

Project:	
Location:	
Model#: TLVP44030K-UN4	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

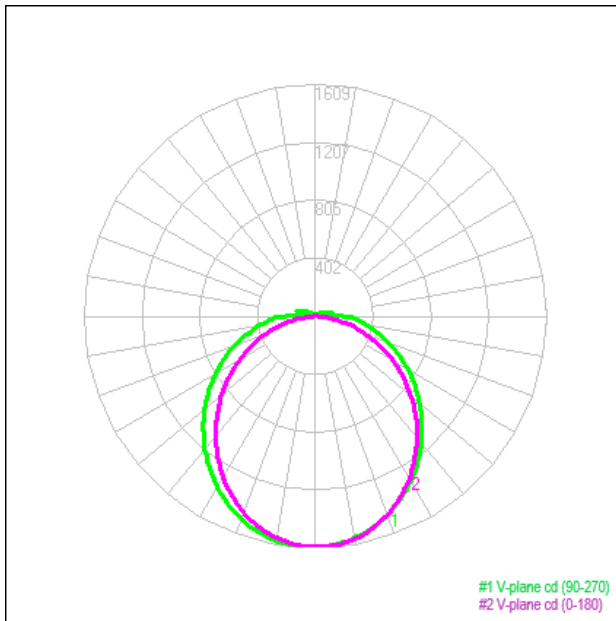


To supply TamLite TLVP Series of LED vapour proof fixtures as specified. The luminaire shall operate at 347Vac. The housing shall be constructed of Bayer® polycarbonate with a clamp down opal Bayer® polycarbonate lens. The fixture shall be IP65 rated and include an IP66 strain relief. A durable formed 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.

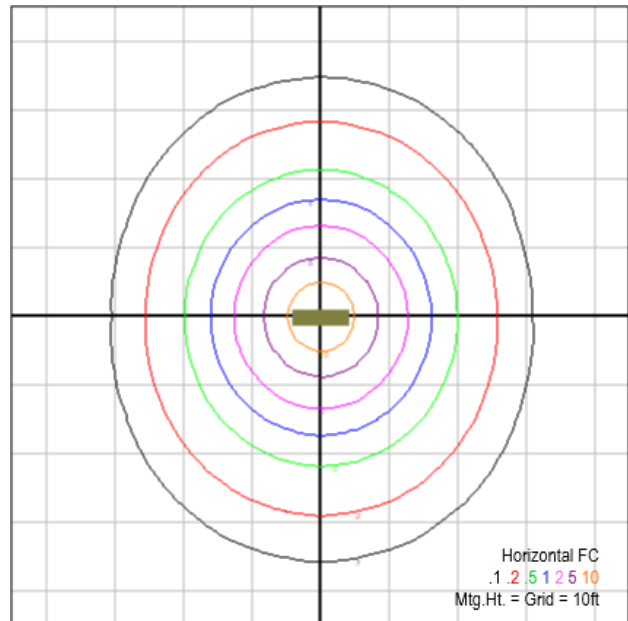


## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Isolux Diagram



Zonal Lumen Summary

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-10	151.48	30-40	770.42	60-70	581.11	90-100	51.37	120-130	17.47	150-160	1.7
10-20	431.3	40-50	793.52	70-80	397.88	100-110	58.25	130-140	8.38	160-170	0.91
20-30	646.74	50-60	723.57	80-90	223.81	110-120	34.21	140-150	3.67	170-180	0.38



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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	0
RF	20				20				20			20			20			20
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	107	101	97	92	103	99	94	90	94	90	87	89	86	84	85	83	80	78
2	97	88	80	74	94	86	79	73	81	76	71	77	73	69	74	70	67	64
3	88	77	68	61	85	75	67	61	71	65	59	68	62	58	65	60	56	54
4	80	68	59	52	78	66	58	51	63	56	50	61	54	49	58	53	48	46
5	74	61	51	45	71	59	51	44	57	49	43	54	48	42	52	46	42	39
6	68	55	45	39	66	53	45	39	51	44	38	49	42	37	47	41	37	34
7	63	49	41	34	61	48	40	34	47	39	33	45	38	33	43	37	33	30
8	59	45	36	31	57	44	36	30	43	35	30	41	34	30	40	34	29	27
9	55	41	33	27	53	41	33	27	39	32	27	38	31	27	37	31	26	24
10	52	38	30	25	50	38	30	25	36	29	24	35	29	24	34	28	24	22

Initial Lumen Output: 4896lm

CBCP: 1609cd

Luminaire Type: Semi-Direct

UL Classification: Wet Location Listed

DLC Number: PWHHSRPD

Efficacy: 121.61lm/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: 1609cd(0H, 0V)

