



RIZZUTO

OUTDOOR PRODUCTS

Outdoor area light



The Rizzuto Series combines the desire for high efficacy and a distinguished look in an outdoor luminaire. The Rizzuto Series' mounting methods and variety of light distribution patterns, allows you to tailor your luminaire to your lighting needs. With power options reaching up to 39,000 lumens, the Rizzuto outdoor luminaire shows that performance and functionality can be simultaneously achieved.

OPERATING & ELECTRICAL

Input voltage 120-277V, 347-480V
Power factor 0.9
Total harmonic distortion (THD) <20%
Dimming 0-10V external dimming down to 10%

PERFORMANCE

Lumens per Watt 130 LPW at 70CRI
Power 100, 150, 200, 300W
Distribution Types 2, 3, 4, 5

MECHANICAL & HOUSING

Housing Aluminum die cast housing for superior heat dissipation, strength, and rigidity critical to long LED system life.

Lens Highly durable polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern. Glass lens available

Finish

Powder coat fade and abrasion resistant finish for the toughest outdoor conditions. Available in black, bronze, Nebula white, Aluminum (RAL9006) finishes.

Power Supply

Factory wired electronic LED driver
LED Board Light emitted source

APPLICATION CONDITION

Ambient temperature range -40 to 40°C
Protection Fixture and driver IP65 rated, 3G vibration tested conforms to ANSI standards.

COMPATIBLE MOUNTING

Mounting Direct, Slip fitter, Rd./Sq. pole, trunnion

WARRANTY

System warranty 5 years
Lumen maintenance Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L70 at 50,000 hours)

ORDERING GUIDE

EXAMPLE: AE-OD-RZ-100W-740-D-U-T4-D-BK

AE-OD-RZ	-100W	-7	40	-D	U	-T2	-D	-BK
FIXTURE FAMILY	POWER	CRI	CCT	CONTROLS	VOLTAGE	DISTRIBUTION	MOUNTING TYPE	FINISH
AE-OD-RZ Aeralux Rizzuto Series outdoor area light fixture	-100W 100 Watts: 13,000 lumens	-7 70 CRI	40 4000K CCT	-D 0-10V external dimming down to 10%	U 100-277Vac input voltage range	-T2 Type 2	-A Slip Fitter	-BK Black powder coat finish
	-150W 150 Watts: 19,500 lumens		50 5000K CCT	-P Photocontrol daylight sensor		-T3 Type 3	-B Direct Bracket	-BZ Bronze powder coat finish
	-200W 200 Watts: 26,000 lumens		65 6500K CCT	-M Microwave controller *Only for 120-277V	H 200-480Vac input voltage range	-T4 Type 4	-C Trunnion	-WH Aeralux Nebula white powder coat finish*
	-300W 300 Watts: 39,000 lumens					-T5 Type 5	-D No Mounting	-AL Aluminum (RAL9006) powder coat finish*

