

PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.

TYPE: _____ DATE: _____

JOB NAME: _____

CONTRACTOR: _____

CATALOG NO: _____

NOTES: _____

PSC25C3

LED Dusk-To-Dawn Utility Light

HOUSING

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

LISTINGS AND RATINGS

- CSA: Listed for Wet Locations, ANSI/UL 1598, 8750
- IP55 Sealed LED Compartment. Meets Dark Sky Requirements.



FINISH

- Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating
- Custom Colors Available Upon Request

LENS

- Clear Prismatic Polycarbonate Lens

REFLECTOR

- White Reflector

COB LED

- 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.

ORDERING INFORMATION

Example: PSC25C31X40U41KGA12

MODEL	WATTAGE	DRIVER	CCT	COLOR	OPTIONS
PSC25C	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

L70
25°C **88,000 Hours**

Shown with "A12" Mounting Arm Option.



The PSC25C3 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.

MOUNTING OPTIONS

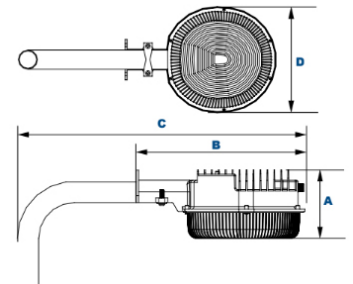
- Wall Mount with Built-in Arm Bracket, or Use Optional 12" Mounting Arm for Additional Extension

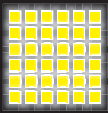
WARRANTY

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

DIMENSIONS

Dimensions	
Width (D)	10" (255mm)
Length (B)	14 3/4" (364mm)
Length with Arm (C)	24 1/2" (621mm)
Height (A)	5 1/4" (148mm)





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EPA (Effective Projected Area) w/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

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

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

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

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

ACCESSORIES AND REPLACEMENT PARTS



SCMA12



SC25SHB*

*Shown Mounted

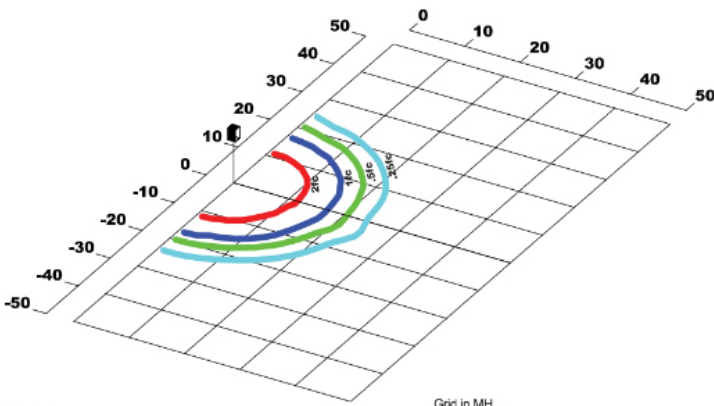
Mounting Accessories (Order separately, Field installed)

SCMA12 12" Galvanized Mounting Arm and Wall Bracket. 1 1/4" O.D., 12"H x 12"D

Accessories (Order separately, Field installed)

SC25SHB Cutoff Shield, UV-Resistant Black Molded Polycarbonate.

PHOTOMETRIC DATA



Type V

PHOTOMETRIC PERFORMANCE

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

PROJECTED LUMEN MAINTENANCE

Data shown for 4100 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.