Field Angle: 170 deg

Environmental Rating(s): IP65

Certification Standards: UL Safety US-CA , DLC

Limited Product Warranty: 5 Year(s)

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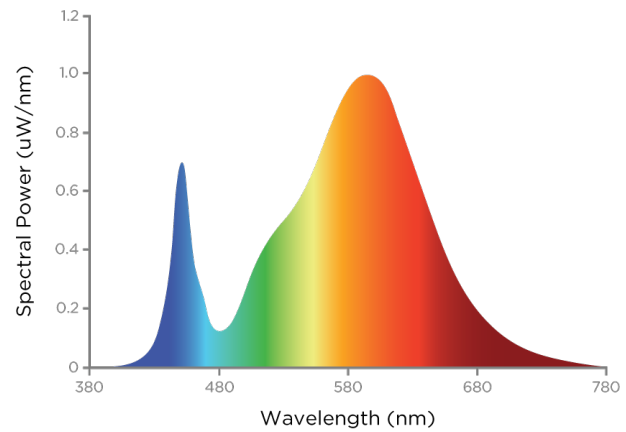
## LED SPECIFICATIONS

### R Tables

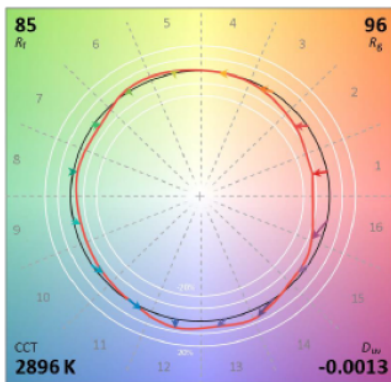
R1	83
R2	93
R3	95
R4	81
R5	83
R6	92
R7	82
R8	59

R9	10
R10	84
R11	82
R12	75
R13	85
R14	98
R15	75
Ra	83

### SPD



### TM-30



**Source Type:** LED  
**Rf:** 85  
**Colour Temperature:** 3000K

**Part Number:** Array Type  
**Rg:** 96  
**Chromaticity:** x=0.4425 y=0.4027

**CRI:** >80  
**L70:** 72000 Hrs  
**Duv:** 0.0013

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## ELECTRICAL SPECIFICATIONS

**Input Voltage:** 347Vac  
**Current Draw@347Vac:** 0.124  
**Power Factor @120Vac:** >.95  
**THD @347Vac(%):** <10%  
**Short Circuit Protection:** Auto Recovery.  
 The output shall return to normal when the fault condition is removed.

**Input Frequency:** 50-60Hz  
**Inrush Current:**  
**Power Factor @347Vac:** >.90  
**Dimming:** 0-10Vdc, (0% Min Light Level)  
**Driver Certifications:** c-RU-us Class 2, FCC Part 15 Class B, RoHS

**Fixture Draw:** 40.53W  
**Max On-Delay:** < 1 S  
**THD @ 120Vac(%):** <10%  
**Over Temperature Protection:** Auto Recovery, The fixture shall shut down and return to operation when the temperature returns to normal.

## 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

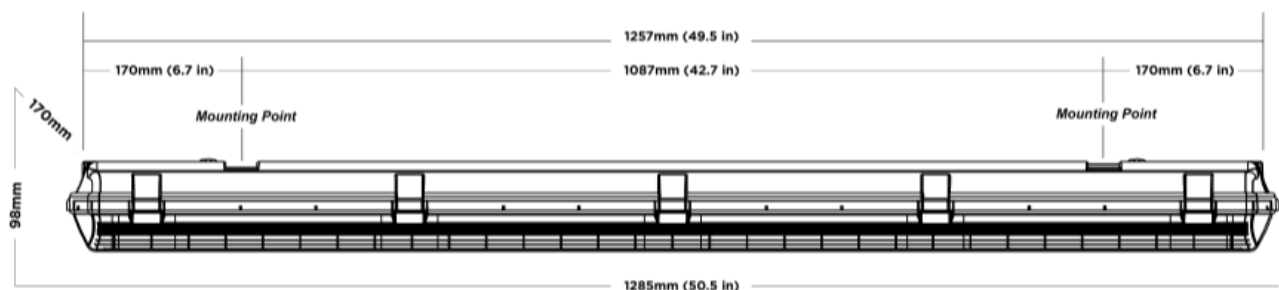
**OrderingCode(s):** TLVP44030K-UN4  
**Box Weight:** 3.6 kg  
**Carton Weight:** 21.6

**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





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SERIES ARCHITECTURE

Series Architecture

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

\* Typically Stock