

# C-AR-A-DD1 Series

LED Dusk to Dawn Light w/ Photocell | Field Selectable CCT & Wattage

Replaces up to 250W PSMH

**C-LITE**  
LED LIGHTING

## A ROBUST DUSK TO DAWN LIGHT YOU CAN RELY ON

A perfect replacement for a 175W MH up to a 250W PSMH, this cULus Listed LED Dusk to Dawn with Photocell can't be beat. It delivers up to 12,100 lumens, features a gray, rugged die-cast aluminum housing with long-lasting powder-coat finish, and is easy to install. A rotatable twist-lock photocell is included - no need to purchase separately! It's backed by our standard 5-year warranty, ensuring you're covered when it comes to durability and dependability.



## PRODUCT SPECIFICATIONS

### OVERVIEW

- Initial Delivered Lumens: Up to 6000 Lumens (**S6L**), Up to 8900 Lumens (**S9L**), Up to 12,100 Lumens (**S12L**)
- CRI:  $\geq 70$
- CCT: Field selectable: 3000K, 4000K or 5000K
- Max Input Power: 37W (**S6L**), 54W (**S9L**), 73W (**S12L**)
- Operating Temperature Range: -40°F to 104°F (-40°C to 40°C)
- Estimated  $L_{70}$  Lifetime @ 25°C: > 100,000 hours
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Limited Warranty: 5 Years\*
- Replaces 175W MH (**S6L**), 250W MH (**S9L**), 250W PSMH (**S12L**)

FEATURES	RECOMMENDED USE	INPUT VOLTAGE
<ul style="list-style-type: none"><li>Up to 162 LPW (Lumens Per Watt)</li><li>Included rotatable 3-pin NEMA photocell receptacle with photocell included</li><li>CCT &amp; Wattage selectable technology</li><li>FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions</li></ul>	<ul style="list-style-type: none"><li>General Area Lighting</li><li>Security</li><li>Yard and Dock</li></ul>	<ul style="list-style-type: none"><li>Universal (120V - 277V)</li></ul>

### ORDERING INFORMATION

Example SKU: C-AR-A-DD1-S6L-SCCT-GR

C-AR	A	DD1		SCCT	GR
PRODUCT	SERIES	TYPE	LUMEN PACKAGE*	FIELD SELECTABLE CCT	HOUSING COLOR
C-AR	A	DD1 Dusk to Dawn	<b>S6L</b> Up to 6000 Lumens <b>S9L</b> Up to 8900 Lumens <b>S12L</b> Up to 12,100 Lumens	<b>SCCT</b> Warm White (3000K) Neutral White (4000K)* Cool White (5000K)	<b>GR</b> Gray

\*Default settings at time of shipping are highest product wattage and 4000K.

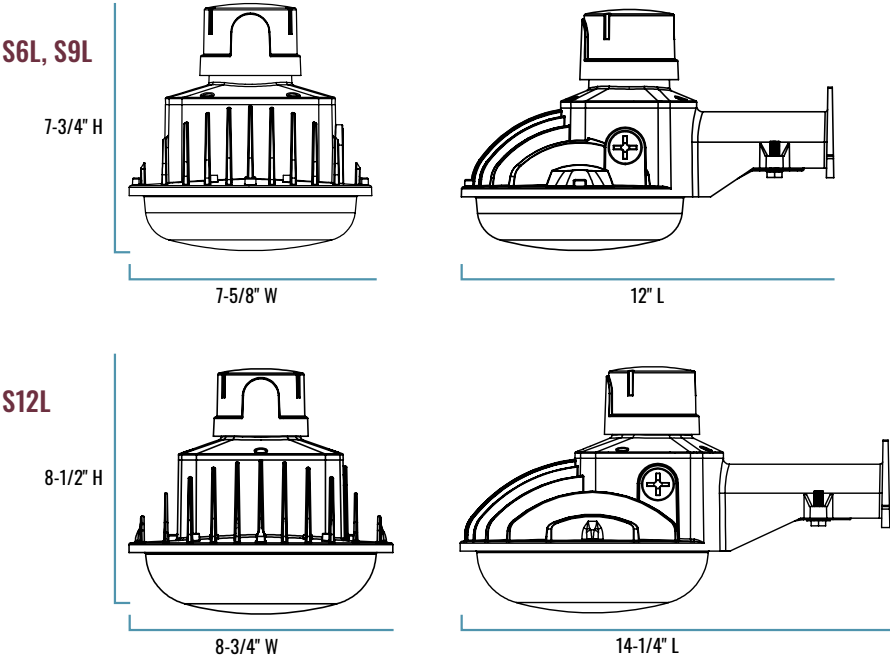
### CERTIFICATIONS:



