

# SC25C3 Astra LED Dusk-To-Dawn Utility Light



<b>Project Information</b>	
Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

The DuraGuard SC25C3 Dusk-to-Dawn Utility Light is available in an energy efficient 40 watt size with an optional slip-fit easy mounting galvanized pipe bracket and an optical distribution designed to replace HID lighting systems from 100w to 175w MH or HPS. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 10 to 20 feet can be used based on light level and uniformity requirements.

**SPECIFICATIONS AND FEATURES:**

**HOUSING:**

Die Cast Gasketed Aluminum Housing with Integral Heat Sinking. Nickel-Plated Stainless Steel Hardware. Dusk to Dawn Automatic Photocell Included.

**LISTING & RATINGS:**

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP66 Sealed LED Compartment.

**FINISH:**

Textured Architectural Gray Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

**LENS:**

Clear Prismatic Polycarbonate Lens

**REFLECTOR:**

White Reflector

**MOUNTING OPTIONS:**

Wall Mount with Built-in Arm Bracket, or Use Optional 12" Mounting Arm for Additional Extension

**DURAGUARD COB:**

Type V Distribution

**WATTAGE:**

COB: 40w; System: 41.6w (175w HID Equivalent)

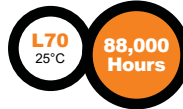
**DRIVER:**

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

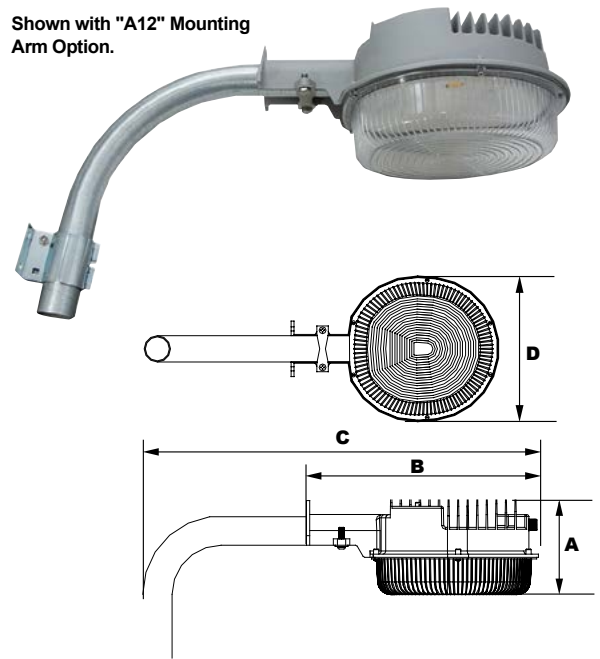
**WARRANTY:**

5-Year Warranty for -40°C to +40°C Environment.

See Page 2 for Projected Lumen Maintenance Table.



Shown with "A12" Mounting Arm Option.



**Dimensions**

<b>Width (D)</b>	10" (255mm)
<b>Length (B)</b>	14 1/2" (364mm)
<b>Length with Arm (C)</b>	24 1/2" (621mm)
<b>Height (A)</b>	5 1/8" (148mm)

**DuraLED TECHNOLOGY**

Complete Units  
Ordering Information  
Example: SC25C31X40U41KGA12

## SC25C3 Astra LED Dusk-To-Dawn Utility Light


SC25C3	1X40	U	41K		
Model	Wattage	Driver	CCT	Color	Options
SC25C3=Astra LED Dusk-To-Dawn Utility Light	1X40=40w	U=120-277V	41K=4100K	G=Gray C=Custom (Consult Factory)	
					A12=Mounting Arm SF=Single Fuse DF=Double Fuse SP=Surge Protection







# SC25C3 Astra LED Dusk-To-Dawn Utility Light




## EPA (EFFECTIVE PROJECTED AREA) SHOWN WITH 12" MOUNTING ARM.

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	0.40	8 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 2@180° Mount	0.80	16 Lbs
 2@90° Mount	0.55	16 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 3@90° Mount	0.88	24 Lbs
 3@120° Mount	0.80	24 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 4@90° Mount	0.88	32 Lbs



Mounting Accessories (Order Separately, Field Installed)	
SCMA12	12" Galvanized Mounting Arm and Wall Bracket. 1 1/2" O.D., 12"H x 12"D.

Accessories (Order Separately, Field Installed)	
SC25SHB	Cutoff Shield, UV-Resistant Black Molded Polycarbonate.

\*Shown Mounted

## PHOTOMETRIC PERFORMANCE

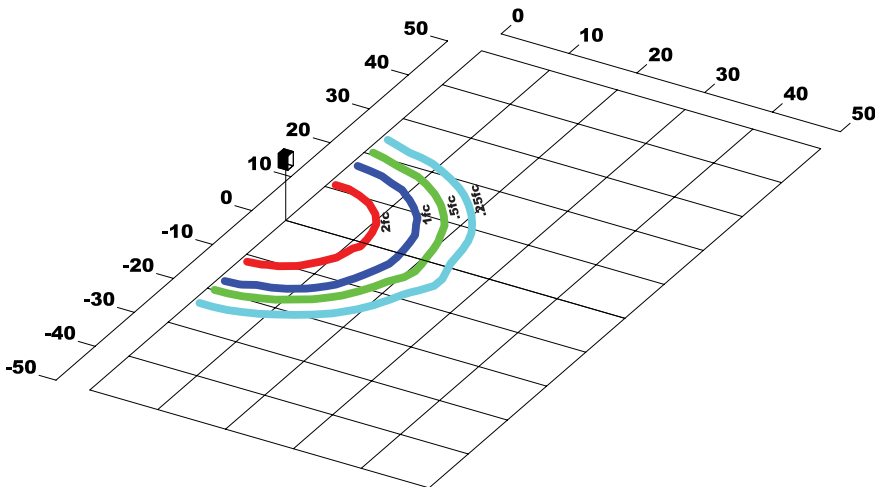
LED Board Watts	Drive Current (mA)	Input Watts	Distribution	4100 CCT 80 CRI				
				Lumens	LPW	B	U	G
DuraGuard COB 40w	1050	42	Type V	3,872	92	2	3	1

## PROJECTED LUMEN MAINTENANCE

Data shown for 5000 CCT		Compare to MH					
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C	
L70 Lumen Maintenance @ 25°C / 77°F	42	1.00	0.91	0.83	0.66	88,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C	
L70 Lumen Maintenance @ 50°C / 122°F	42	1.00	0.90	0.79	0.58	72,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C	
L80 Lumen Maintenance @ 40°C / 104°F	42	1.00	0.90	0.80	0.61	51,000	

- NOTES:  
 1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 1050mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.  
 2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

## PHOTOMETRIC DATA



SC25C31X40U41K  
Type V

Grid in MH  
MH=10 Feet

Specifications subject to change without notice.