

Project:	
Location:	
Model#: TLD6A1530K-347V-HZ	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

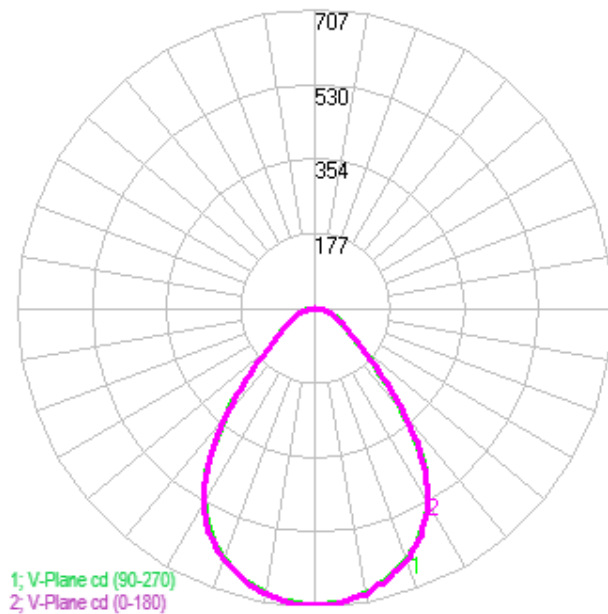


To supply Tamlite's TLD Series of LED Architectural Commercial Housing with Trims as specified. The housing shall operate at 347Vac and use a 1-10V dimmable, constant current type driver. Cable connections between light engine and driver shall use armored cable. Reflector shall be constructed of spun and die cast Aluminium. LEDs shall be as specified EVERLIGHT® 62-217B LED chips. The LEDs shall be 1-10V Dimmable. Housing and Trim shall be c-UL-us listed.

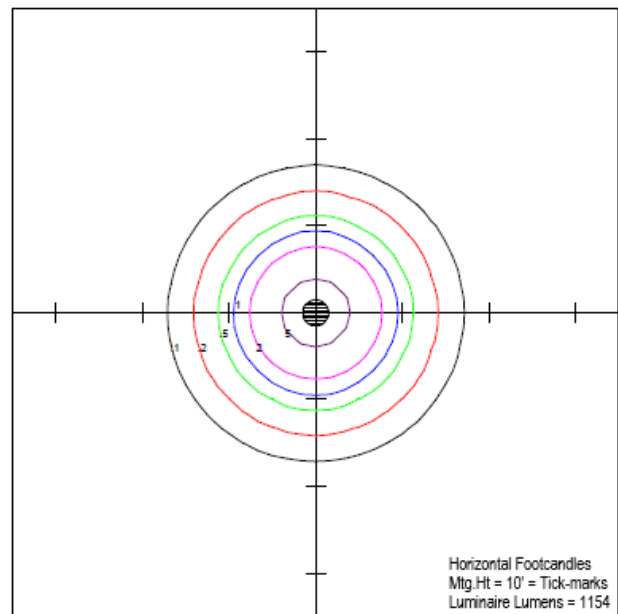


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram





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#### Co-efficient of Utilization

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RF	20				20				20				20				20				20
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	87	101	95	91	86	92	88	84	89	86	83	86	83	81	79			
3	97	88	82	76	94	87	81	76	84	79	74	81	77	73	79	75	72	70			
4	90	80	73	68	88	79	72	67	77	71	66	74	69	65	72	68	65	63			
5	84	73	66	60	82	72	65	60	70	64	59	68	63	59	67	62	58	56			
6	79	67	60	54	77	66	59	54	65	58	54	63	58	53	62	57	53	51			
7	74	62	55	49	72	61	54	49	60	54	49	59	53	49	57	52	48	47			
8	69	57	50	45	68	57	50	45	56	49	45	54	49	44	53	48	44	43			
9	65	53	46	41	64	53	46	41	52	45	41	51	45	41	50	45	41	39			
10	61	50	43	38	60	49	43	38	48	42	38	47	42	38	47	41	38	36			

**Initial Lumen Output:** 1140lm

**Beam Angle:** 79 deg

**Spacing Criteria:** 1.06 (C0/180), 1.06 (C90/270)

**Ambient Operating Temp:** -30C to +40C

**Limited Product Warranty:** 5 Year(s)

**Efficacy:** 68.21lm/W

**Field Angle:** 123 deg

**Environmental Rating(s):** IP44

**Certification Standards:** UL Safety US-CA , RoHS

**CBCP:** 730cd

**Luminaire Type:** Direct

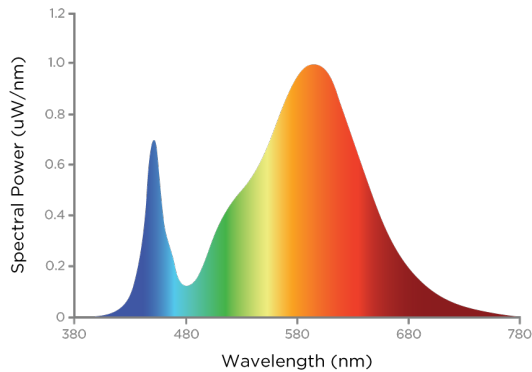
**UL Classification:** Wet Location Listed

