



# Estimate

Date	Estimate #
3/17/2023	7962

Name / Address
Jefferson Parish

Ship To
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Project
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Item	Description	Qty	Price	Total
E2VT4A38-850 Free Shipping	4ft 5000k 38w, waterproof vaportight fixture, 120v Free Shipping	200	60.00 0.00	12,000.00T 0.00

400 E. Cork St. Kalamazoo, MI 49001  
 1-877-LED-5554 or 269-532-1313  
 www.LEDLightingWHOLESALEinc.com

Project:		Catalog #:		Type:	
Prepared by:		Notes:		Date:	

## E2VT

LED Vapor Tight Fixture  
Fixed CCT | 2-ft, 4-ft options  
5-yr Warranty

## OVERVIEW

Energetic Lighting's E2VT series vapor tight fixture is suitable for use in a broad range of commercial applications. Utilizing today's latest innovative LED solutions and technologies while paired with world class manufacturing practices, the E2VT provides customers an affordable LED vapor tight fixture offering the perfect blend of design, performance, value and reliability.

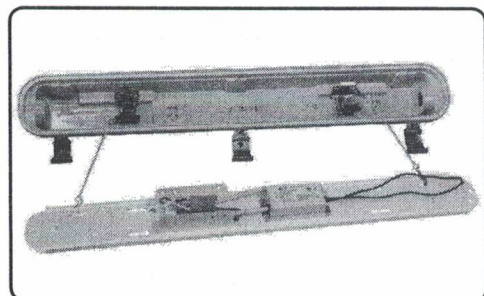
An attractive and high-performance product thanks to its radiused profile with 130+ LPW high efficacy LED diodes. The fully sealed housing can be installed in high humidity areas and in locations that receive direct water exposure. Both fixture body and diffuser are constructed of durable polymers for impact resistance. This versatile light can be used for general functional lighting, where its rugged construction and long LED lifetime will provide years of maintenance-free service. Installation is quick and simple with standard sized conduit openings at both ends, quick mounting clips, and hang bracket mounting options all included.

## KEY FEATURES

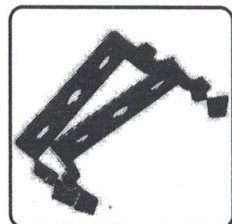
- 2' and 4' configurations available for design flexibility
- All configurations are DLC 5.0 Premium listed
- 130+ LPW provides 40-60% in energy savings vs. fluorescent
- Polymer diffusing lens creates an extremely uniform visual aesthetic and provides targeted uniform illumination
- UL Listed wet location + IP65 rating
- Easy and tamper resistant installation
- Emergency battery backup systems available
- Internal integrated occupancy sensor available
- Liquid-tight connector included / optional flexible metal conduit adapter available
- Available in 4000K & 5000K @ >80 CRI for design flexibility
- 120-277V drivers with 0-10v dimming standard
- 88% lumen maintenance @ 54,000 hours – L88/54,000 (per IES TM21)
- Projected L70 @ 148,000 hours = maintenance free illumination (per IES TM21)



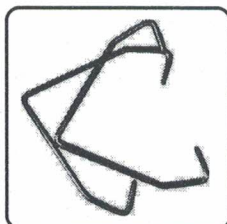
## Highlights



Convenient LED tray cables provide fixture support during wiring



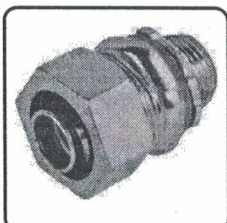
Surface-mounting clips (included)



Suspension V-hook brackets (included)



Liquid-tight cord bushing (included)



Flexible metal conduit adapter fitting (optional)

## Load Information

Power Factor	0.9
THD	10%
Low Temp Start	-45°C (-49°F)
Max Temp	45°C (113°F)
Unit Weight	2-ft 2.5 LBS
	4-ft 4.5 LBS

## Shipping Information

Item	Weight	Box Qty.
2-ft length	3.5 lbs	4 per
4-ft length	5 lbs	4 per

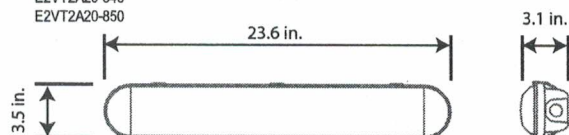
## Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (54,000 hours)	Theoretical L70 (hours)
25°C	>88%	148,000

