EcoLite™
Leader in LED Lighting

ARCTURUS SELECT AREA LIGHT
SPECIFICATION SHEET
ECO-X-TPLA

Arcturus Select Area Light II

ECO-X-TPLA

120-277





KEY SPECS

POWER	COLOR	EFFICACY	OPTICS
240–600W	**1CCT**	**Up to 180lm/W**	**III**
Field-selectable output	5000 K	System efficacy	NEMA distribution

Arcturus Select Area Light is a high-output sports-venue luminaire built on a rugged die-cast aluminum housing with flow-through venting for superior thermal management and a sealed, 3G vibration-rated body that minimizes wind load. The fixture pairs a wattage-selectable 5000K LED engine with a Tennis Court Type III or Sports Field optic for precise on-court uniformity. A 0–10V continuous-dimmable driver accepts 120–277, 120–347, or 277–480 VAC input with 20 kV surge protection. Slipfitter, pole arm, trunnion, yoke, wall, and universal-bracket mounting hardware is available. cULus wet-location listed and DLC Qualified, backed by EcoLite's 10-year non-prorated warranty.

- Tennis & pickleball courts
- Community & school sports venues
- Corporate recreation facilities
- Non-professional competition fields

FEATURES

01 Field-selectable wattage (400/320/240 W or 600/480/360 W)

02 5000K color temperature

03 Up to 180 lm/W efficacy

04 Tennis Court Type III and Sports Field optics

05 0–10V continuous dimming with 20 kV surge protection

06 3G vibration-rated die-cast aluminum housing

c UL us LISTED

DLC LISTED

10 year Non-Prorated WARRANTY

POWER SELECT
MULTI-WATTAGE

0–10V
DIMMING

WET LOCATION
OUTDOOR RATED

01 ORDER INFORMATION

SKU / MODEL	WATTAGE	CCT	VOLTAGE
ECO-X-TPLA400W50KUVTCDC	240/320/360/400 W	5000 K	120-277
ECO-X-TPLA400W50KUVTCGC	240/320/360/400 W	5000 K	120-277
ECO-X-TPLA400WS50KHVTCDC	240/320/360/400 W	5000 K	120-277
ECO-X-TPLA400WS50KHVTCGC	240/320/360/400 W	5000 K	120-277
ECO-X-TPLA400WS50KUVTCBC	240/320/360/400 W	5000 K	120-277
ECO-X-TPLA600W50KUVTCDC	360/400/480/600 W	5000 K	120-277
ECO-X-TPLA600WS50KHVTCDC	360/400/480/600 W	5000 K	120-277
ECO-X-TPLA600WS50KHVTCGC	360/400/480/600 W	5000 K	120-277
ECO-X-TPLA600WS50KUVTCBC	360/400/480/600 W	5000 K	120-277
ECO-X-TPLA600WS50KUVTCGC	360/400/480/600 W	5000 K	120-277

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	240/320/360/400 W	360/400/480/600 W
Wattage	240 / 320 / 400 W	360 / 480 / 600 W
Lumen Output	42,050 / 55,200 / 68,000 lm	63,300 / 83,050 / 101,450 lm
Efficacy (lm/W)	Up to 177 lm/W	Up to 180 lm/W
Color Temperature (CCT)	5000K	
CRI	>70	
Input Voltage	120–277 VAC / 120–347 VAC / 277–480 VAC (50/60 Hz)	
Surge Protection	L/N–PE: 20 kV, L–N: 20 kV	
Power Factor	≥ 0.9	
THD	≤ 20%	
Dimming	0–10V continuous, min dim 0% (dimming leads available on request)	
Optics	Type III	
Housing	Die-cast aluminum, sealed, 3G vibration rated	
Finish	Dark bronze standard; dark green (RAL6005) or black available	

SPECIFICATION	240/320/360/400 W	360/400/480/600 W
Operating Temperature	-40°F to 122°F (-40°C to 50°C)	
Certifications	cULus wet location; DLC Qualified	

03 ACCESSORIES & MOUNTING



HORIZONTAL POLE MOUNT ADAPTER
ECO-X-AP-PM-HT-2-A



LED DRIVER MODULE 200W
ECO-X-TPLA-200WM-A



EMERGENCY BATTERY BACKUP 8W
ECO-X-EBB021-8WDC



ADJUSTABLE POLE MOUNT DARK BRONZE
ECO-X-ALHAAMD02



SLIP FITTER MOUNT DARK BRONZE
ECO-X-ALHSPMD01



SLIP FITTER MOUNT DARK GREEN
ECO-X-ALHSPMG01



POLE MOUNT BRACKET DARK BRONZE
ECO-X-ALHSQMD02



TRUNNION MOUNT DARK BRONZE
ECO-X-ALHTRMD01



UNIVERSAL MOUNT BRACKET DARK BRONZE
ECO-X-ALHUVMD01



WALL MOUNT BRACKET DARK BRONZE
ECO-X-ALHWMD01



YOKE MOUNT DARK BRONZE
ECO-X-YKMD01



REMOTE CONTROLLER FOR SENSOR
ECO-X-HD06R

04 DIMENSIONS

MODEL	LENGTH	WIDTH	HEIGHT	WEIGHT
ECO-X-TPLA400W50KUVTCDC	23.1" / 587 mm	18.2" / 462 mm	2.3" / 58 mm	23.15 lb
ECO-X-TPLA600W50KUVTCDC	31" / 787 mm	18.2" / 462 mm	2.3" / 58 mm	27.12 lb

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.