*Contact for details on leadtime and availability

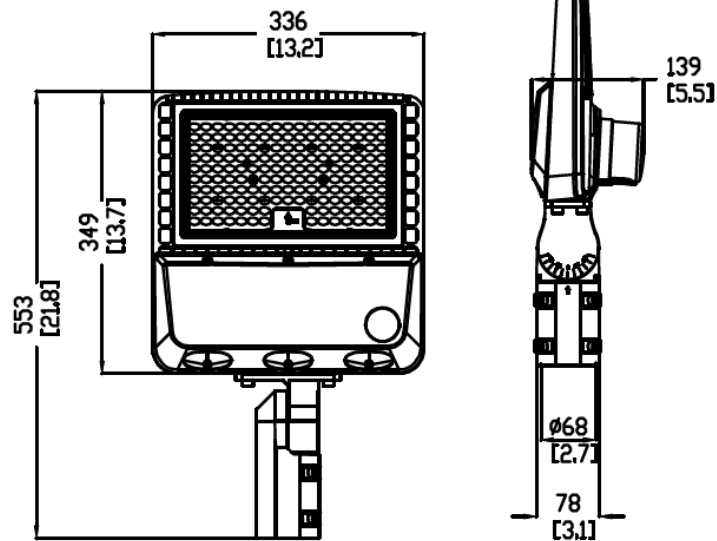
IP 65



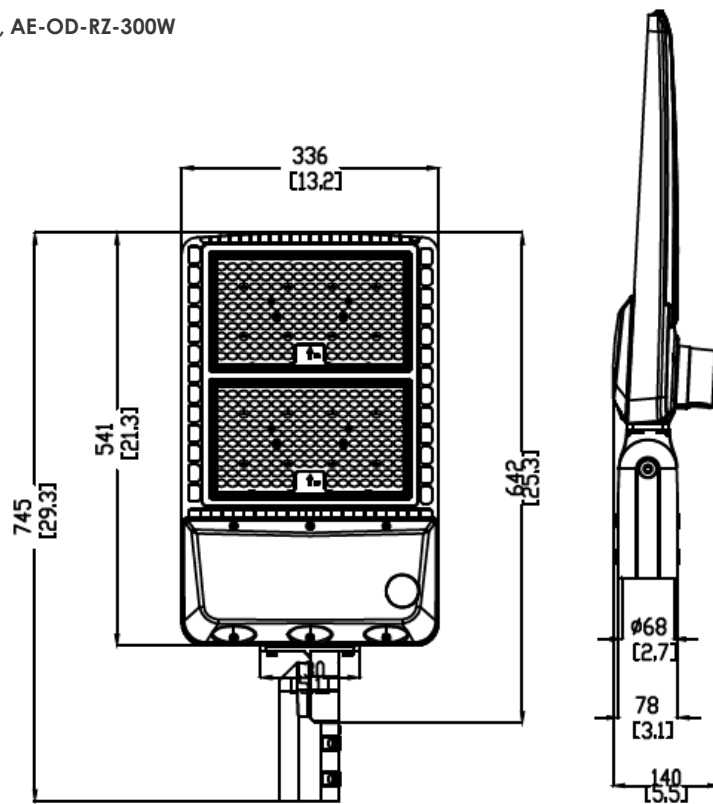
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PRODUCT DIMENSIONS

AE-OD-RZ-100W, AE-OD-RZ-150W



AE-OD-RZ-200W, AE-OD-RZ-300W



ACCESSORIES

Ordered separately

MOUNTING METHODS

AE-OD-RZ-SF-BK
AE-OD-RZ-SF-BZ
AE-OD-RZ-SF-AL

Slip fitter black finish
Slip fitter bronze finish
Slip fitter AL finish

AE-OD-RZ-DI-BK
AE-OD-RZ-DI-BZ
AE-OD-RZ-DI-AL

Direct mounting black finish
Direct mounting bronze finish
Direct mounting AL finish

AE-OD-RZ-YM-BK
AE-OD-RZ-YM-BZ
AE-OD-RZ-YM-AL

York Mount black finish
York Mount bronze finish
York Mount AL finish

AE-OD-RZ-TR-BK
AE-OD-RZ-TR-BZ

Trunnion black finish
Trunnion bronze finish

CONTROLS

AE-OD-RZ-MIC-MS
AE-OD-RZ-LA
AE-OD-RZ-SB
AE-OD-RZ-PC
AE-OD-RZ-SC

Microwave motion sensor
Lightning arrester
Socket base of photocell
Photocell
Shorting cap