## Dimensions

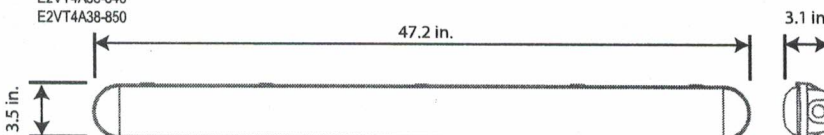
### 2-ft models:

E2VT2A20-840  
E2VT2A20-850



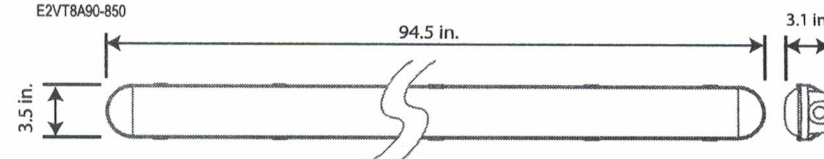
### 4-ft models:

E2VT4A38-840  
E2VT4A38-850



### 8-ft models:

E2VT8A75-840  
E2VT8A75-850  
E2VT8A90-840  
E2VT8A90-850





## STOCK ORDERING INFORMATION

### 2-FT Housing Length

Catalog Logic	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E2VT2A20-840	90010	2620 LM	20 W	131	4000K	82	120-277	0-10v	5.0 P	TBA
E2VT2A20-850	90011	2640 LM	20 W	132	5000K	82	120-277	0-10v	5.0 P	TBA

### 4-FT Housing Length

Catalog Logic	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E2VT4A38-840	90012	5168 LM	38 W	136	4000K	82	120-277	0-10v	5.0 P	176
E2VT4A38-850	90013	5206 LM	38 W	137	5000K	82	120-277	0-10v	5.0 P	176

### 4-FT Housing Length with integrated occupancy sensor

Catalog Logic	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E2VT4A38M-840	90021	4940 LM	38 W	130	4000K	82	120-277	0-10v	TBA	TBA
E2VT4A38M-850	90022	4978 LM	38 W	131	5000K	82	120-277	0-10v	TBA	TBA

### 4-FT Housing Length with integrated emergency battery backup system

Catalog Logic	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E2VT4A38E-840	90028	4940 LM	38 W	130	4000K	82	120-277	0-10v	TBA	TBA
E2VT4A38E-850	90029	4978 LM	38 W	131	5000K	82	120-277	0-10v	TBA	TBA

### 8-FT Housing Length

Catalog Logic	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E2VT8A75-840	90014	9750 LM	75 W	130	4000K	82	120-277	0-10v	TBA	TBA
E2VT8A75-850	90015	9825 LM	75 W	131	5000K	82	120-277	0-10v	TBA	TBA
E2VT8A90-840	90016	11700 LM	90 W	130	4000K	82	120-277	0-10v	TBA	TBA
E2VT8A90-850	90017	11790 LM	90 W	131	5000K	82	120-277	0-10v	TBA	TBA

### 8-FT Housing Length with integrated occupancy sensor

Catalog Logic	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E2VT8A75M-840	90023	9750 LM	75 W	130	4000K	82	120-277	0-10v	TBA	TBA
E2VT8A75M-850	90024	9825 LM	75 W	131	5000K	82	120-277	0-10v	TBA	TBA
E2VT8A90M-840	90025	11700 LM	90 W	130	4000K	82	120-277	0-10v	TBA	TBA
E2VT8A90M-850	90026	11790 LM	90 W	131	5000K	82	120-277	0-10v	TBA	TBA

### 8-FT Housing Length with integrated emergency battery backup system

Catalog Logic	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E2VT8A75E-840	90030	9750 LM	75 W	130	4000K	82	120-277	0-10v	TBA	TBA
E2VT8A75E-850	90031	9825 LM	75 W	131	5000K	82	120-277	0-10v	TBA	TBA
E2VT8A90E-840	90032	11700 LM	90 W	130	4000K	82	120-277	0-10v	TBA	TBA
E2VT8A90E-850	90033	11790 LM	90 W	131	5000K	82	120-277	0-10v	TBA	TBA

