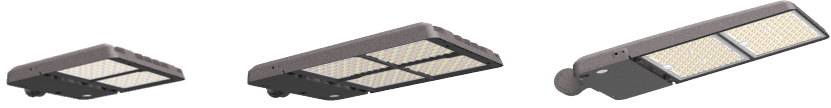


Project Name:
 Part Number:
 Fixture Type:

ALD Series Selectable Area Light



ALD 150W

ALD 300W

ALD 500W

KEY FEATURES

- 3CCT(3000/4000/5000K) and 5 Wattages Selectable offer SKU reduction.
- Innovative optic swap capability accomplished by one integrated lens (T2/T3/T4).
- Latch design for quick, tool-free lens change.
- Photocell dusk to dawn function available.
- Plug-in and Zhaga socket microwave motion sensor available.
- AC120-277V & AC277-480V for options.

ORDERING INFORMATION



EXAMPLE: ALD 150W T3 LCS BZ UNV

Series	Wattage Selectable	Optics	CCT Selectable	Finish	Voltage	Options
ALD Area Light	60W - 9,600 lm	T2 - Type II T3 - Type III T4 - Type IV T5 - Type V	LCS 3000K 4000K 5000K	BZ Dark Bronze RP* Custom Color	UNV 120-277V 480 277-480V	Blank
	80W - 12,800 lm					No Photocell and receptacle
	100W - 16,000 lm					PCT
	120W - 19,200 lm					Include twist lock photocell and receptacle (120-277V)
	150W - 24,000 lm					PCTH
	150W - 24,750 lm	Include twist lock photocell and receptacle (277-480V)				
	180W - 29,700 lm	SCP				
	200W - 33,000 lm	Shorting Cap				
	240W - 39,600 lm	HS-1				
	300W - 49,500 lm	HS-2				
300W - 51,000 lm	T3 - Type III T4 - Type IV					House side shield only for 150W
350W - 59,500 lm						House side shield only for 300W
400W - 68,000 lm						
450W - 76,500 lm						
500W - 83,000 lm						

ACCESSORIES

Mounting	Controls
ALD-RMB Square and Round Pole	Blank
ALD-SF Slipfitter Mount	No Accessories
ALD-TB Trunnion Mount	MPS
ALD-WB Wall Mount	PIR motion sensor
	MMS
	Microwave motion sensor

POLES

Poles	Pole Accessories
SNSP 15/20/25/30 Straight Steel Pole, Square Shaped - 15', 20', 25' or 30' (Predrilled up to 4 fixtures max).	VTS4 4" Square Pole Mount with 2-3/8" OD Tenon
	VTS5 5" Square Pole Mount with 2-3/8" OD Tenon
	VT4 4" Round Pole Mount with 2-3/8" OD Tenon
	VT5 5" Round Pole Mount with 2-3/8" OD Tenon
RNSP 15/20/25 Straight Steel Pole, Round - 15', 20' or 25' (Predrilled up to 2 fixtures max).	VTS4R-2T Low Profile Bullhorn with 2 Tenons
	VTS4R-3T Low Profile Bullhorn with 3 Tenons
	QT120-3T Triple 120" Horizontal Tenon Quad
	QT90-4T 90" Horizontal Tenon

SPECIFICATIONS

ELECTRICAL

Standard 120-277V / 277 - 480V, 0 - 10V dimming driver standard for 10% to 100% dimming

SURGE PROTECTION

10KV line – earth for AC120-277V / AC277-480V

OPTICS SELECTABLE

Optics Field-adjustable for Type II, III, IV distributions. Offer replaceable Type V lens. The optics can conform to dark sky requirement

CCT SELECTABLE

Switch selectable
3000K / 4000K / 5000K; 80+ CRI

LUMENS SELECTABLE

Selectable lumen packages ranging from 9,600 - 24,000 lm for a small area light
24,750 - 48,000 lm for a Medium area light
51,000 - 83,000 lm for a Medium area light

EFFICACY

Up to 170 lumens per watt

LIFESPAN

100,000 – hour LED lifespan based on IES LM-80 results and TM-21 calculations.

