

Project:		
Location:		
Model#:	TLVP47530K-UN4	Type:
Client:		Qty:
Prepared by:		Date:

## SERIES SPECIFICATIONS

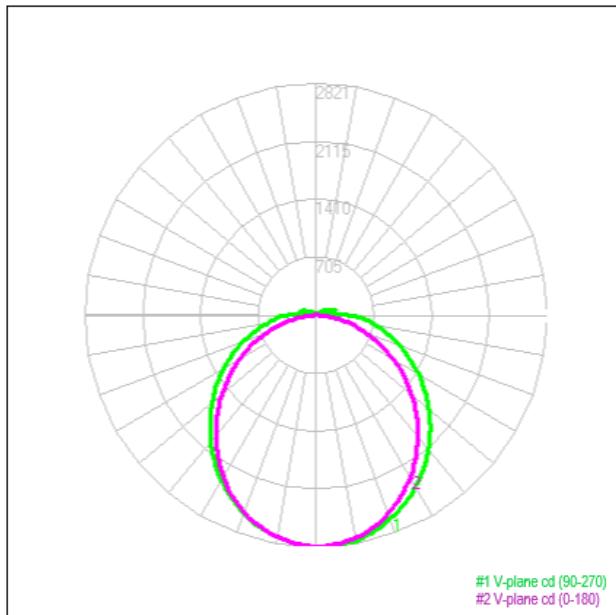


To supply Tamlite TLVP Series of LED vapour proof fixtures as specified. The luminaire shall operate at 347Vac. The housing shall be constructed of Bayer® polycarbonate with a clamp down opal Bayer® polycarbonate lens. The fixture shall be IP65 rated and include an IP66 strain relief. A durable formed gasket shall be provided between the enclosure and the lens. All parts shall be corrosion resistant. The LED shall be supplied with the luminaire. The fixture shall be cULus & DLC Listed.

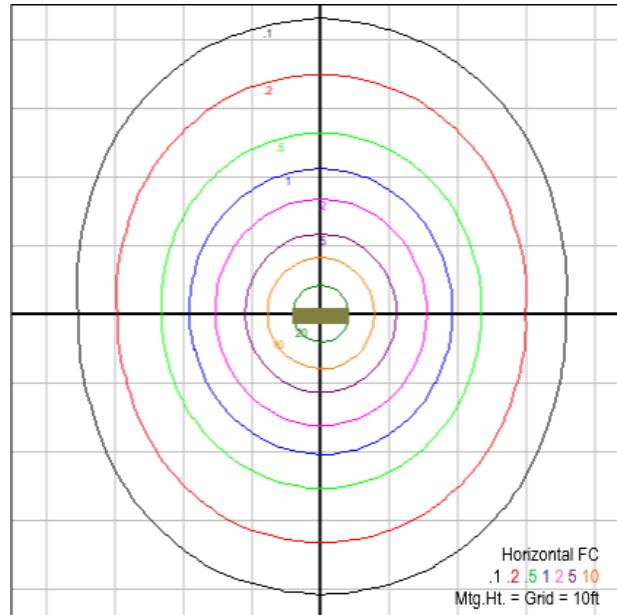


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



### Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	266.01	30-40	1357.11	60-70	1032.41	90-100	95.71	120-130	33.99	150-160	3.81
10-20	757.75	40-50	1400.57	70-80	712.5	100-110	108.72	130-140	16.85	160-170	1.97
20-30	1137.28	50-60	1280.23	80-90	405.95	110-120	64.96	140-150	7.88	170-180	0.78

### Co-efficient of Utilization

RC	80				70				50			30			10		
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0	
RF	20				20				20			20			20		
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	96
1	106	101	96	92	103	98	94	90	93	90	87	89	86	83	85	82	80
2	96	88	80	74	93	85	79	73	81	75	71	77	73	68	74	70	66
3	88	77	68	61	85	75	67	60	71	64	59	68	62	57	65	60	56
4	80	68	59	52	78	66	58	51	63	56	50	60	54	49	58	52	48
5	74	60	51	44	71	59	50	44	56	49	43	54	47	42	52	46	41
6	68	54	45	39	66	53	45	38	51	43	38	49	42	37	47	41	36
7	63	49	40	34	61	48	40	34	46	39	33	45	38	33	43	37	30
8	59	45	36	30	57	44	36	30	42	35	30	41	34	29	39	33	27
9	55	41	33	27	53	40	33	27	39	32	27	38	31	26	36	30	24
10	51	38	30	25	50	37	30	25	36	29	24	35	29	24	34	28	22