## Options and Accessories

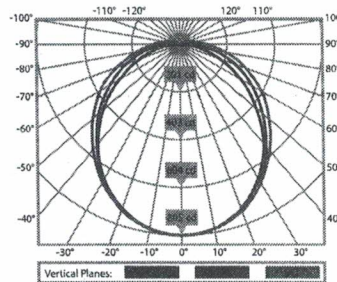
Catalog Logic	Order #	Description
EICAD-FMC	99024	Flexible metal conduit, twist on fitting



### PHOTOMETRIC DATA

Cat Logic: E2VT2A20-840  
Test Report: E2VT2A20-840.ies  
CCT: 4000K  
Lamp Type: LED  
Lumens: 2564.9 LM  
Input Watts: 19.24 W  
Efficacy: 133 LM/W  
Spacing Criteria: [0° : 1.24] [90° : 1.28]

#### Polar Candela Plot



#### Zonal Lumen Summary

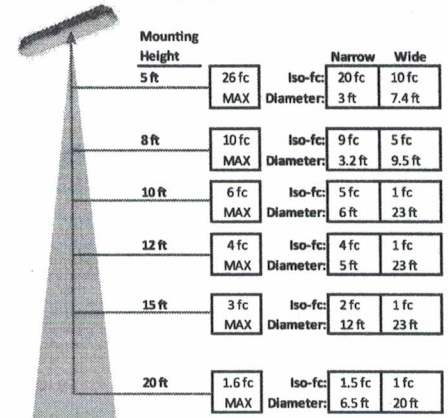
Zone	Lumens	%Luminaire
0-20	293.05	11.4
0-30	619.57	24.2
0-40	1010.96	39.4
0-60	1794.84	70
0-80	2319.02	90.4
0-90	2441.5	95.2
0-180	2564.9	100

### Coefficients of Utilization

Effective Floor Cavity Reflectance 0.20

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	50	30	10	50	30	10	0
RCR																								
0	118	118	118	118	115	115	115	115	108	108	108	103	103	103	98	98	98	95	95	95	95	95	95	95
1	106	101	96	92	103	98	94	90	93	89	86	88	85	82	84	81	79	77	77	77	77	77	77	77
2	96	87	80	74	93	85	78	72	80	75	70	76	72	68	73	69	65	63	63	63	63	63	63	63
3	87	76	68	61	84	74	66	60	70	64	58	67	61	56	64	59	55	52	52	52	52	52	52	52
4	80	67	58	51	77	66	57	50	62	55	49	59	53	48	57	51	47	44	44	44	44	44	44	44
5	73	60	51	44	71	59	50	43	56	48	42	53	47	41	51	45	41	38	38	38	38	38	38	38
6	68	54	45	38	65	53	44	38	50	43	37	48	41	36	46	40	36	33	33	33	33	33	33	33
7	63	49	40	34	61	48	39	33	46	38	33	44	37	32	42	36	32	29	29	29	29	29	29	29
8	58	45	36	30	56	44	35	30	42	34	29	40	34	29	39	33	28	26	26	26	26	26	26	26
9	54	41	32	27	53	40	32	27	39	31	26	37	31	26	36	30	25	24	24	24	24	24	24	24
10	51	38	30	24	50	37	29	24	36	29	24	34	28	23	33	27	23	21	21	21	21	21	21	21

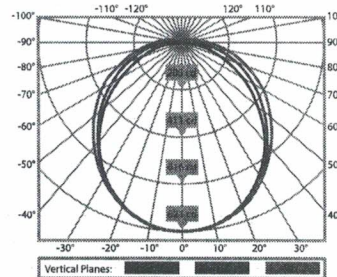
#### Isofootcandle Sampling



### PHOTOMETRIC DATA

Cat Logic: E2VT2A20-850  
Applicable: E2VT2A20M-850  
Models: E2VT2A20E-850  
Test Report: E2VT2A20-850.ies  
CCT: 5000K  
Lamp Type: LED  
Lumens: 2637 LM  
Input Watts: 19.38 W  
Efficacy: 136 LM/W  
Spacing Criteria: [0° : 1.24] [90° : 1.28]

