



# THALASSA ET6120

OUTDOOR PRODUCTS  
SQUARE SCONCE



The Thalassa outdoor surface mounted square LED fixture was created with a sleek design deliberately, so it could blend in with many different outdoor building styles. The Thalassa also has an impressive efficacy of 75 LPW providing performance as well as elegance in the install environment. Finally, this product is a complete aluminum die cast offering an unparalleled sense of finesse, fixture strength and quality.

Project: \_\_\_\_\_

Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

## OPERATING & ELECTRICAL

**Input Voltage** 100-277Vac

**Power factor** 0.9

**Dimming** 0-10V external dimming down to 10% (with DMG option)

**Total harmonic distortion (THD)** <20%

## PERFORMANCE

**Lumens per Watt** ~75 LPW at 80CRI

**Power consumption** 30W

**Beam angle** 15°, 20°, 30°, 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** Aeralux white, black, gray, bronze, silver (RAL9006) powder coat finish

**Power Supply** Factory wired electronic LED driver

**LED Board** COB

## APPLICATION CONDITION

**Ambient temperature range** -25 to 50°C  
IP65

## COMPATIBLE MOUNTING

**Mounting** Wall 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: ET6120-C30-3-15-80-W-DMG

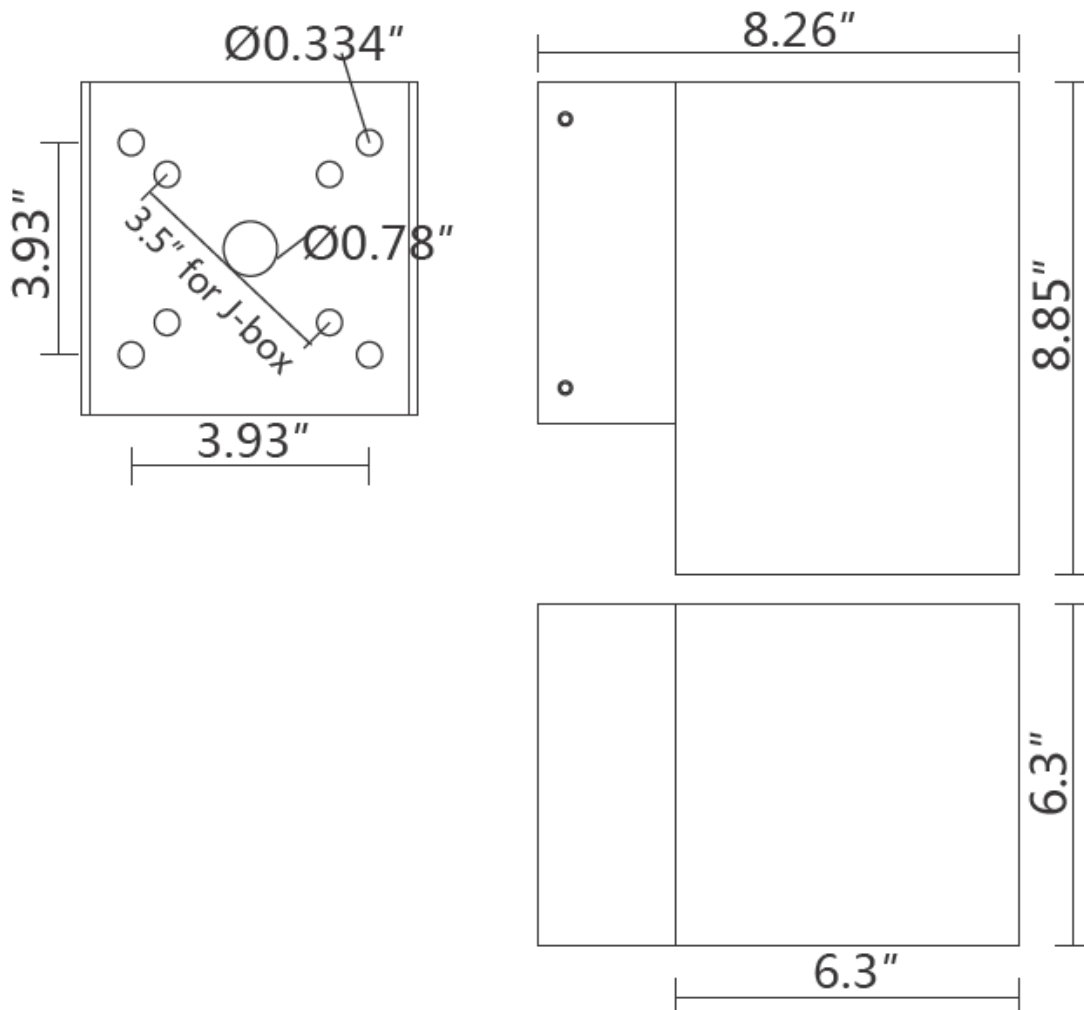
ET6120	-C30	-3	-15	-80	-W	-DMG
FIXTURE FAMILY	POWER	CCT	BEAM ANGLE	CRI	FINISH	CONTROLS
ET6120 AERALUX Thalassa ET6120 outdoor surface mounted square sconce fixture	-C30 30 watts: 2400 lumens	-3 3000K CCT	-15 15° beam angle	-80 80 CRI	-B Black powder coat finish	-DMG 0-10V external dimming down to 10%
		-4 4000K CCT	-20 20° beam angle		-W White powder coat finish	
			-30 30° beam angle		-S Silver (RAL9006) powder coat finish	
		-5 5000K CCT	-60 60° beam angle		-G Gray (RAL7012) powder coat finish	
					-Z Mineral bronze powder coat finish	