**CCN Number:** IFA07.E470484

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## LED SPECIFICATIONS

### SPD



**Source Type:** LED

**CRI:** >80

**Chromaticity:** x=0.3799 y=0.3777

**Manufacturer:** EVERLIGHT®

**L70:** 36000 Hrs.

**Duv:** 0.0006

**Part Number:** 62-217B

**Colour Temperature:** 3000K

## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 347Vac

**Current Draw at 347Vac:** 0.0482A

**Max Operating Case Temperature:** 65C

**Over Temperature Protection:** Auto

Recovery. Returning to normal after over temperature is removed.

**Input Frequency:** 50/60 hz

**Power Factor at 347Vac:** > 0.90

**Dimming:** 0-10Vdc, (0% Min Light Level)

**Short Circuit Protection:** Auto Recovery.

The output shall return to normal when the fault condition is removed.

**Fixture Draw:** 16.71W

**THD at 347Vac(%):** < 15%

**Dimming Current mA:** .5mA draw

**Driver Certifications:** cULus, RoHS

## PHYSICAL SPECIFICATIONS

**Finish Colour:** Haze

**Mounting:** Recessed

**Lens Type:** Frosted

**Finish Type:** Electroplating

**Housing Material:** Galvanized Steel

**Reflector Material:** Spun and Die Cast Aluminium

**Wiring:** Frame mounted junction box

**Lens Material:** Polycarbonate

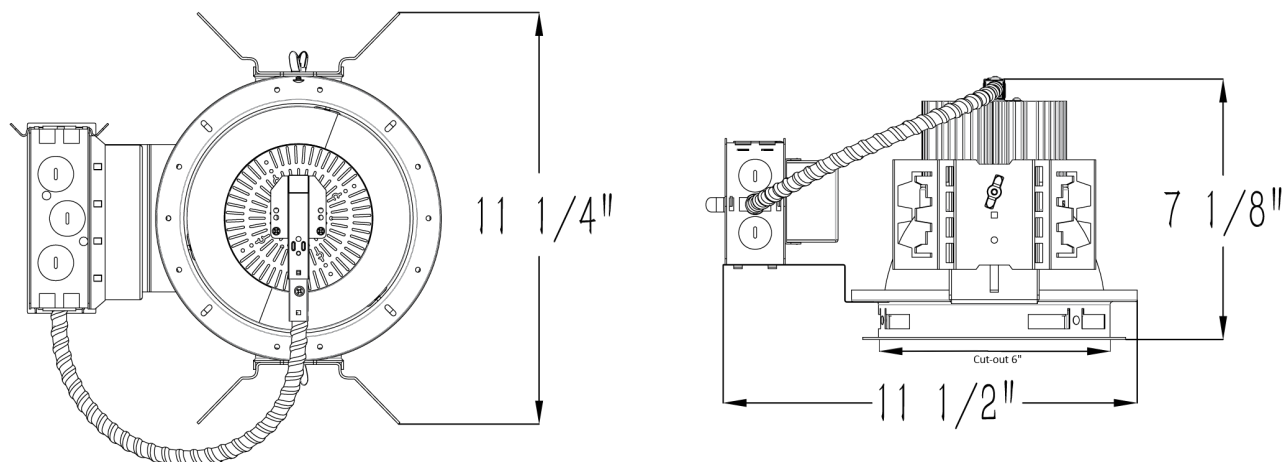
## SHIPPING INFORMATION

**OrderingCode(s):** TLD6TR1530K-HZ + TLD6AH15-347V

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## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

### Series Architecture

#### TLD SERIES NOMENCLATURE

Size	Wattage	CCT		Mounting		Voltage		Finish		Accessories	
4	15	30K	3000K	A	Architectural Housing	UNV	120 - 277VAC	HZ	Haze	EM	Emergency Backup Battery
6	21	35K	3500K	P	Plaster Frame Housing	347	347VAC	SP	Specular		
8	28	40K	4000K	R	Remodel Housing			WH	White		
	40	50K	5000K	RK	Retrofit Kit			CC	Custom Colour		
	48										
	52										