#### Polar Candela Plot



#### Zonal Lumen Summary

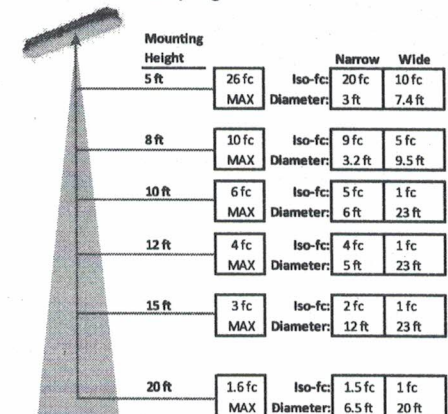
Zone	Lumens	%Luminaire
0-20	298.73	11.3
0-30	631.85	24
0-40	1031.8	39.1
0-60	1835.94	69.6
0-80	2377.72	90.2
0-90	2506	95
0-180	2636.81	100

### Coefficients of Utilization

Effective Floor Cavity Reflectance 0.20

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	50	30	10	50	30	10	0
RCR																								
0	118	118	118	118	115	115	115	115	108	108	108	103	103	103	97	97	97	95	95	95	95	95	95	95
1	106	101	96	91	103	98	93	89	93	89	86	88	85	82	83	81	79	76	76	76	76	76	76	76
2	96	87	80	73	93	85	78	72	80	75	70	76	71	67	72	68	65	63	63	63	63	63	63	63
3	87	76	67	60	84	74	66	60	70	63	58	67	61	56	64	59	55	52	52	52	52	52	52	52
4	80	67	58	51	77	65	57	50	62	55	49	59	53	48	57	51	47	44	44	44	44	44	44	44
5	73	60	51	44	71	58	50	43	56	48	42	53	46	41	51	45	40	38	38	38	38	38	38	38
6	67	54	45	38	65	53	44	38	50	43	37	48	41	36	46	40	35	33	33	33	33	33	33	33
7	63	49	40	33	60	48	39	33	46	38	33	44	37	32	42	36	31	29	29	29	29	29	29	29
8	58	44	36	30	56	43	35	30	42	34	29	40	33	29	39	33	28	26	26	26	26	26	26	26
9	54	41	32	27	53	40	32	27	38	31	26	37	30	26	36	30	25	23	23	23	23	23	23	23
10	51	38	30	24	49	37	29	24	35	28	24	34	28	23	33	27	23	21	21	21	21	21	21	21

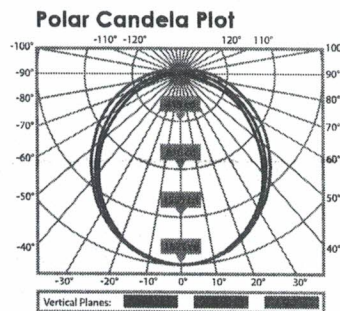
#### Isofootcandle Sampling





### PHOTOMETRIC DATA

Cat Logic: E2VT4A38-840  
Applicable: E2VT4A38M-840  
Models: E2VT4A38E-840  
Test Report: E2VT4A38-840.ies  
CCT: 4000K  
Lamp Type: LED  
Lumens: 5071 LM  
Input Watts: 36.75 W  
Efficacy: 138 LM/W  
Spacing Criteria: [0° : 1.22] [90° : 1.26]



### Zonal Lumen Summary

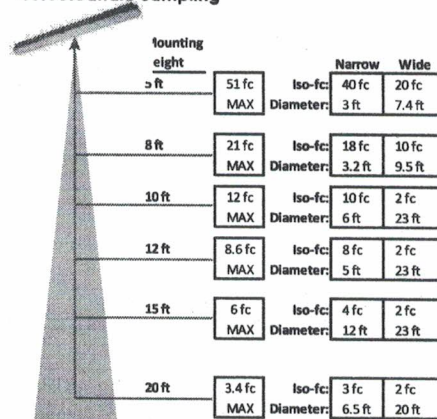
Zone	Lumens	%Luminaire
0-20	606.92	12
0-30	1276.82	25.2
0-40	2068.23	40.8
0-60	3610.85	71.2
0-80	4609.95	90.9
0-90	4838.06	95.4
0-180	5070.9	100

