

# SMR Solar LED Series

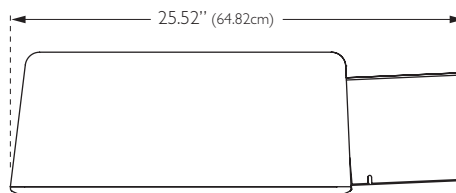
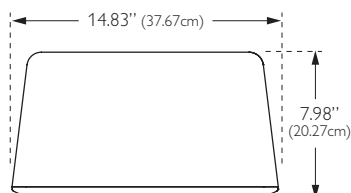
## SiteMaster Solar LED Medium Cutoff Luminaire -30-60W



Type:		Job:							Approvals:
Catalog Number:									
SMR				LED					Date: Page 1 of 4
Series	Finish	Distribution	Zone	LED	# of Fixtures	Wattage	Run Time	Battery Location	

**Ordering Example:** SMRTBK2PV03LED140DTDH

### Overall Dimensions *For Reference Only*



### Applications

High-output LED optics combined with energy-saving solar technology. SMR Solar LED luminaire for Solar LED System (TPM) which includes driver, batteries, solar panel and pole.

SMR Solar LED luminaire is ideal for any outdoor site and area application where tight light control is needed to prevent glare and light trespass. Perfect for roadways and parking lots.

#### EPA (sq ft)

single 1.5

**Weight:** 45 lbs 20.4 kg

### Specifications

#### Rated Life

60,000 hours.

#### Housing / Construction

One-piece die-cast aluminum housing. One-piece fully gasketed cast aluminum lens frame. Construction and gasketing prohibit dust, moisture, and bug entry. Integral cast aluminum heat sink ensures cool operation. Constructed to IP54. Suitable for Wet Locations.

#### Driver / Electrical

Electronic class II LED driver accepts 120-277V, 50/60 Hz input (constant current). Easily accessible splice box located in mounting arm. Functions in environments with temperatures that range from -30°C to 40°C.

#### LED Optical System

High-output LEDs. Individual precision optics collect and redirect light to optimize performance. LED optical system individually controls the placement of light in the target area minimizing glare. LEDs have an average rated life of 60,000 hours (L70). Fully tempered soda lime glass lens.

#### Distribution

Available in Type II and Type III distributions.

#### Mounting

Factory installed die-cast aluminum arm. Arm contains integral wiring/splice chamber via side access. Key slot design allows for single person hook and placement of fixture leaving hands free for wiring.

#### Finish

Polyester powder coating, 2.5 mil nominal thickness, electrostatically applied and oven cured to ensure extreme durability.

Note:

Solar LED series available in three colors only:

TBK = textured black, TWHT = textured white, or TDB = textured bronze.

To specify custom color, contact factory.

#### Warranty

Standard 5 Year Limited Warranty.

The current Philips Wide-Lite Warranty may be found at [www.wide-lite.com](http://www.wide-lite.com) (keyword: warranty) as well as the current Standard Terms and Conditions of Sale (keyword: terms).

*All sales of items in this catalogue shall be subject to the Philips Wide-Lite Standard Terms and Conditions of Sale current at the time of shipment. If you do not have a copy of the Philips Wide-Lite Warranty and Standard Terms, please contact the factory for same prior to ordering.*

Luminaire is specified as part of a TPM series Tilted Mount Solar Panel System.

To specify TPM series, see current spec sheet:

TPM Solar Panel System series	Tilted Mount Solar Panel System	WLSP0357
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To specify pole, see current spec sheet:

Poles for TPM Solar System	12-18 ft Round Tapered Poles	WLSP0358
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See also related Solar Panel System Component data sheets:

SPA 80	80W Solar Power Array	WLSP0359
SPA 100	100W Solar Power Array	WLSP0360
SPA 125	125W Solar Power Array	WLSP0361
Solarized Electronics (Sol)	SC300 / LED Driver	WLSP0362
NRGLife Gold	Gel Cell Battery	WLSP0363

Philips Wide-Lite Professional Luminaires reserves the right to change specifications and dimensions without notice. Lamp and electrical specifications / availability subject to change by manufacturer without notice. Please refer to detailed specification sheets for additional information and spec details.

