

Product Description

The Array DD offers traditional dusk to dawn features with softened edges for a versatile look, that complements many applications with adjustable color temperature and power. High performance, energy efficient solution uses precision-engineered optics to provide exceptional illumination. Excellent for parking lots, municipal, DOT, industrial areas, residential, sidewalks, schools and local streets.

> Quick Ship - In Stock, Ready to Ship

Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

Performance Summary

- Energy-efficient Philips Lumileds SMD LEDs with high efficacy >140 Lm/W
- USA assembled product with quick warranty support
- In stock and ships from several U.S. locations for quick delivery
- Easy access to control switch for a range of CCT's from 3000K, 4000K, to 5000K
- Patented design with high quality components, excellent choice for retrofitting
- Wattage selectable switch allows for a wide range of lumen outputs
- Solid State with high-shock and vibration resistance
- High lumen maintenance exceeds DOE requirements
- 1/9th LED micro color binning enables tight color control
- Aviation grade die cast aluminum housing with flat silver or bronze finish
- Housing is sandblasted and polished for corrosion resistance, rust free and fadeless
- Streamlined housing, no rough edges or scraping, with SUS316 stainless steel hardware
- Housing and driver compartment is one piece to maximize heat dissipation
- CNC machined LED boards are flatness controlled to 0.1mm to speed up heat dissipation
- Copper condensation valve balances the air pressure and prevents water vapor accumulation
- High quality and efficient thermal heatsinks for long life
- Cooling fins are added to the heatsink for low temperature and higher efficiency
- Shatterproof polycarbonate anti-glare diffused lens over the LEDs
- Patented double waterproofing design on the radiator and module to prevent condensation
- Advanced constant current Sosen power supply with 6KV surge protection
- Fast turn on with no warm up or cold start issues
- High power factor with IC controlled LED circuits and low THD driver
- Low junction temperature for long life and low lumen depreciation
- Instant illumination and restrike with no warm up or cold start issues
- Contains no mercury, lead, infrared or UV radiation and cool to the touch
- Includes installed dusk to dawn photocell
- Commercial CRI: RA>70
- Operating temperature: -40 to 44 degrees celsius
- 100,000 hour LED life - IP65 rated for outdoor locations
- Certifications: CE, RoHS, FCC, UL, cULus, DLC
- 10 year limited warranty

Array DD

Wattage and CCT Selectable Dusk to Dawn
LED Luminaire



Mast Arm Dimensions:
9.3" (L) x 14.9" (W) and 1.57" (R)
106 Degree Angle

Models:

- WDDD0545: 18W/27W/36W/45W - 6,200 Lm - 14.2" (L) x 7.6" (W)
- WDDD0565: 26W/39W/52W/65W - 8,800 Lm - 14.2" (L) x 7.6" (W)
- WDDD0580: 32W/48W/64W/80W - 12,000 Lm - 14.2" (L) x 7.6" (W)

Ordering Information:				Part Number:		
*Adder Applies		**WDDD0580 Only		Ordering Example: WDDD0545-CS-T5-V27-SV-WM-PC		
Family	CCT	Optic	Voltage	Finish	Mounting	Controls
WDDD0545 WDDD0565 WDDD0580	CS - Color Selectable	T5 - 45 Degrees	V27 - 120-277V	SV - Silver BZ - Bronze**	WM - Wall MA - Mast Arm & Hardware Kit*	PC - Photocell



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Dimensions, specifications, and product pictures are subject to change without notice.