

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

SERIES SPECIFICATIONS

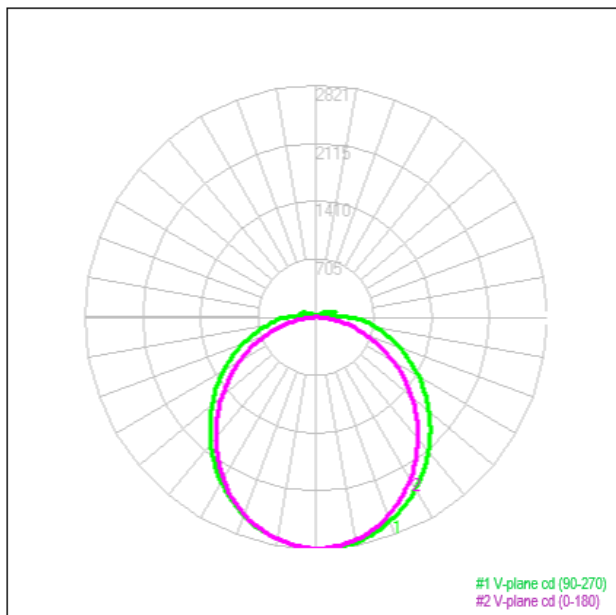


To supply TamLite TLVP Series of LED vapour proof fixtures as specified. The luminaire shall operate at 347Vac. The housing shall be constructed of Bayer® polycarbonate with a clamp down opal Bayer® polycarbonate lens. The fixture shall be IP65 rated and include an IP66 strain relief. A durable formed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

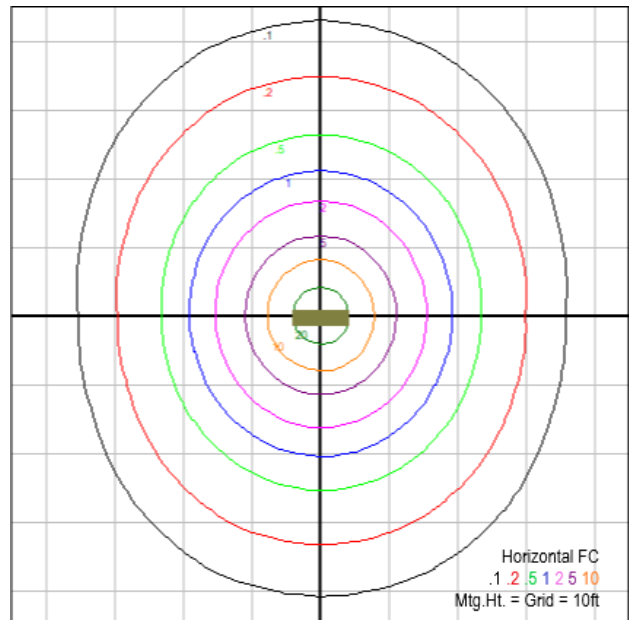


PERFORMANCE SPECIFICATIONS

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			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	106	101	96	92	103	98	94	90	93	90	87	89	86	83	85	82	80	78
2	96	88	80	74	93	85	79	73	81	75	71	77	73	68	74	70	66	64
3	88	77	68	61	85	75	67	60	71	64	59	68	62	57	65	60	56	53
4	80	68	59	52	78	66	58	51	63	56	50	60	54	49	58	52	48	45
5	74	60	51	44	71	59	50	44	56	49	43	54	47	42	52	46	41	39
6	68	54	45	39	66	53	45	38	51	43	38	49	42	37	47	41	36	34
7	63	49	40	34	61	48	40	34	46	39	33	45	38	33	43	37	32	30
8	59	45	36	30	57	44	36	30	42	35	30	41	34	29	39	33	29	27
9	55	41	33	27	53	40	33	27	39	32	27	38	31	26	36	30	26	24
10	51	38	30	25	50	37	30	25	36	29	24	35	29	24	34	28	24	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: IFA07.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)

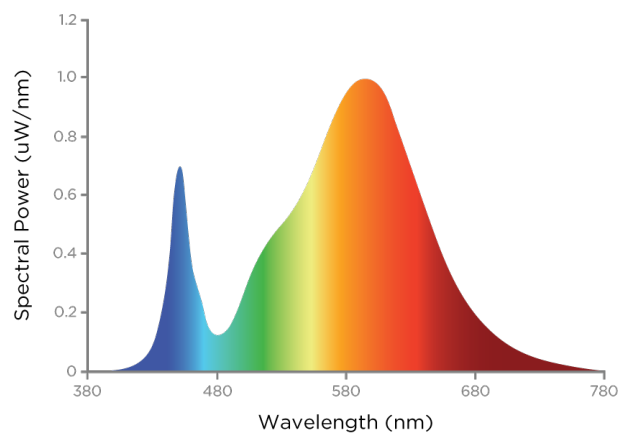
LED SPECIFICATIONS

R Tables

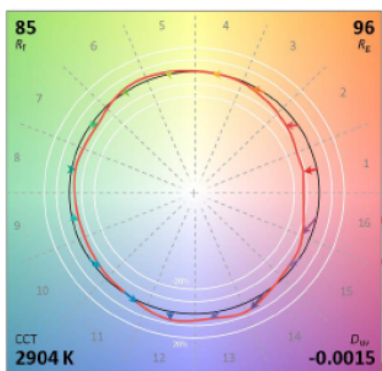
R1	83
R2	93
R3	95
R4	81
R5	83
R6	92
R7	82
R8	59

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: 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

OrderingCode(s): TLVP47530K-UN4

Box Weight: 3.6 kg

Carton Weight: 21.6

Box Quantity: 1

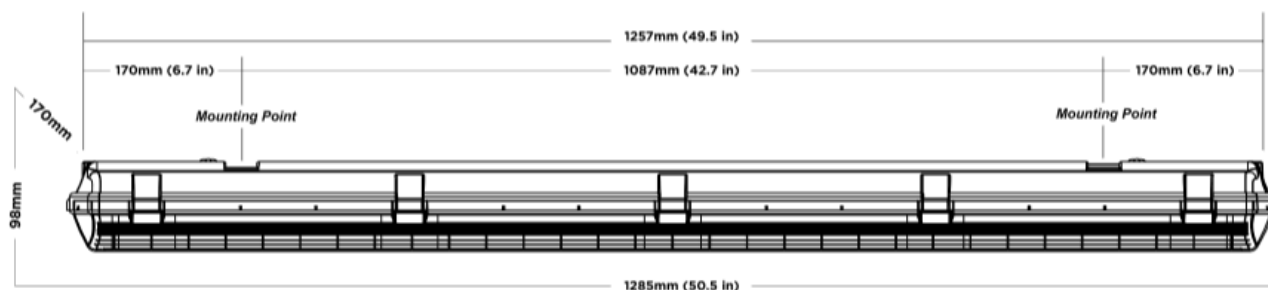
Carton Quantity: 6

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	40	40W	30K	3000K	WRV	120-347VAC	EM
			75	75W	35K	3500K			Emergency Battery Backup
					40K	4000K*			
					50K	5000K*			

* Typically Stock