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# SMR Solar LED Series

## SiteMaster Solar LED Medium Cutoff Luminaire -30-60W

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SiteMaster Cutoff Solar LED  
SMR Solar LED



**Ordering Example:** SMRTBK2PV03LED140DTDH

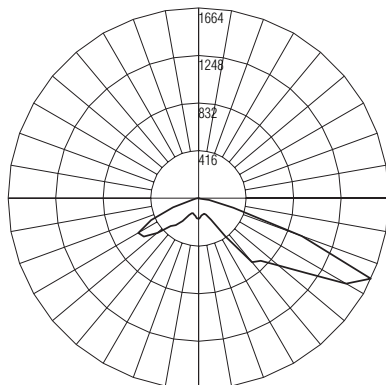
Series	Finish	Distribution	Zone	LED	# of Fixtures	Wattage	Run Time	Battery Location
<input checked="" type="checkbox"/> <b>SMR</b>	<input type="checkbox"/> <b>TBK</b> Textured Black  <input type="checkbox"/> <b>TWHT</b> Textured White  <input type="checkbox"/> <b>TDB</b> Textured Dark Bronze  Contact factory for additional color availability.	<input type="checkbox"/> <b>2</b> Type II  <input type="checkbox"/> <b>3</b> Type III	<input type="checkbox"/> <b>PV01</b> <input type="checkbox"/> <b>PV02</b> <input type="checkbox"/> <b>PV03</b> <input type="checkbox"/> <b>PV04</b> <input type="checkbox"/> <b>PV05</b> <input type="checkbox"/> <b>PV06</b> <input type="checkbox"/> <b>PV07</b> <input type="checkbox"/> <b>PV08</b> <input type="checkbox"/> <b>PV09</b> <input type="checkbox"/> <b>PV10</b> <input type="checkbox"/> <b>PV11</b> <input type="checkbox"/> <b>PV12</b> <input type="checkbox"/> <b>PV13</b> <input type="checkbox"/> <b>PV14</b> <input type="checkbox"/> <b>PV15</b> <input type="checkbox"/> <b>PV16</b> <input type="checkbox"/> <b>PV17</b> <input type="checkbox"/> <b>PV18</b> <input type="checkbox"/> <b>PV19</b> <input type="checkbox"/> <b>PV20</b>  Zone based on geographic location (Zip Code). Consult factory.	<input checked="" type="checkbox"/> <b>LED</b>	<input type="checkbox"/> <b>1</b> Single  <input type="checkbox"/> <b>2</b> Double (available in 30W only)	<input type="checkbox"/> <b>30</b>  <input type="checkbox"/> <b>40</b>  <input type="checkbox"/> <b>60</b>	<input type="checkbox"/> <b>DTD</b> Dusk-to-Dawn  <input type="checkbox"/> <b>5/0/0</b> 5 hours after dusk  <input type="checkbox"/> <b>6/0/2</b> 6 hours after dusk, 2 hours before dawn  <input type="checkbox"/> <b>6/0/8@50%</b> 6 hours full power after dusk, and 8 hours 1/2 power to dawn	<input type="checkbox"/> <b>L</b> 8 feet above grade  <input type="checkbox"/> <b>H</b> Pole top

Note: For factory installed adjustable arm mounting option 'A', consult factory.