WEIGHT INFORMATION WITH ACCESSORIES

POWER	ACCESSORIES	WEIGHT
-100W	SF	5.9KG
	DI	6.1KG
	YM	5.51KG
	TR	5.8KG

POWER	ACCESSORIES	WEIGHT
-150W	SF	5.98KG
	DI	6.28KG
	YM	5.59KG
	TR	5.85KG

POWER	ACCESSORIES	WEIGHT
-200W	SF	8.55KG
	DI	8.85KG
	YM	8.16KG
	TR	8.41KG

POWER	ACCESSORIES	WEIGHT
-300W	SF	9.15KG
	DI	9.45KG
	YM	8.76KG
	TR	9.05KG

EPA (Effective Projected Area) WITH ACCESSORIES

POWER	ACCESSORIES	EPA
100W & 150W	SF	0.432 FT ²
	DI	0.507 FT ²
	SR	0.516 FT ²
	TR	0.342 FT ²
	YM	0.385 FT ²

POWER	ACCESSORIES	EPA
200W & 300W	SF	0.587 FT ²
	DI	0.673 FT ²
	SR	0.656 FT ²
	TR	0.481 FT ²
	YM	0.579 FT ²

B-U-G RATING

POWER	DISTRIBUTION	B-U-G
100W	T2	B3-U3-G3
	T3	B3-U3-G3
	T4	B2-U3-G2
	T5	B4-U3-G2
150W	T2	B3-U3-G3
	T3	B3-U3-G3
	T4	B3-U3-G3
	T5	B4-U3-G2
200W	T2	B4-U3-G4
	T3	B4-U3-G4
	T4	B3-U3-G4
	T5	B5-U3-G3
300W	T2	B4-U3-G4
	T3	B4-U3-G4
	T4	B4-U3-G4
	T5	B5-U3-G4

LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL (80CRI)	0.91	0.94	0.97	1

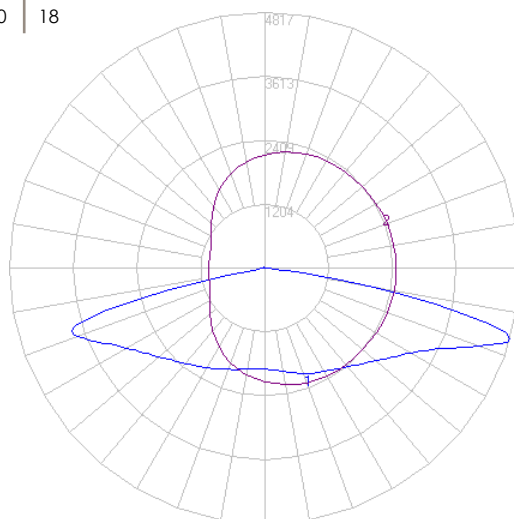
PHOTOMETRIC DATA

AE-OD-RZ-60W-750-T2-X-XX

Coefficients of utilization											
Ceiling	80%				70%		50%		30%		0%
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0
RCR	Zonal Cavity Method – Effective floor reflectance = 20%										
Room Cavity Ratio	119	119	119	119	116	116	111	111	106	106	99
	107	102	97	93	100	91	95	88	91	85	80
	96	87	79	73	85	72	81	70	77	68	64
	86	75	65	58	73	58	70	56	67	55	52
	78	65	55	48	64	47	61	47	58	46	43
	71	57	47	40	56	40	54	39	52	39	36
	65	51	41	34	50	34	48	34	46	33	31
	60	46	36	30	45	30	43	29	42	29	26
	56	41	32	26	41	26	39	26	38	25	23
	52	38	29	23	37	23	36	23	35	23	21
10	49	35	26	21	34	21	33	21	32	20	18

Luminance data			
Angle	0°	45°	90°
45°	6261	6832	7541
55°	5444	6861	10424
65°	4039	5936	16976
75°	1367	3136	33726
85°	385	595	1981

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	182.54	90-100	5.61
10-20	545.23	100-110	8.15
20-30	892.07	110-120	9.95
30-40	1195.8	120-130	10.72
40-50	1417.76	130-140	10.36
50-60	1521.27	140-150	8.99
60-70	1470.26	150-160	6.94
70-80	980.31	160-170	4.45
80-90	79.42	170-180	1.56



MULTIPLE MOUNTING STYLES

Rizzuto area light is compatible and factory mounted to your choice of mounting method from direct bracket, yoke, or slip fitter option.



PREMIUM MATERIALS & DESIGN

Constructed out of aluminum die cast for enhanced thermal heat dissipation for long lasting LED and driver function. Heat sink constructed into the fixture's housing to facilitate heat transfer.

PROTECTION

IP65 waterproof and 3G vibration tested conforms to ANSI standards.



ENERGY EFFICIENT

High-efficacy output of 130 lumen per watt at 70 CRI.



ACCESSORIES

Choose from a range of accessories from optical shields to photocell caps.



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