CA RESIDENTS WARNING: Cancer and Reproductive Harm –  
[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)



# C-AR-A-DD1 Series



## SERIES OVERVIEW

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
12" L x 7-5/8" W x 7-3/4" H (S6L)	4.06 lbs.	12 to 30 feet	4 to 5 times the mounting height
12" L x 7-5/8" W x 7-3/4" H (S9L)	4.62 lbs.		
14-1/4" L x 8-3/4" W x 8-1/2" H (S12L)	6.73 lbs.		

## FIXTURE SPECIFICATIONS

HOUSING	Gray, rugged die-cast aluminum housing with long-lasting powder-coat finish
LENS ASSEMBLY	UV-stabilized acrylic prismatic refractor with white polycarbonate reflector
MOUNTING	Can be mounted to a pole arm diameter ranging in size from 1.57" to 1.77" (standard arm size). Direct mount and clamp (for mounting to existing arm) is included. Mounting arm sold separately.

## LUMINAIRE AND ELECTRICAL PERFORMANCE

OPERATING TEMPERATURE RANGE	ESTIMATED L <sub>70</sub> LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION
-40°F to 104°F (-40°C to 40°C)	> 100,000 hours	≥0.9 at full load	< 20% at full load

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LUMEN PACKAGE	INITIAL DELIVERED LUMENS*				SYSTEM WATTS	CURRENT DRAW (AMPS)			
	3000K	BUG RATINGS** PER TM-15-20	4000K/5000K	BUG RATINGS** PER TM-15-20		120V	208V	240V	277V
S6L	5625	B2-U0-G2	6000	B2-U0-G2	37	0.31	0.18	0.15	0.13
	4380	B2-U0-G2	4640	B2-U0-G2	27	0.23	0.13	0.11	0.10
	3040	B1-U0-G1	3200	B1-U0-G1	18	0.15	0.09	0.08	0.06
S9L	8525	B3-U0-G3	8900	B3-U0-G3	54	0.45	0.26	0.23	0.19
	6475	B2-U0-G2	6850	B2-U0-G2	41	0.34	0.20	0.17	0.15
	4460	B2-U0-G2	4680	B2-U0-G2	27	0.23	0.13	0.11	0.10
S12L	11,425	B3-U0-G3	12,100	B3-U0-G3	73	0.61	0.35	0.30	0.26
	8675	B3-U0-G3	9175	B3-U0-G3	55	0.46	0.26	0.23	0.20
	6125	B2-U0-G2	6425	B2-U0-G2	37	0.31	0.18	0.15	0.13

\* Default settings at time of shipping are highest product wattage and 4000K.  
\*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt.

## WARRANTY AND CERTIFICATIONS

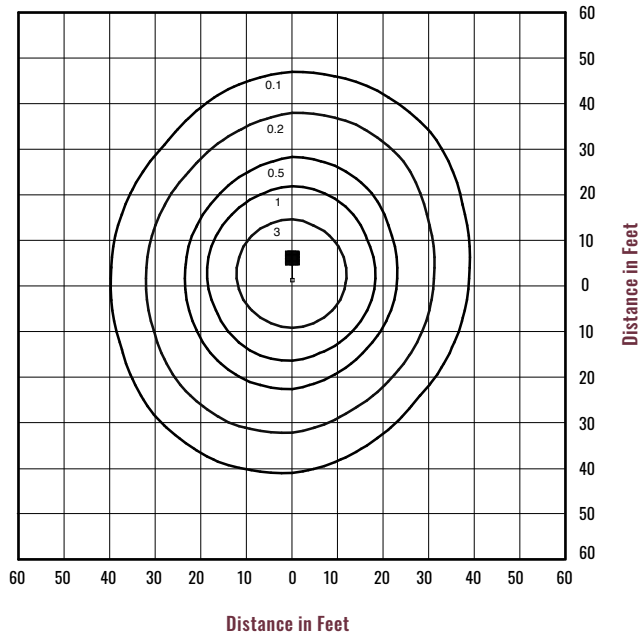
WARRANTY	cULus LISTED	DLC
5-Year Limited*	Wet Locations	5.1 Premium Refer to <a href="https://www.designlights.org/search/">https://www.designlights.org/search/</a> for most current information.

