

VTC-W

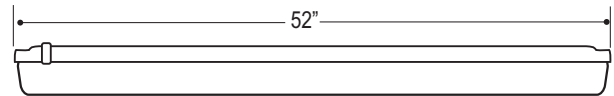
Vapor-Tite/Vandal Resistant
Deep Clear Lens, Fiberglass Housing
Damp/Dusty/Wet Locations
LED

We reserve the right to revise the design or components of any product without notice.

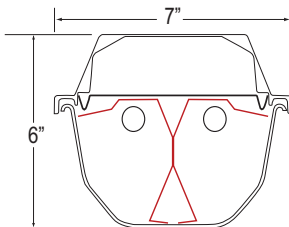
CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

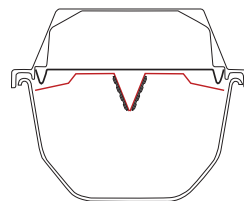
- DRIVER — Universal volt (120-277v) electronic driver (EBU) is standard for LED.
- EMERGENCY — LED — Integral.
- GASKETING — Continuous Poured in Place to seal Outside Contaminants.
- HOUSING — Fiberglass Reinforced Polyester (with an Acrylic 50/50 DR lens for maximum strength and rigidity).
- LATCHES — Stainless Steel Latches (SSL).
- REFLECTOR — 20G Specular Aluminum. Optional Mirror Reflector (MR).
- FINISH — All metal parts are phosphate pre-treated and finished in white oven baked polyester powder coat.
- LENS — Deep Lens. Standard optically Clear Acrylic provides high light transmission and long lasting clarity, while controlling brightness and lamps visibility with frosted edges. Provides mounting for lamp sockets and ballasts.
- LIGHT ENGINE — Energy Efficient Light Emitting Diode (LED).
- MOUNTING — Standard Stainless Steel Mounting Brackets—Included with Fixture Snap onto housing (no holes to drill through housing) at most points along fixture for variable mounting centers (brackets cannot be fitted over latches). Optional Cable or Pendant Mounting.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Suitable for indoor damp and outdoor wet location installations. IP65 Tested and Rated.



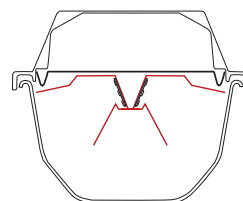
OPTIONS



Shown with Wide (WD)
2 Lamp Distribution Reflector
for T5 & T8



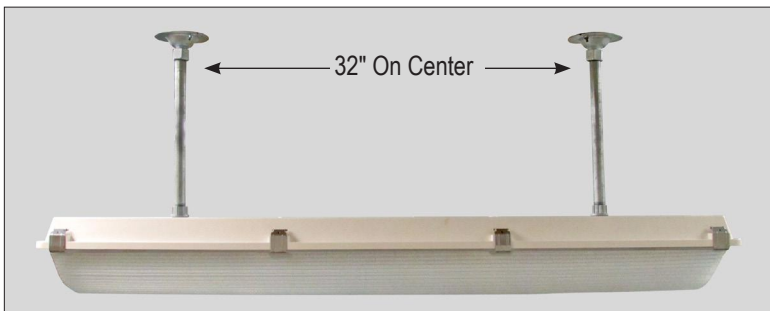
Shown with LED



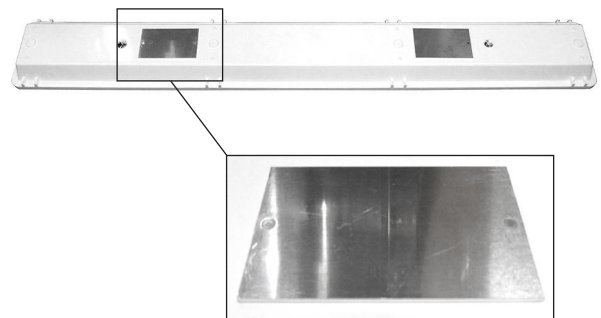
Shown with LED and Wide (WD)
Distribution Reflector;
and Deep Frosted Diffuser (DF)



Stainless Steel Mounting Brackets
(Standard)



VTC-W Shown with Pendant Option (PEND) and Deep Frosted Diffuser (DF)



VTC-W Shown with Standard Reinforcement Plates
Attached on Back of Housing
(Prevents Damage from Vibration)

VTC-W

Vapor-Tite/Vandal Resistant
Deep Clear Lens, Fiberglass Housing
Damp/Dusty/Wet Locations
LED