AMBIENT TEMPERATURE

Suitable for use in -40°F to 122°F (-40°C to 50°C)

HOUSING

One piece die-cast aluminum housing with integral heat-sink fins

IP RATING

Ingress Protection rating of IP65 for dust and water

FINISH

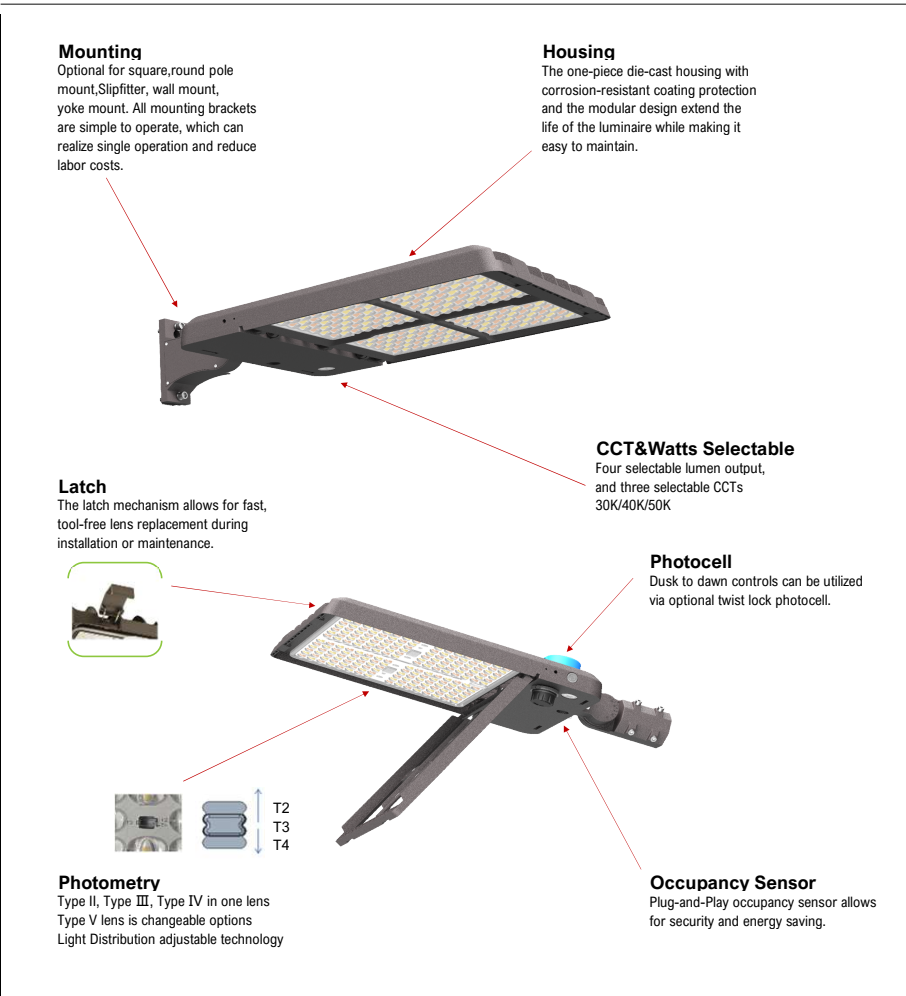
Formulated for high-durability and long-lasting color

CERTIFICATIONS

UL Listed, IP65 rated, FCC compliant.
Design Lights Consortium - DLC 5.1 Premium qualified Product

WARRANTY

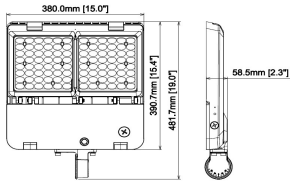
5 year limited warranty. Comprehensive warranty terms can be located on www.orelighting.com