### Coefficients of Utilization

Effective Floor Cavity Reflectance 0.20

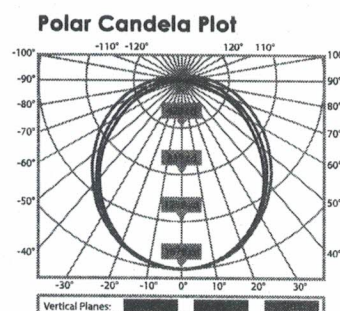
rc	80%				70%				50%			30%			10%			0%
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	95
1	106	101	96	92	103	98	94	90	93	90	86	89	86	83	84	82	80	77
2	96	88	80	74	93	85	79	73	81	75	71	77	72	68	73	70	66	64
3	88	77	68	61	85	75	67	61	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	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	36	34
7	63	49	41	34	61	48	40	34	46	39	34	45	38	33	43	37	32	30
8	59	45	37	31	57	44	36	30	43	35	30	41	34	29	39	33	29	27
9	55	41	33	28	53	41	33	27	39	32	27	38	31	27	36	31	26	24
10	52	38	30	25	50	38	30	25	36	29	25	35	29	24	34	28	24	22

### Isofootcandle Sampling



### PHOTOMETRIC DATA

Cat Logic: E2VT4A38-850  
Applicable: E2VT4A38M-850  
Models: E2VT4A38E-850  
Test Report: E2VT4A38-850.ies  
CCT: 5000K  
Lamp Type: LED  
Lumens: 5083 LM  
Input Watts: 36.77 W  
Efficacy: 138 LM/W  
Spacing Criteria: [0° : 1.22] [90° : 1.28]



### Zonal Lumen Summary

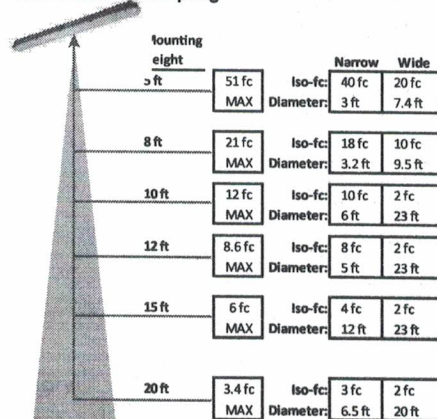
Zone	Lumens	%Luminaire
0-20	609.27	12
0-30	1282.33	25.2
0-40	2078.05	40.9
0-60	3628.12	71.4
0-80	4628.19	91.1
0-90	4853.62	95.5
0-180	5082.53	100

### Coefficients of Utilization

Effective Floor Cavity Reflectance 0.20

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
RCR																		
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	95
1	106	101	96	92	103	98	94	90	93	90	87	89	86	83	84	82	80	77
2	96	88	80	74	93	85	79	73	81	76	71	77	72	68	73	70	66	64
3	88	77	68	62	85	75	67	61	71	65	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	61	52	45	71	59	51	44	57	49	43	54	48	42	52	46	42	39
6	68	55	46	39	66	53	45	39	51	44	38	49	42	37	47	41	37	34
7	63	50	41	34	61	49	40	34	47	39	34	45	38	33	43	37	32	30
8	59	45	37	31	57	44	36	30	43	35	30	41	34	30	39	34	29	27
9	55	41	33	28	53	41	33	27	39	32	27	38	31	27	36	31	26	24
10	52	38	30	25	50	38	30	25	36	29	25	35	29	24	34	28	24	22

### Isofootcandle Sampling





**ENERGETIC**  
L I G H T I N G

**E2VT**

LED Vapor Tight Fixture  
54,000 System Lifetime | 5-yr Warranty

**NOTES:**



**ENERGETIC**  
L I G H T I N G

**E2VT**

LED Vapor Tight Fixture  
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**NOTES:**