

Technical Information Bulletin

LED Vapor Tight



Date: _____ Name of distributor: _____
 In hands date of project: _____ Client #: _____
 Project name/Number: _____ Name of end user: _____

ORDERING INFORMATION

Order code: 66196
 Description: LSV/N/35W/40K/120-277/DD1/FP/A1/STD
 UPC: 69549661967
 Case quantity: 4

PHYSICAL DATA

Size in. (mm): 49 13/16" (1 265 mm)
 Lens material: Polycarbonate
 Frame Material: Polycarbonate
 Mounting: Pendant, suspended, surface
 Included: Fixtures come with stainless steel clips standard



PERFORMANCE DATA

Watts (W): 35
 Volts (VAC): 120-277
 Colour temp. (K): 4 000
 Lumen output (lm): 4 550
 Lumen per Watts (lm/W): 130
 CRI: 80
 Life L70 (h): 100 000
 THD (%): 120V = 10%
 277V = 10%
 Power factor: 0.9
 Frequency (Hz): 50/60
 Surge protection (kv): 2.5
 Input current (A): 0.45
 Output current (mA): 750
 Operating temp. range: -30 to 50 °C (-22 to 122 °F)
 DLC: Premium



COMPATIBLE ACCESSORIES

Order code Description
 66878 LSV/N/LENS/FP/STD
 67079 LVT4/ACC/STAINLESS STEEL CLIPS/STD

COMPATIBLE DIMMERS

Leviton IPL710-DL
 Lutron NFTV, NTFTV

DESCRIPTION AND OTHER OPTIONS

LSV	/	N	/	40W	/	50K	/	120-277	/	DD1	/	FP	/	A1	/	STD
Family		Series		Watts		Colour temp. (K)		Volts (VAC)		Dimming		Lens type		Driver		Brand
LSV LED Surface Vapor Tight		N Narrow		35W 35 Watts 40W 40 Watts ¹ 52W 52 Watts ² 65W 65 Watts		40K 4 000 KELVIN 50K 5 000 KELVIN ³		120-277 347 120-277 V 347 V		DD1 0-10V dimming driver		FP Frosted Polycarbonate		A1 ESPEN		STD Standard

¹ Only available in 120-277 V

² 52 W only available in 4 000 K, 347 V

³ Not available in 35 & 52 W in 347 V

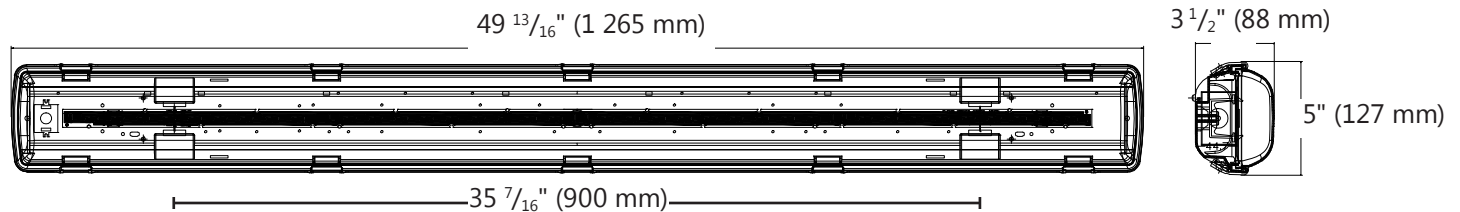
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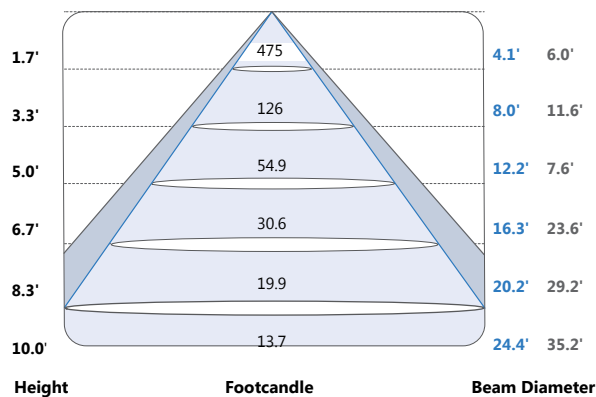
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TECHNICAL DRAWINGS AND DIMENSIONS



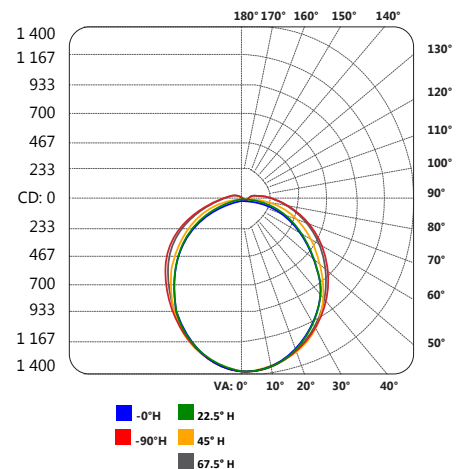
BEAM SPREAD*

Vertical spread - 101.3°
Horizontal spread - 120.8°



CANDELA DISTRIBUTION*

Polar Candela Distribution



COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)*

RCC %:	80				70				50				30				10				0			
RW %:	70	50	30	0	70	50	30	0	50	30	20	10	50	30	20	10	50	30	20	10	0	0	0	0
RCR: 0	1.17	1.17	1.17	1.17	1.14	1.14	1.14	.93	1.07	1.07	1.07	1.01	1.01	1.01	1.01	.96	.96	.96	.96	.93	.93	.93	.93	.93
1	1.06	1.00	.95	.91	1.02	.97	.93	.76	.92	.88	.85	.87	.84	.81	.82	.80	.77	.75	.75	.75	.75	.75	.75	.75
2	.96	.87	.79	.73	.92	.84	.78	.63	.80	.74	.69	.75	.71	.66	.71	.67	.64	.61	.61	.61	.61	.61	.61	.61
3	.87	.76	.67	.60	.84	.74	.66	.53	.70	.63	.58	.66	.60	.56	.63	.58	.54	.51	.51	.51	.51	.51	.51	.51
4	.80	.67	.58	.51	.77	.65	.57	.45	.62	.55	.49	.59	.52	.47	.56	.50	.46	.44	.44	.44	.44	.44	.44	.44
5	.73	.60	.51	.44	.70	.58	.50	.39	.55	.48	.42	.53	.46	.41	.50	.44	.40	.38	.38	.38	.38	.38	.38	.38
6	.67	.54	.45	.38	.65	.53	.44	.35	.50	.42	.37	.48	.41	.36	.45	.40	.35	.33	.33	.33	.33	.33	.33	.33
7	.63	.49	.40	.34	.60	.48	.39	.31	.45	.38	.33	.43	.37	.32	.41	.36	.31	.29	.29	.29	.29	.29	.29	.29
8	.58	.45	.36	.30	.56	.44	.35	.28	.42	.34	.29	.40	.33	.29	.38	.32	.28	.26	.26	.26	.26	.26	.26	.26
9	.54	.41	.33	.27	.53	.40	.32	.25	.38	.31	.26	.37	.30	.26	.35	.29	.25	.23	.23	.23	.23	.23	.23	.23
10	.51	.38	.30	.24	.49	.37	.29	.23	.35	.29	.24	.34	.28	.23	.33	.27	.23	.21	.21	.21	.21	.21	.21	.21

*Complete IES files available on our website

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name:

Company:

Signature:

Date: