCSAus, Wet location. Laboratory tests conducted by CSA to UL Standards UL-1598, UL-8750 and UL-1838.

### GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/resources/buy-american](http://www.acuitybrands.com/resources/buy-american) for additional information.

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

Consult factory for details

**NOTE:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

## REMOTE TRANSFORMERS

Transformers may be loaded to 100% capacity, however the recommended load range for optimal efficiency is 40-80%.

**Non-Isolated Transformers:** Suitable for use with landscape type lighting

**Isolated Transformers:** Suitable for use with underwater and landscape type lighting




		Part #
	<ul style="list-style-type: none"> <li>• 10 and 20 watts, 120V to 12VAC or 277V to 12VAC magnetic</li> <li>• Must be mounted in a listed weatherproof enclosure</li> <li>• Dimmable by using a magnetic low voltage dimmer switch</li> <li>• Non-Isolated</li> <li>• Suitable for LED</li> </ul>	<p>Examples: TM10 120 TM10 277 TM20 120 TM20 277 See <a href="#">spec sheet</a> for more options</p>
	<ul style="list-style-type: none"> <li>• 300 watts, 120V or 277V to 12VAC magnetic</li> <li>• Rated for outdoor surface mount, minimum of 12" above finished grade with the wire connection terminals facing down</li> <li>• Multi-tap secondary output allowing 12-15 Volt</li> <li>• Internal on/off switch-circuit breaker</li> <li>• Five "knock-outs" in the bottom cover plate (two 1/2", two 3/4" and one 1-1/2")</li> <li>• Dimmable by using a magnetic low voltage dimmer switch</li> <li>• Non-Isolated</li> <li>• Suitable for LED</li> </ul>	<p>Example: TM300 120 See <a href="#">spec sheet</a> for more options</p>
	<ul style="list-style-type: none"> <li>• 15watts, 120V to 12VAC, electronic</li> <li>• Maximum remote distance is 10'</li> <li>• Non-Isolated Suitable for LED</li> </ul>	<p>Example: TE15 120 See <a href="#">spec sheet</a> for more options</p>
	<ul style="list-style-type: none"> <li>• 60 and 75 watts 120V to 12VAC electronic</li> <li>• Maximum remote distance is 10'</li> <li>• Non-Isolated Suitable for LED</li> </ul>	<p>Examples: TE60 120 TE75 120 See <a href="#">spec sheet</a> for more options</p>
	<ul style="list-style-type: none"> <li>• 150 watts, 120V or 277V primary to 12VAC secondary magnetic.</li> <li>• Rated for outdoor surface mount, minimum of 12" above finished grade with wire connection terminals facing down</li> <li>• Dimmable by using a magnetic low voltage dimmer switch</li> <li>• Non-Isolated</li> <li>• Suitable for LED</li> </ul>	<p>Example: TM150 120 TM150 277 See <a href="#">spec sheet</a> for more options</p>

## REMOTE TRANSFORMERS

Transformers may be loaded to 100% capacity, however the recommended load range for optimal efficiency is 40-80%.

**Non-Isolated Transformers:** Suitable for use with landscape type lighting

**Isolated Transformers:** Suitable for use with underwater and landscape type lighting




Part #		
	<ul style="list-style-type: none"> <li>• Stepdown transformers are two winding isolated type</li> <li>• Two separate wiring compartments isolate primary and secondary leads</li> <li>• Housed in weatherproof enclosure</li> <li>• Meets requirements of article 680 N.E.C. Listed by U. L</li> <li>• 100 watt 120/12,13,14 ac (T1901)</li> <li>• 300 watt 120/12,13,14 ac (T1903)</li> <li>• Dimmable by using magnetic low voltage dimmer switch</li> <li>• Isolated - can be used near underwater application</li> <li>• Suitable for LED</li> </ul>	<p>Examples: T1901 (100watts) T1903 (300watts) See <a href="#">spec sheet</a> for more options</p>
	<ul style="list-style-type: none"> <li>• Ground power post mount</li> <li>• 15 watts, 120V to 12V AC, electronic</li> <li>• Non-Isolated, suitable for LED</li> <li>• Non-Dimmable</li> <li>• Stem length available from 3" to 36"</li> </ul>	<p>Examples: PM60B ET15 120 S3 BL PMBR60B ET15 120 S6 POL See <a href="#">spec sheet</a> for more options</p>
	<ul style="list-style-type: none"> <li>• Wall mount power box</li> <li>• 15 watts, 120V to 12V AC, electronic</li> <li>• 20 watts, 120V to 12V AC, magnetic</li> <li>• ET15 - Electronic is non-dimmable</li> <li>• M20 - Magnetic is dimmable using low voltage magnetic dimmer switch</li> <li>• Non-isolated, suitable for LED</li> </ul>	<p>Examples: WP2J ET15 120 12C BL WP2S M50 120 34C BRS See <a href="#">spec sheet</a> for more options</p>