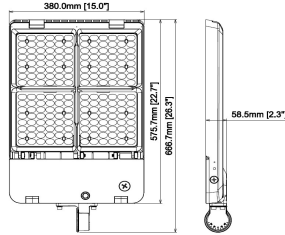
DIMENSIONS

unit: mm/inch

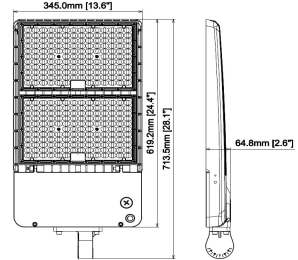
ALD 150W



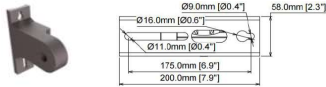
ALD 300W



ALD 500W



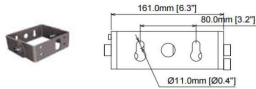
Pole Mount



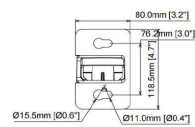
Slipfitter Mount



Trunnion Mount

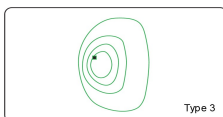


Wall Mount

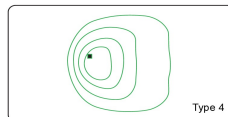


PHOTOMETRICS

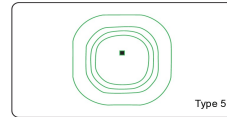
Type 3 optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back to back configuration, it creates a rectangular pattern which can extend pole spacings.



Type 4 is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.



Type 5 optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires is universal for most area lighting applications










PERFORMANCE DATA

SERIES NUMBER	WATTS	BUG	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPS	LUMENS	LPW
ALD 150	60W	B3-U0-G3	9600 lm	160 lm/w	9600 lm	160 lm/w	9660 lm	161 lm/w
	80W		12800 lm	160 lm/w	12800 lm	160 lm/w	12880 lm	161 lm/w
	100W		16000 lm	160 lm/w	16000 lm	160 lm/w	16100 lm	161 lm/w
	120W		19200 lm	160 lm/w	19200 lm	160 lm/w	19320 lm	161 lm/w
	150W		24000 lm	160 lm/w	24000 lm	160 lm/w	24150 lm	161 lm/w
ALD 300	150W	B4-U0-G4	24750 lm	165 lm/w	24750 lm	165 lm/w	24900 lm	166 lm/w
	180W		29700 lm	165 lm/w	29700 lm	165 lm/w	29880 lm	166 lm/w
	200W		33000 lm	165 lm/w	33000 lm	165 lm/w	33200 lm	166 lm/w
	240W		39600 lm	165 lm/w	39600 lm	165 lm/w	39840 lm	166 lm/w
	300W		49500 lm	165 lm/w	49500 lm	165 lm/w	49800 lm	166 lm/w
ALD 500	300W	B5-U0-G4	51000 lm	170 lm/w	51000 lm	170 lm/w	51300 lm	171 lm/w
	350W		59500 lm	170 lm/w	59500 lm	170 lm/w	59850 lm	171 lm/w
	400W		68000 lm	170 lm/w	68000 lm	170 lm/w	68400 lm	171 lm/w
	450W		76500 lm	170 lm/w	76500 lm	170 lm/w	76950 lm	171 lm/w
	500W		83000 lm	170 lm/w	83000 lm	170 lm/w	85500 lm	171 lm/w

ELECTRICAL LOAD

SERIES	WATTS	Current (A)					
		120V	208V	240V	277V	347V	480V
ALD AREA LIGHT	60W	0.50	0.29	0.25	0.22	0.17	0.13
	80W	0.67	0.38	0.33	0.29	0.23	0.17
	100W	0.83	0.48	0.42	0.36	0.29	0.21
	120W	1.00	0.58	0.50	0.43	0.35	0.25
	150W	1.25	0.72	0.63	0.54	0.43	0.31
	180W	1.50	0.87	0.75	0.65	0.52	0.38
	200W	1.67	0.96	0.83	0.72	0.58	0.42
	240W	2.00	1.15	1.00	0.87	0.69	0.50
	300W	2.50	1.44	1.25	1.08	0.87	0.63
	350W	2.92	1.68	1.46	1.26	1.01	0.73
	400W	3.33	1.92	1.67	1.44	1.15	0.83
450W	3.75	2.16	1.88	1.62	1.30	0.94	
500W	4.17	2.40	2.08	1.81	1.44	1.04	

LUMINAIRE EPA CHART

							
EPA Rate	Single	2 @ 90°	2 @ 120°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
ALD 150	0.303	0.455	0.530	0.606	0.666	0.788	0.909
ALD 300	0.419	0.629	0.733	0.838	0.922	1.089	1.257
ALD 500	0.507	0.761	0.887	1.014	1.115	1.318	1.521

POLES & BRACKETS