LAMP TYPE/QTY/WATTAGE ❶			
Visit www.eclipselightinginc.com for available IES files			
Fixture		VTC-W-2	VTC-W-4
Dimensions - W x H x D (nominal)		7" wide x 24" long x 6" deep	7" wide x 48" long x 6" deep
Light Emitting Diode	LED	40w	70w
LED-T8 Sockets <i>Socket wire leads connect directly to AC Power</i>	LEDT8-SCK	(2)T8 LED Lamps <i>*Supplied by Other</i>	(2)T8 LED Lamps <i>*Supplied by Other</i>

ORDERING GUIDE: Series Size Lamp/Wattage Color Voltage Finish Options

SERIES
VTC-W = VTC-W Deep Lens Series

SIZE
2' = 2 Foot Length
4' = 4 Foot Length

LAMP TYPE/QUANTITY/WATTAGE
Refer to Above Chart

LED COLOR TEMPERATURE
3K = ±3000K Range LED
35K = ±3500K Range LED
4K = ±4000K Range LED
5K = ±5000K Range LED
65K = ±6500K Range LED

VOLTAGE
120 = 120 Volts
277 = 277 Volts
347 = 347 Volts
EBU = Universal Volt (120-277v) Electronic Driver
2EBU = Two Universal Volt Electronic Drivers

FINISH
WH = White Finish

OPTIONS
ACM = Aircraft Cable Mount
CPL = Clear Polycarbonate Latches
DLC = Design Lights Consortium (Consult Factory)
FUS = Single Fusing
DFUS = Double Fusing
DF = Deep Frosted Acrylic Diffuser
GTD = Generator Transfer Device (Bodine)
HUB2 = 1/2" Myers Hub
HUB3 = 3/4" Myers Hub
MR = Mirror Reflector
NS = No Stem Included
PEND = Two Stem Pendant Mount — 12" Standard
WD = Wide Distribution Reflector

LED OPTIONS
BL1 = Bi-Level Light (High/Low)
— Single AC Input Feed, with Switch Sensor (Required)
BL2 = Bi-Level Light (High/Low)
— Wired for Dual AC Input Feeds
D7 = 0-10V low-voltage LED Dimming (100-30% Standard, Consult Factory for Other)
D8 = LED Dimming: Forward Phase (Triac)
GC = Diffusion Lens for Glare Control of LED
MSE = Motion Sensor External—Single circuit-all on, all off
Specify Finish: White (WH)/Bronze (BZ)
MSE2 = Motion Sensor External—Dual circuit, half on half off
Specify Finish: White (WH)/Bronze (BZ)
SG = 10KA Surge Protection for LED fixtures (meets ANSI spec. C62.41.2)

EMERGENCY BATTERY OPTIONS ❸❹
No onsite Emergency Power (AC or DC) is provided
Specify Fixture Voltage: 120V or 277V Power Feed
A=120V or B=277V

LED Emergency Battery
EL67 = LED 23 Watt Cold Weather (Integral)
EL82 = LED 4 Watt (Integral)
EL85 = LED 20 Watt (Integral)
EL88 = LED 16 Watt (Integral)

NOTES:

- ❶ Consult Factory with requests regarding lamp sources, wattages or voltages not shown.
- ❷ Consult Factory for additional Emergency Battery options.
- ❸ Due to form and fit, final selection of the Battery Pack under discretion of Factory

Test # LLI-15007-4-R03

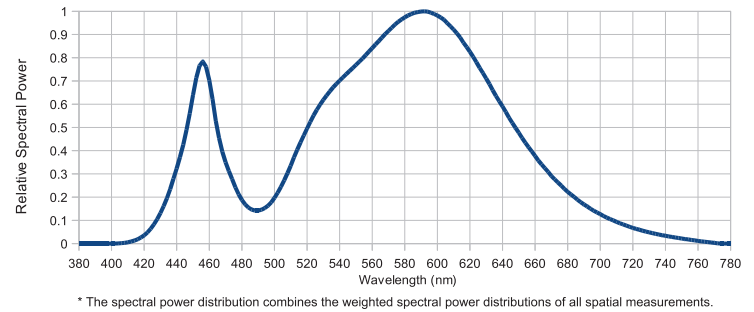
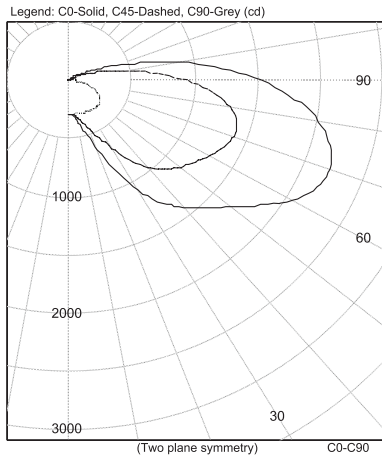
VTC-W-4-LED70-35K-2EBU-D7-WD-DF

Test Date: 1/20/2016

Tested in accordance with LM-79-80
The results contained in this summary report pertain only to the tested sample

Electrical Test Conditions								
Temp	Voltage	Current	Power	Power Factor	CCT	CRI	DUV	THD
25°C (±1°C)	120.0	0.588A	68.4W	0.969	3470K	74	0.0007	14.18%

Summary of Results		
Total Lumen Output	7763 Lumens	
Efficacy (Lm/W)	113.5 Lm/W	
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	395	5.1
0-40	905	11.7
0-60	2714	35.0
0-90	6478	83.4
40-90	5573	71.8
60-90	3764	48.5
90-180	1285	16.6
0-180	7763	100.0



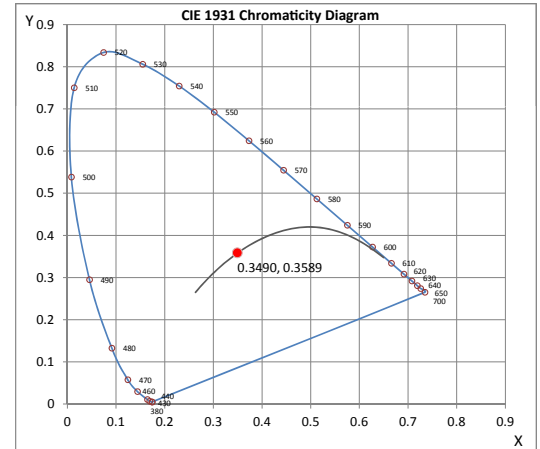
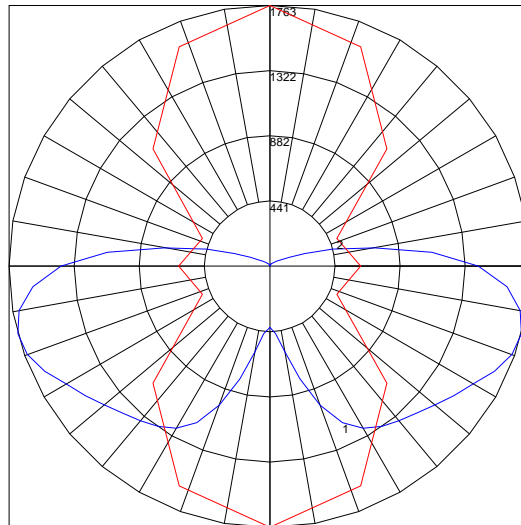
Test # L01148301

Test Date: 1/26/2014

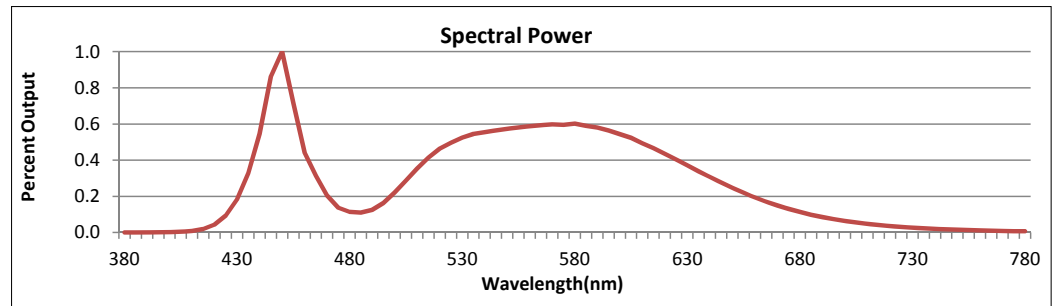
Tested in accordance with LM-79-80
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Electrical Test Conditions								
Temp	Voltage	Current	Power	Power Factor	CCT	CRI	DUV	THD
25°C (±1°C)	277.0	0.28A	71.52W	0.93	4884K	74	0.00210	20%

Summary of Results		
Total Lumen Output	7156.84 Lumens	
Efficacy (Lm/W)	100 Lm/W	
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1684	20.9
0-40	2752	34.2
0-60	4901	60.9
0-90	7165	89.1
40-90	4413	54.9
60-90	2264	28.1
90-180	879	10.9
0-180	8044	100.0



Maximum Candela = 1763 Located At Horizontal Angle = 90, Vertical Angle = 75
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (75) (Through Max. Cd.)