## ACCENT MOUNTING ACCESSORIES

		Part #
	<ul style="list-style-type: none"> <li>JBA/JBB Junction box for direct fixture mounting</li> <li>Available in cast bronze or aluminum</li> <li>Used where splicing is required for single or multiple fixtures Drilled and tapped to specified requirements</li> <li>May be Ground or wall mounted</li> </ul>	Examples: JBA 34E 34F 78G BL JBB 12A 12C 78G See <a href="#">spec sheet</a> for more options
	<ul style="list-style-type: none"> <li>CN4 wall plate canopy</li> <li>Available in aluminum or brass</li> <li>Shape rectangular to mount over a standard switch box</li> <li>Thru hole sized for standard 1/2 pipe thread</li> <li>Fixtures secured via locking nut (for thru hole) or threaded knuckle</li> </ul>	Example: CN4 78C BL See <a href="#">spec sheet</a> for more options
	<ul style="list-style-type: none"> <li>CN5 wall mount canopy</li> <li>Available in Aluminum, Brass or stainless steel</li> <li>Shape round to mount over a standard 4" round or octagonal box. Thru hole sized for standard 1/2 pipe thread</li> <li>Fixture secured via locking nut (for thru hole) or threaded knuckle</li> </ul>	Example: CN5 78C BL See <a href="#">spec sheet</a> for more options
	<ul style="list-style-type: none"> <li>WMC wall mount cover</li> <li>Available in cast aluminum</li> <li>Wall mount cover or mounting fixture over wall box (by others)</li> </ul>	Examples: WMC 78C BL See <a href="#">spec sheet</a> for more options
	<ul style="list-style-type: none"> <li>WMSA wall mount splice access</li> <li>Available in cast aluminum</li> <li>Wall mount with splice access plate for mounting a variety of fixtures</li> <li>Integral splice access compartment for easy fixture connections</li> <li>To be mounted over a recessed wall box</li> </ul>	Example: WMSA 78C BL See <a href="#">spec sheet</a> for more options
	<ul style="list-style-type: none"> <li>Post Mounts PM60A, PM60C and PM60D Ground Mounting posts</li> <li>Available in aluminum or brass</li> <li>Suitable for fixtures with 1/2" knuckles</li> <li>Fixtures are secured with a locking nut</li> <li>PM60A and PM60D are used only with low volt fixtures</li> <li>PM60C can be used with low or line voltage fixtures</li> <li>Optional stems are offered in lengths from 3" to 36"</li> </ul>	Examples: PM60A S3 BL PM60C S12BR BRS PM60D BL See <a href="#">spec sheet</a> for more options

## PLACER INTERNAL ACCESSORIES

Internal Accessories can be ordered separate and are field replaceable

	<b>INTERNAL HONEYCOMB LOUVER</b> <ul style="list-style-type: none"> <li>Hexagonal cell louver with 45° cut-off</li> <li>includes retaining ring</li> </ul>	Example: IHLPLACER
	<b>INTERNAL ACCESSORY LENSES</b> <ul style="list-style-type: none"> <li>L1 Prismatic Lens</li> <li>L2 Linear Spread Lens</li> <li>L3 Softening Lens</li> <li>includes retaining ring</li> </ul>	Examples: LAPLACER L1 LAPLACER L2 LAPLACER L3
	<b>INTERNAL COLORED FILTERS</b> <ul style="list-style-type: none"> <li>FA Amber</li> <li>FG Green</li> <li>FGD Green Dichroic</li> <li>FLB Light Blue</li> <li>FM Mercury Vapor</li> <li>FMB Medium Blue</li> <li>FMBD Medium Blue Dichroic</li> <li>FR Red</li> <li>FRD Red Dichroic</li> <li>includes retaining ring</li> </ul>	Examples: CFPLACER FA CFPLACER FG CFPLACER FGD CFPLACER FLB CFPLACER FM CFPLACER FMB CFPLACER FMBD CFPLACER FR CFPLACER FRD

### The difference between the FLC and WSL lens