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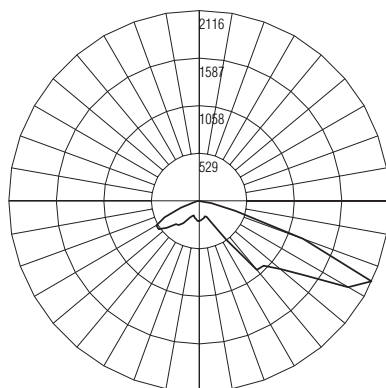
## SiteMaster Solar LED Medium Cutoff Luminaire -30-60W

Type:	Job:	Page 3 of 4
Photometric Data		



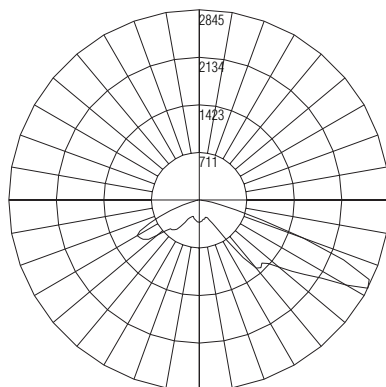
### Characteristics - 30 Watt

IES Classification	Type II
Longitudinal Classification	Short
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	N.A. (absolute)
Total Lumens	N.A. (absolute)
Luminaire Lumens	1827
Total Luminaire Efficiency	N.A.
Downward Total Efficiency	N.A.
Maximum Candela	1664
Maximum Candela Angle	75H 65V
Maximum Candela At 90 Degrees Vertical	1 (0.1% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	115 (6.3% Luminaire Lumens)
Total Luminaire Watts	30
Ballast Factor	1.00



### Characteristics - 40 Watt

IES Classification	Type II
Longitudinal Classification	Short
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	N.A. (absolute)
Total Lumens	N.A. (absolute)
Luminaire Lumens	2376
Total Luminaire Efficiency	N.A.
Downward Total Efficiency	N.A.
Maximum Candela	2116
Maximum Candela Angle	70H 65V
Maximum Candela At 90 Degrees Vertical	2 (0.1% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	145 (6.1% Luminaire Lumens)
Total Luminaire Watts	40
Ballast Factor	1.00



### Characteristics - 60 Watt

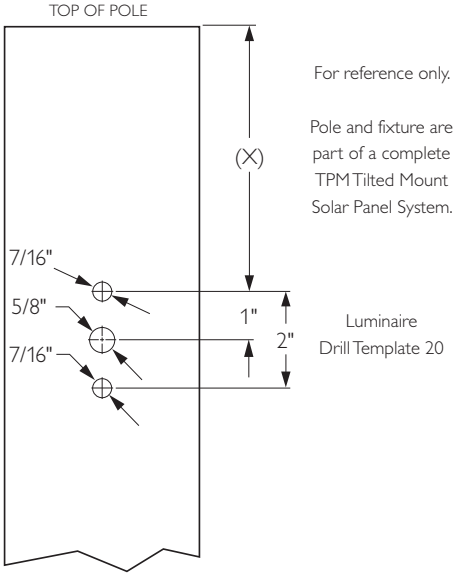
IES Classification	Type III
Longitudinal Classification	Short
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	N.A. (absolute)
Total Lumens	N.A. (absolute)
Luminaire Lumens	3343
Total Luminaire Efficiency	N.A.
Downward Total Efficiency	N.A.
Maximum Candela	2845
Maximum Candela Angle	75H 62.5V
Maximum Candela At 90 Degrees Vertical	30 (0.9% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	225 (6.7% Luminaire Lumens)
Total Luminaire Watts	60
Ballast Factor	1.00

# SMR Solar LED Series

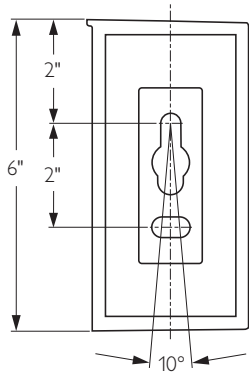
## SiteMaster Solar LED Medium Cutoff Luminaire -30-60W

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### Drill Template



### Mounting Arm Key Slot Detail



### Notes