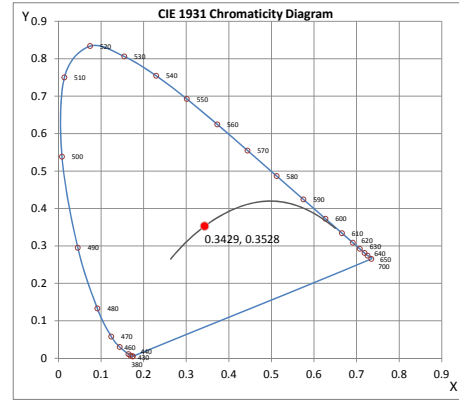
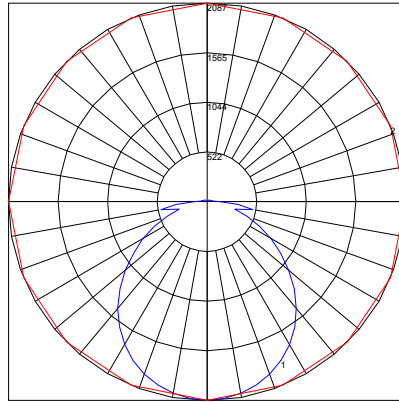
Test # L11133802

Test Date: 11/15/2013

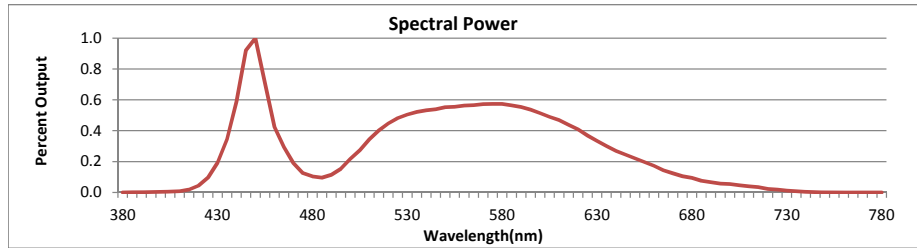
Tested in accordance with LM-79-80
The results contained in this summary report pertain only to the tested sample

Summary of Results		
Total Lumen Output	7915.42 Lumens	
Efficacy (Lm/W)	109 Lm/W	
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1580.4	20.00
0-40	2583.4	32.60
0-60	4733.83	59.80
0-90	7304.49	92.30
40-90	4721.09	59.70
60-90	2570.66	32.50
90-180	610.94	7.70
0-180	7915.42	100.0

Electrical Test Conditions							
Temp	Voltage	Current	Power	Power Factor	Luminous Length (0-180)	Luminous Width (90-270)	Luminous Height
25°C (±1°C)	120.0	0.7-03A	72.63W	1.00	4.21 ft	0.48 ft	0.28 ft



Maximum Candela = 2067 - Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



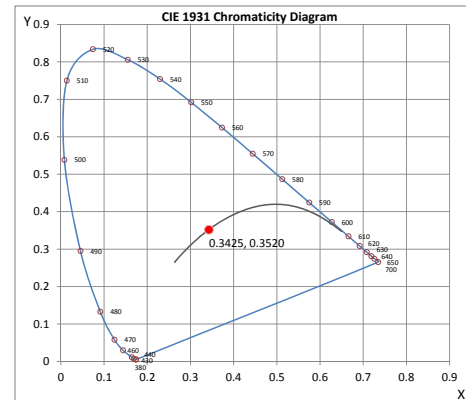
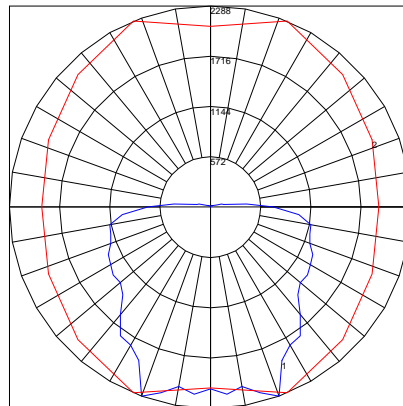
Test # L11133801

Test Date: 11/15/2013

Tested in accordance with LM-79-80
The results contained in this summary report pertain only to the tested sample

Summary of Results		
Total Lumen Output	8163.64 Lumens	
Efficacy (Lm/W)	112 Lm/W	
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1695.78	20.80
0-40	2774.04	34.00
0-60	4975.06	60.90
0-90	7675.6	94.00
40-90	4901.56	60.00
60-90	2700.54	33.10
90-180	488.04	6.00
0-180	8163.64	100.0

Electrical Test Conditions							
Temp	Voltage	Current	Power	Power Factor	CCT	CRI	THD
25°C (±1°C)	120.0	0.61A	72.67W	0.99	5102K	74	15%



Maximum Candela = 2288 - Located At Horizontal Angle = 67.5, Vertical Angle = 20
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (20) (Through Max. Cd.)

