



SAPPHIRE ET7016

OUTDOOR PRODUCTS

ACCENT LIGHT



The Sapphire is an LED accent light with multiple beam patterns and retractable shrouds, 360° rotatable and 180° tilttable, ideally suited for accent lighting. The miniature size makes its appearance unobtrusive. NPT 0.5" stem with choices of mounting accessories allow installation on hard surfaces. It is TRIAC dimming compatible.

Project: _____

Qty: _____

Notes: _____

OPERATING & ELECTRICAL

Input Voltage 100-277Vac

Power factor 0.9

Dimming TRIAC dimming

Total harmonic distortion (THD) <20%

PERFORMANCE

Lumens per Watt 79 LPW at 80CRI

Power consumption 4, 8W

Beam angle 15, 25, 38, 45, 60°

MECHANICAL & HOUSING

Housing Aluminum die cast

Lens Highly durable, shatterproof

tempered glass lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare.

Finish

(RAL9006) powder coat finish

Aeralux white, black, gray

Power Supply

driver

Factory wired electronic LED

LED Board

COB

APPLICATION CONDITION

Ambient temperature range

Protection

-25 to 50°C

IP65

COMPATIBLE MOUNTING

Mounting

Wall mount and Floor mount

WARRANTY

System warranty

5 years

Lumen maintenance

Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L85 at 50,000 hours)

ORDERING GUIDE

EXAMPLE: AE-OD-ET7016-C4-3-15-80-NS-B

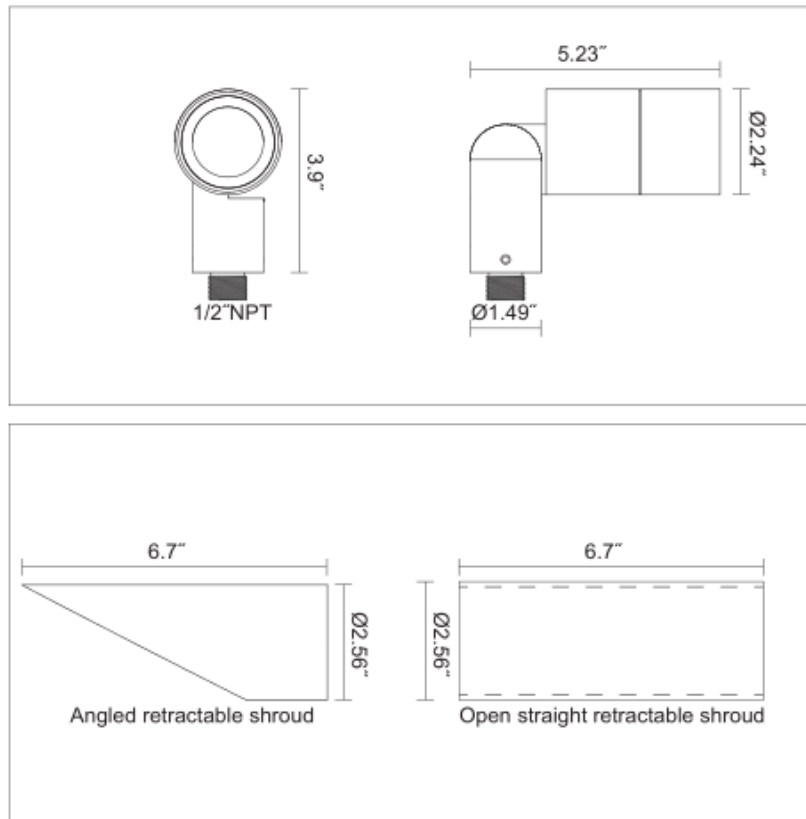
AE-OD-ET7016	-C4	-3	-15	-80	-NS	-B	
FIXTURE FAMILY	POWER	CCT	BEAM ANGLE	CRI	ACCESSORIES	FINISH	
AE-OD-ET7016 AERALUX Sapphire ET7016 outdoor accent light fixture	-C4 4 watts: 150 lumens	-3 3000K CCT	-15 15° beam angle	-80 80 CRI	-NS No shroud	-B Black powder coat finish	
			-25 25° beam angle				
	-C8 8 watts: 300 lumens	-4 4000K CCT	-30 30° beam angle		-AS Angled shroud	-W White powder coat finish	
					-OS Straight shroud	-S Silver (RAL9006) powder coat finish	



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DIMENSIONS

EXAMPLE: AE-OD-ET7016



MOUNTING ACCESSORIES



AE-OD-ET7016-ACC-MTA



AE-OD-ET7016-ACC-MTB



AE-OD-ET7016-ACC-MTC

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:

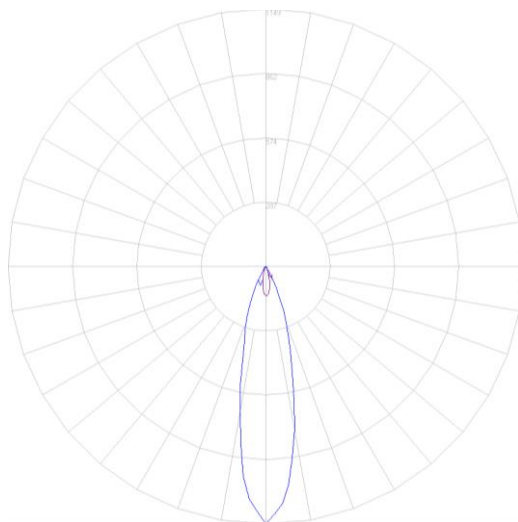
Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL (80CRI)	0.94	1	1.02	1.03

PHOTOMETRIC DATA

AE-OD-ET7016-C8-3-25-80

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%										
0	42	42	42	42	41	41	39	39	37	37	35
1	40	40	39	38	39	38	37	37	36	36	34
2	39	37	36	35	37	36	36	35	35	34	32
3	37	36	34	33	35	34	34	33	34	33	31
4	36	34	33	31	34	32	33	32	32	31	30
5	35	33	31	30	32	31	32	30	31	30	29
6	34	31	30	29	31	30	31	29	30	29	28
7	33	30	29	27	30	28	30	28	29	28	27
8	32	29	28	26	29	27	29	27	28	27	26
9	31	28	27	26	28	27	28	26	27	26	25
10	30	27	26	25	27	26	27	26	27	25	24

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	84.77	90-100	0
10-20	115.57	100-110	0
20-30	58.03	110-120	0
30-40	10.92	120-130	0
40-50	5.87	130-140	0
50-60	3.73	140-150	0
60-70	1.91	150-160	0
70-80	0.9	160-170	0
80-90	0.27	170-180	0





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OUTDOOR PRODUCTS

Accent light

PREMIUM MATERIALS

Constructed from aluminum die-cast enhancing thermal heat dissipation while providing excellent figure strength.

CRI

80 CRI provides greater rendering allowing for a more natural light look.

MULTIPLE FINISH OPTIONS

Select from black, white, or silver powder coat anti-cracking finishes to accent your project space.

ACCESSORIES

Several shroud attachments available including angled-shroud (AS), or straight-shroud (OS) providing your fixture a covered lens and a unique appearance.

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