EcoLite™
Leader in LED Lighting

LUNAR DUSK TO DAWN BARN LIGHT
SPECIFICATION SHEET
ECO-LS-2STL

Lunar Dusk To Dawn Barn Light I

ECO-LS-2STL
120–277 V



KEY SPECS

POWER	COLOR	EFFICACY	OPTICS
55W	1CCT	130lm/W	135°
Rated output	5000 K	System efficacy	Beam angle

Lunar Dusk To Dawn Barn Light is a corrosion-resistant outdoor luminaire built on a heavy die-cast aluminum housing with a bronze powder-coated finish and a frosted polycarbonate lens. Lumileds 3030 LEDs deliver a wide 135° distribution for broad area coverage, and a built-in dusk-to-dawn photocell switches the fixture automatically. The universal 120–277 V driver and IP65 construction suit demanding wet-location installs, mounting by wall bracket or bend-pipe pole. ETL, cETL, and DLC listed for utility rebate eligibility, backed by EcoLite's 10-year non-prorated warranty.

- Area & site lighting
- Barn & farm lighting
- Building & wall lighting
- Warehouse lighting

FEATURES

01 IP65 rated for wet locations
02 Built-in dusk-to-dawn photocell
03 Corrosion and rust proof housing
04 135° wide-beam distribution
05 130 lm/W efficacy
06 50,000-hour lifetime

ETL LISTED US · cETL LISTED US · DLC LISTED · 10 Year Non-Prorated Warranty · IP65 INGRESS PROTECTED · 130+ LM/W HIGH EFFICACY

01 ORDER INFORMATION

SKU / MODEL	WATTAGE	CCT	VOLTAGE
ECO-LS-2STL-55W-120V-50K-U	55 W	5000 K	120–277 V

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	55 W
LED Driver	UL-listed KHM brand
Wattage	40 W
Lumen Output	5,200 lm
Power Factor	130 lm/W
CRI	>72
Color Temperature (CCT)	5000 K
Input Voltage	120–277 V AC
Beam Angle	135°
Operating Temperature	-20 to +45°C
Junction Temperature	<75°C
Lamp Efficiency	≥90%
Certifications	ETL, cETL, DLC
HID Equivalent	80–100 W MH/HPS

03 ACCESSORIES & MOUNTING



EMERGENCY BATTERY BACKUP 18W

ECO-LS-EMWC18W



POLE MOUNT

ECO-LS-POLE-FOR-THE-BARN-LIGHT

04 DIMENSIONS

MODEL	LENGTH	WIDTH	HEIGHT
ECO-LS-2STL-55W-120V-50K-U	10.3” / 262 mm	4.3” / 109 mm	4.3” / 109 mm

Rectangular footprint · Dimensions ±0.2” · inches [mm]

05 SAFETY WARNING

⚠ READ BEFORE INSTALLATION

1. Installation must be performed by a qualified, licensed electrician in accordance with all applicable national and local electrical codes.