# C-AR-A-DD1 Series

## ISO PLOT CHARTS

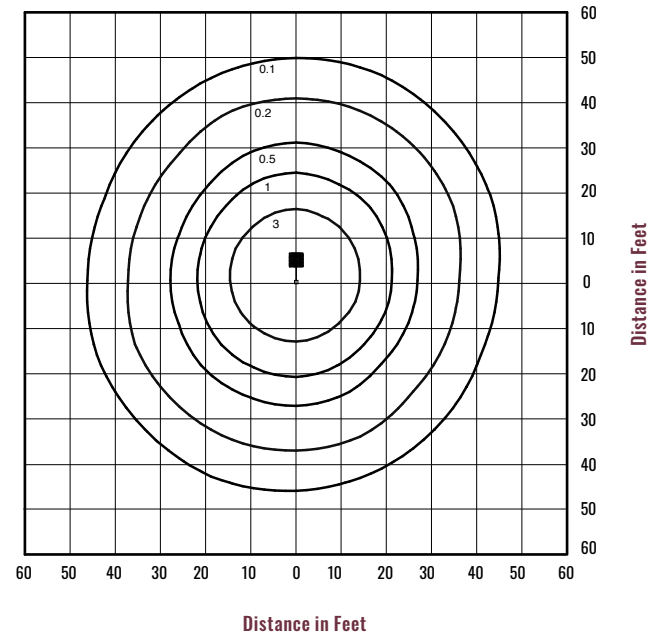
### C-AR-A-DD1-S6L-SCCT-GR (4000K)

Mounting Height: 12'



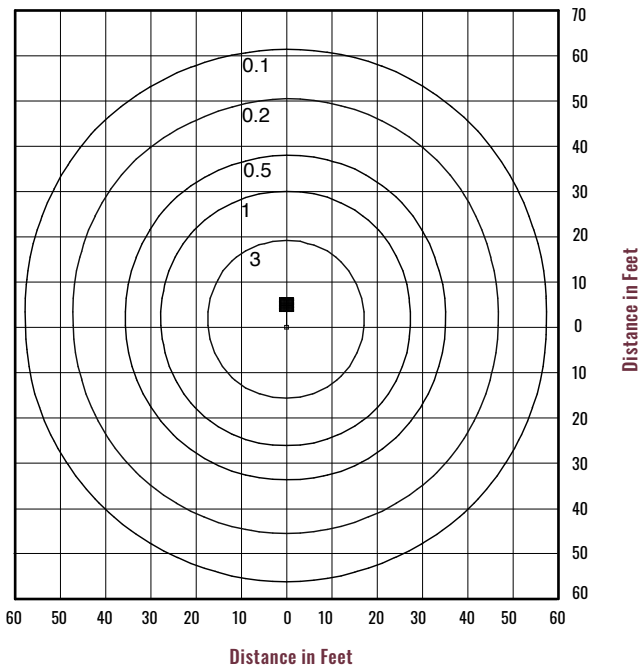
### C-AR-A-DD1-S9L-SCCT-GR (4000K)

Mounting Height: 12'



### C-AR-A-DD1-S12L-SCCT-GR (4000K)

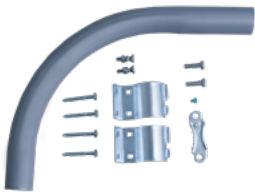

Mounting Height: 15'



**Note:** All published photometric testing performed to IES LM-79 standards. Fixture photometry was completed on a single representative fixture. Foot candle levels are noted inside graph.

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## ACCESSORIES (SOLD SEPARATELY)

	<b>MOUNTING ARM KIT</b>  <b>SKU:</b> C-ACC-A-SMDDPOLE-GR <b>USE:</b> For pole mounting.
	<b>120-277V NEMA PHOTOCELL   3-PIN</b>  <b>SKU:</b> C-ACC-A-PCELL-NEMA3-LV <b>USE:</b> Can be used if a replacement photocell is needed on the product.

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**US:** [creelighting.com](http://creelighting.com), [e-conolight.com](http://e-conolight.com)

**Distribution/Sales:** 855-617-2733 **Customer Service:** 888-243-9445

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