

# 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: 66877  
 Description: LSV/N/40W/50K/120-277/DD1/FP/A1/STD  
 UPC: 69549668775  
 Case quantity: 4



### PHYSICAL DATA

Size in. (mm): 49 <sup>13</sup>/<sub>16</sub>" (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): 40  
 Volts (VAC): 120-277  
 Colour temp. (K): 5 000  
 Lumen output (lm): 5 240  
 Lumen per Watts (lm/W): 131  
 CRI: 87  
 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): 850  
 Operating temp. range: -30 to 50 °C (-22 to 122 °F)



### 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 <sup>1</sup> 52W 52 Watts <sup>2</sup> 65W 65 Watts		40K 4 000 KELVIN 50K 5 000 KELVIN <sup>3</sup>		120-277 120-277 V 347 347 V		DD1 0-10V dimming driver		FP Frosted Polycarbonate		A1 ESPEN		STD Standard

<sup>1</sup> Only available in 120-277 V

<sup>2</sup> 52 W only available in 4 000 K, 347 V

<sup>3</sup> Not available in 35 & 52 W in 347 V

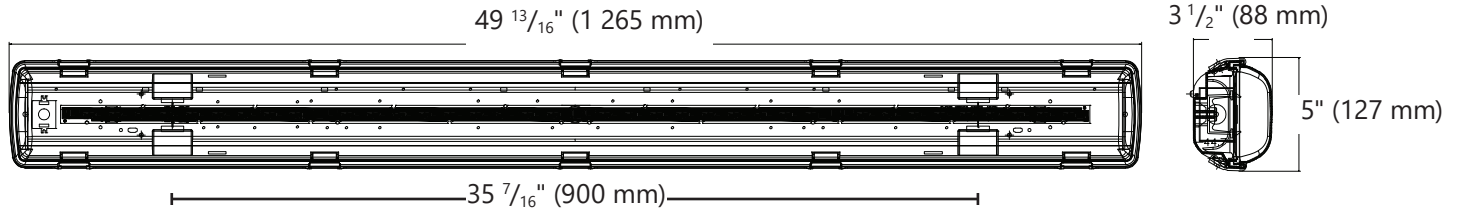
This lighting equipment complies with Canadian standard ICES-005 for use in commercial applications.  
 Data is based upon tests performed in a controlled environment and representative of relative performance.  
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.  
 May 22, 2019

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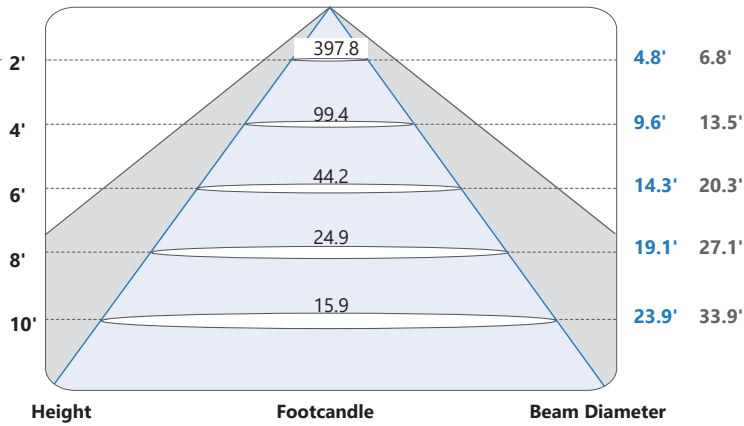
ORDER CODE: 66877

## TECHNICAL DRAWINGS AND DIMENSIONS

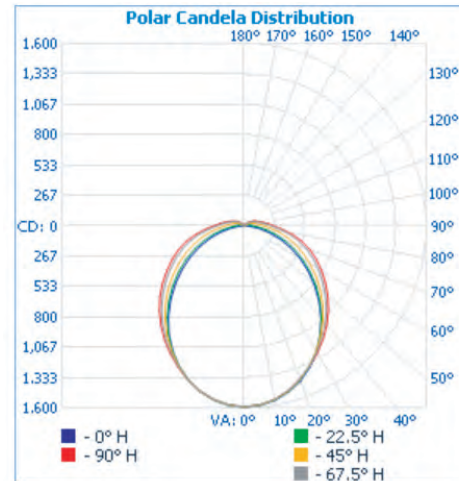


## BEAM SPREAD\*

Vertical spread - 100.1°  
Horizontal spread - 118.8°



## 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	50	30	20	50	30	20	50	30	20	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	.96	.96	.96	.93	.93	.93	.93
1	1.06	1.00	.96	.91	1.02	.97	.93	.76	.92	.88	.85	.87	.84	.81	.82	.80	.78	.75	.75	.75	.75
2	.96	.87	.80	.73	.92	.84	.78	.63	.80	.74	.69	.75	.71	.67	.72	.68	.64	.62	.62	.62	.62
3	.87	.76	.68	.61	.84	.74	.66	.53	.70	.63	.58	.66	.61	.56	.63	.58	.54	.52	.52	.52	.52
4	.80	.67	.58	.51	.77	.66	.57	.46	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44	.44	.44	.44
5	.73	.60	.51	.44	.71	.59	.50	.40	.56	.48	.42	.53	.46	.41	.50	.45	.40	.38	.38	.38	.38
6	.68	.54	.45	.38	.65	.53	.44	.35	.50	.43	.37	.48	.41	.36	.46	.40	.35	.33	.33	.33	.33
7	.63	.49	.40	.34	.61	.48	.39	.31	.46	.38	.33	.44	.37	.32	.42	.36	.31	.29	.29	.29	.29
8	.58	.45	.36	.30	.56	.44	.36	.28	.42	.35	.29	.40	.34	.29	.38	.33	.28	.26	.26	.26	.26
9	.55	.41	.33	.27	.53	.40	.32	.25	.39	.31	.26	.37	.31	.26	.36	.30	.25	.24	.24	.24	.24
10	.51	.38	.30	.25	.50	.37	.30	.23	.36	.29	.24	.34	.28	.24	.33	.27	.23	.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: \_\_\_\_\_