



LED DUSK TO DAWN STREET LIGHT

Features

- Suitable for WET location/Outdoor
- Consumes 45W to replace 100W MH light and 70W to replace 175W MH light
- Outstanding thermal solution allows for usage in commercial application
- Built-in UL class 2 driver, optional for photocell
- Optional steel powder coated arm
- Available in durable polyester dark bronze or silver grey powder coat
- UL/cUL listed and DLC qualified



Applications

- Backyards, service road and effective for security and perimeter lighting



Specification

Specification/ Model	ST45W27V50KADP0	ST70W27V50KADP0
Input Power	45W	70W
Lumens output	4927lm	7000lm
Efficacy	110lm/W	111lm/W
CRI	72	
Color Temperature	5000K	
Input Voltage	120-277V	120-277V
Finish Color	Dark Bronze	
Optical Lens	Polycarbonate (UL Recognized) (f1) Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C	
Mounting	Wall mount directly and steel arm	
Photocell	120V-277VAC (UL and CSA listed)	

Ordering Guide

EXAMPLE: ST 45W 27V 40K A D P0

Fixture Type	Power Consumption	Input Voltage	CCT	Series	Finish	Sensor (Option)
ST DUSK TO DAWN LED STREET LIGHT	45W 45Watts	27V 120-277V	40K 4000K	A A Series	D Dark Bronze	P0 120-277V Photocell
	70W 70Watts		50K 5000K		SG Silver Grey	Blank without Photocell

Ordering Information

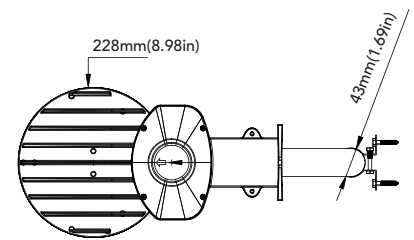
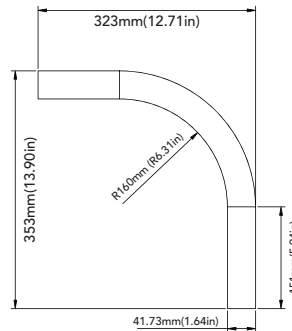
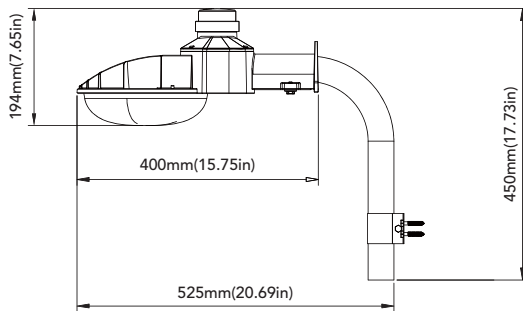
Ordering Code	Rated voltage(VAC)	Luminaire Type	Wattage (W)	CCT	Initial	Luminaire	Rated	CRI	Power	Photocell	Certificate
					Lumens(lm)	Efficacy(lpw)	life(hrs)		Factor		
ST45W27V40KAD	120-277	DUSK TO DAWN LED STREET LIGHT	45	4000K	4927	110	50000	72	0.9	NO	DLC UL
ST45W27V40KADP0	120-277	DUSK TO DAWN LED STREET LIGHT	45	4000K	4927	110	50000	72	0.9	YES	DLC UL
ST45W27V50KAD	120-277	DUSK TO DAWN LED STREET LIGHT	45	5000K	5000	111	50000	72	0.9	NO	DLC UL
ST45W27V50KADP0	120-277	DUSK TO DAWN LED STREET LIGHT	45	5000K	5000	111	50000	72	0.9	YES	DLC UL
ST70W27V40KAD	120-277	DUSK TO DAWN LED STREET LIGHT	70	4000K	6700	96	50000	72	0.9	NO	DLC UL
ST70W27V40KADP0	120-277	DUSK TO DAWN LED STREET LIGHT	70	4000K	6700	96	50000	72	0.9	YES	DLC UL
ST70W27V50KAD	120-277	DUSK TO DAWN LED STREET LIGHT	70	5000K	7000	100	50000	72	0.9	NO	DLC UL
ST70W27V50KADP0	120-277	DUSK TO DAWN LED STREET LIGHT	70	5000K	7000	100	50000	72	0.9	YES	DLC UL
ST45W27V40KASG	120-277	DUSK TO DAWN LED STREET LIGHT	45	4000K	4927	110	50000	72	0.9	NO	DLC UL
ST45W27V40KASGP0	120-277	DUSK TO DAWN LED STREET LIGHT	45	4000K	4927	110	50000	72	0.9	YES	DLC UL
ST45W27V50KASG	120-277	DUSK TO DAWN LED STREET LIGHT	45	5000K	5000	111	50000	72	0.9	NO	DLC UL
ST45W27V50KASGP0	120-277	DUSK TO DAWN LED STREET LIGHT	45	5000K	5000	111	50000	72	0.9	YES	DLC UL
ST70W27V40KASG	120-277	DUSK TO DAWN LED STREET LIGHT	70	4000K	6700	96	50000	72	0.9	NO	DLC UL
ST70W27V40KASGP0	120-277	DUSK TO DAWN LED STREET LIGHT	70	4000K	6700	96	50000	72	0.9	YES	DLC UL
ST70W27V50KASG	120-277	DUSK TO DAWN LED STREET LIGHT	70	5000K	7000	100	50000	72	0.9	NO	DLC UL
ST70W27V50KASGP0	120-277	DUSK TO DAWN LED STREET LIGHT	70	5000K	7000	100	50000	72	0.9	YES	DLC UL

Energy Saving Replacement

MESTER MODEL	Replacing
ST45W27VXXKAYY	100W MH
ST70W27VXXKAYY	175W MH

Dimension

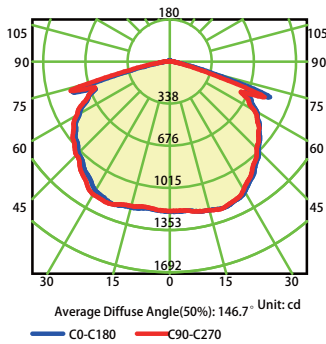
unit: mm/inch



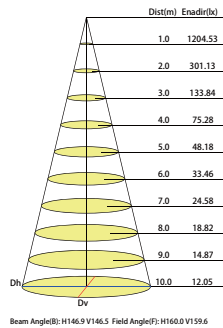
Photometrics

ST45W27V40KAY

Luminous Intensity Distribution Curve

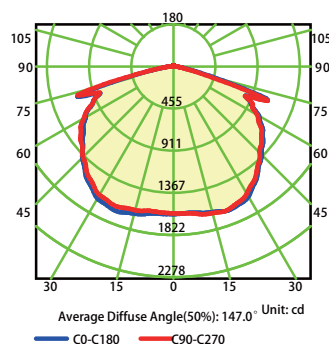


Illuminance at a Distance



ST70W27V40KAY

Luminous Intensity Distribution Curve



Illuminance at a Distance