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## DIMENSIONS

EXAMPLE: ET6120-C30-3-15-80-W-DMG



### 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

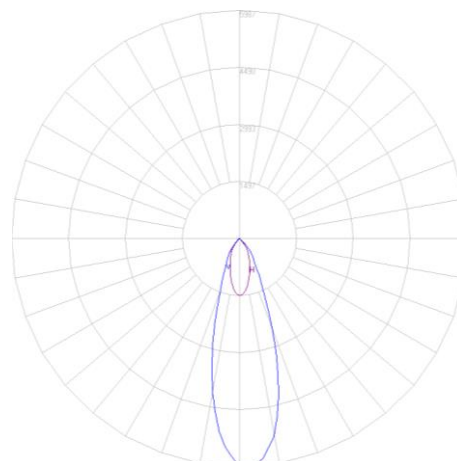
### PHOTOMETRIC DATA

ET6120-C30-3-30-8-B

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	76	76	76	76	74	74	71	71	68	68	64
1	73	71	70	68	70	67	67	65	65	63	60
2	70	67	64	63	66	62	64	60	62	59	57
3	67	63	60	58	62	57	60	56	59	56	54
4	64	59	56	54	59	54	57	53	56	52	51
5	61	56	53	51	56	50	55	50	54	49	48
6	59	53	50	48	53	48	52	47	51	47	46
7	56	51	48	45	51	45	50	45	49	45	44
8	54	49	45	43	48	43	48	43	47	42	42
9	52	46	43	41	46	41	46	41	45	41	40
10	50	45	41	39	44	39	44	39	43	39	38

#### Zonal lumen

Zone	Lumens	Zone	Lumens
0-10	502.06	90-100	0
10-20	886.34	100-110	0
20-30	553.14	110-120	0
30-40	330.32	120-130	0
40-50	141.16	130-140	0
50-60	28.07	140-150	0
60-70	7.03	150-160	0
70-80	4.1	160-170	0
80-90	1.86	170-180	0





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## PHOTOGRAPHS

### PREMIUM MATERIALS

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



### MULTIPLE BEAM ANGLES

Customize your fixture with a unique set of beam angles in the uplight or downlight orientation with the option to having a 20-degree tilt towards the wall.

### MULTIPLE FINISH OPTIONS

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

### CRI

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

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