**Initial Lumen Output:** 8684lm

**CBCP:** 2821cd

**Luminaire Type:** Semi-Direct

**UL Classification:** Wet Location Listed

**DLC Number:** P4XCFE2N

**Efficacy:** 120.50lm/W

**Beam Angle:** 120 deg

**Spacing Criteria:** 1.26(0-180), 1.30(90-270)

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

**CCN Number:** IFAO7.E470484

**Max Candela:** 2821cd (0H, 0V)

**Field Angle:** 170 deg

**Environmental Rating(s):** IP65

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

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

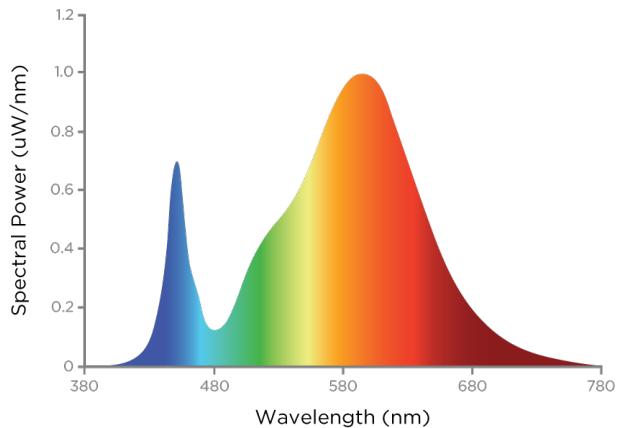
## LED SPECIFICATIONS

### R Tables

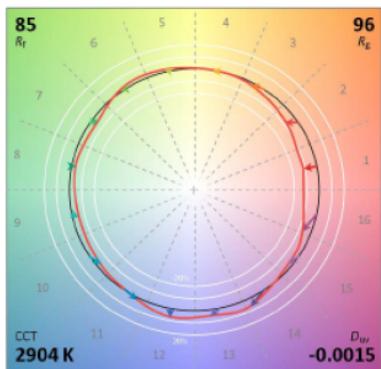
<b>R1</b>	83
<b>R2</b>	93
<b>R3</b>	95
<b>R4</b>	81
<b>R5</b>	83
<b>R6</b>	92
<b>R7</b>	82
<b>R8</b>	59

<b>R9</b>	10
<b>R10</b>	84
<b>R11</b>	82
<b>R12</b>	75
<b>R13</b>	85
<b>R14</b>	98
<b>R15</b>	75
<b>Ra</b>	83

### SPD



### TM-30



**Source Type:** LED

**Rf:** 85

**Colour Temperature:** 3000K

**Part Number:** T28351-W29SC0D2FB3C0

**Rg:** 96

**Chromaticity:** x=0.4314 y=0.4061

**CRI:** >80

**L70:** 72000 Hrs

**Duv:** 0.0016

## ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** ARC Smart Electronic Co., Ltd.

**Fixture Draw:** 75.55W

**Max On-Delay:** < 1 S

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

**Driver Certifications:** c-RU-us Class 2, FCC Part 15 Class B, RoHS

**Input Voltage:** 347Vac

**Current Draw @ 347Vac:** 0.2213

**Power Factor @ 347Vac:** >.90

**Over Temperature Protection:** Auto

Recovery, The fixture shall shut down and return to operation when the temperature returns to normal.

**Input Frequency:** 50-60Hz

**Inrush Current:**

**THD @ 347Vac(%):** <10%

**Short Circuit Protection:** Auto Recovery.

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

## PHYSICAL SPECIFICATIONS

**Finish Colour:** Grey

**Mounting:** Surface, Suspended

**Lens Type:** Opal

**Finish Type:** Dye injected polycarbonate

**Housing Material:** Bayer PC with Grey pigment powder

**Reflector Material:** Aluminium with UV Painting

**Wiring:** 3 Conductor 18AWG

**Lens Material:** Bayer PC

**Entries:** Supplied with wet location fitting.

Other knockout points also on housing.

## SHIPPING INFORMATION

**Ordering Code(s):** TLVP47530K-UN4

**Box Weight:** 3.6 kg

**Carton Weight:** 21.6

**Box Quantity:** 1

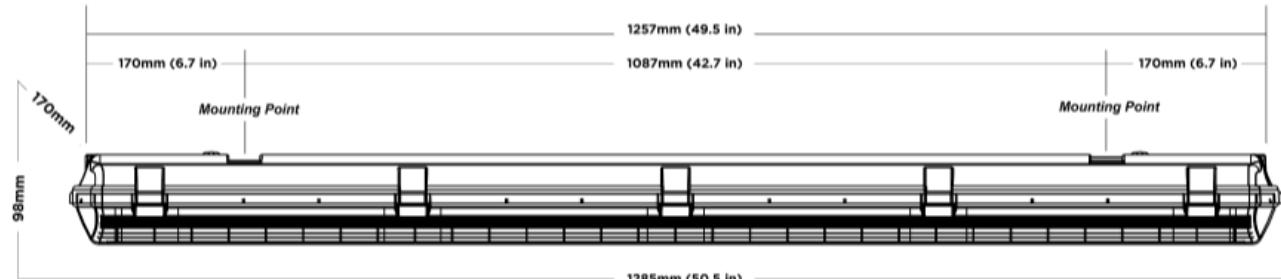
**Carton Quantity:** 6

**Box Dimensions (L-W-H):** 1300 x 175 x 102 mm

**Carton Dimensions (I-W-H):** 1320 x 325 x 375 mm

## LINE DRAWING

### Line Drawings



## SERIES ARCHITECTURE

### Series Architecture

#### TLVP -

Part	Size	Wattage	CCT		Voltage		Options	
TLVP	4' 4ft	40W	30K	3000K	WRV	120-347VAC	EM	Emergency Battery Backup
		75W	35K	3500K				
			40K	4000K*				
			50K	5000K*				

\* Typically Stock