LED Emergency Lights

MODEL OE-216-72W | OE-216-150W

Product Specification Sheet



HIGHLIGHTS

LED Dual Head Emergency Light with simple and modern design and high efficiency LED remote heads

- Has 2 pieces 2W ultra bright LED lamp heads for emergency mode and 120V/277V/347V AC triple voltage operation
- Universal mounting pattern and key hole slots are stamped on the back and conduit knockouts on the sides of each unit
- Comes with built-in12V 7Ah (OE-216-72W) / 2*6V 12Ah (OE-216-150W) Lead-Acid battery for upto 2 hours of emergency operation
- Made of steel housing with lightweight thermal plastic head in matching colour, and has UL94V-0 flame rating
- Full recharge time is maximum 24 hours and is suitable for 0°C to +40°C indoor damp locations
- Provides overcharge & over-discharge protection
- Includes test switch and charge indicator
- Fast and Easy installation in minutes
- As per CSA recommendations, batteries should be replaced every 4 years
- More than 200 lmn

SPECIFICATIONS

Model	**OE-216-72W**	**OE-216-150W**
Wattage	72W Max.	150W Max.
Voltage	120V AC or 277V AC or 347V AC / 60Hz	120V AC or 277V AC or 347V AC / 60Hz
AC Charging Current	160mA AC Max.	0.2A AC Max.
DC Charging Voltage	10.5-14.8V DC	10.5-14.8V DC
DC Charging Current	630mA DC	830mA DC Max.
Lumens	260 lmn	260 lmn
Material	Steel housing & light weight thermal polymeric heads in matching colour	
Battery	12V 7Ah	2pcs 6V 12Ah
Battery Type	Lead-Acid Battery	Lead-Acid Battery
Emergency Duration Time	150W at 30mins battery backup time / 65W at 90mins battery backup time / 45W at 120mins battery backup time	
Discharge Current	0.3-6.3A	0.3-12.8A
Charging Time	24 hours	24 hours
Remote Head Output Voltage	12V DC	12V DC
Colour Temp.	6500K (Cool White)	6500K (Cool White)
Operating Temp.	0°C ~ +40°C	0°C ~ +40°C
Warranty	5 years	5 years
Case Quantiites	2	1

info@ortechindustries.com
www.ortechindustries.ca

13376 Comber Way
Surrey BC V3W 5V9

205 Summerlea Rd
Brampton, ON L6T 4E5

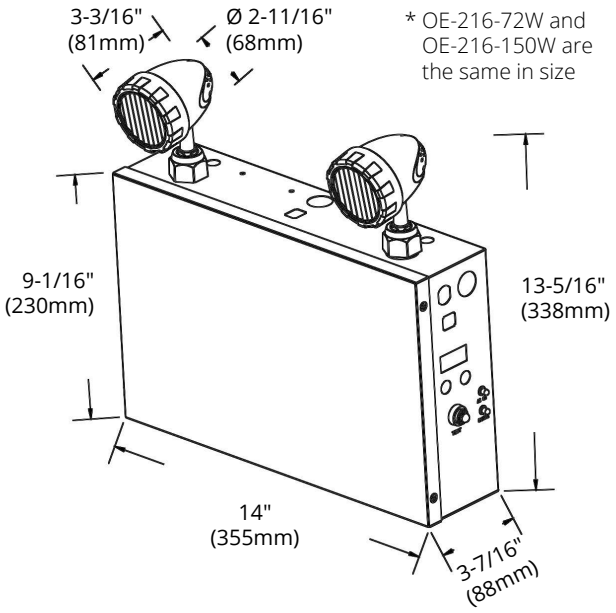
1-888-543-6473
1-888-541-6474

LED Emergency Lights

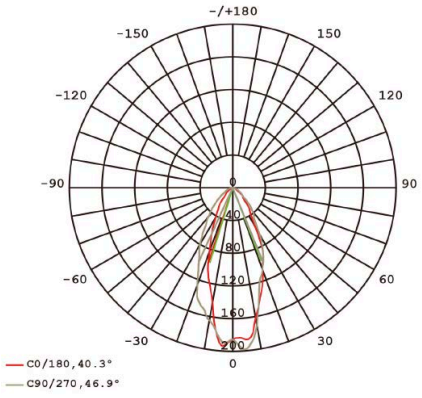
Product Specification Sheet

MODEL OE-216-72W | OE-216-150W

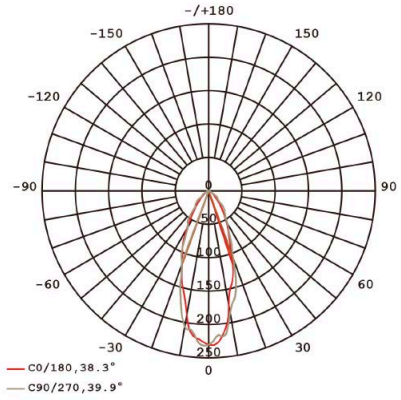
DIMENSIONS & TESTING REPORT



Light Distribution Curves

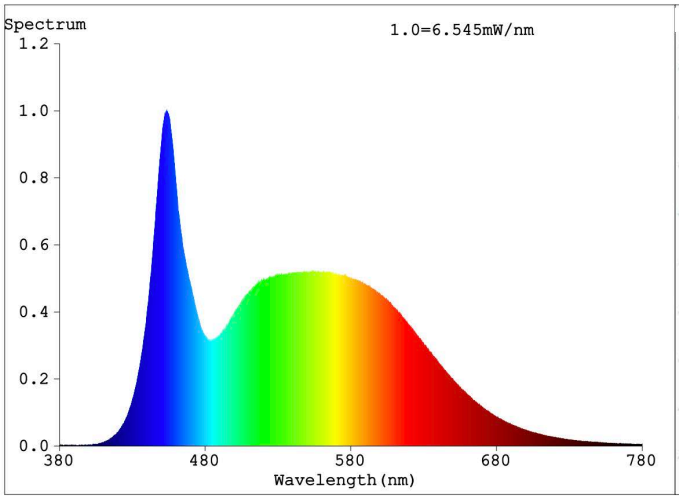


OE-216-72W

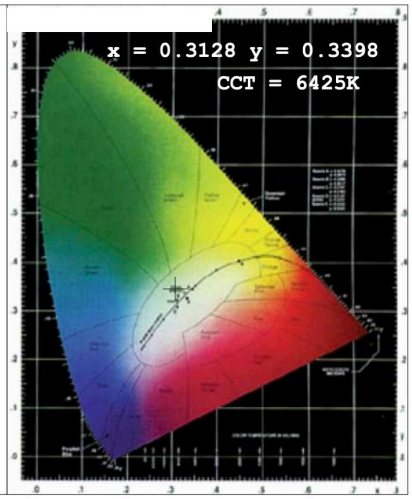


OE-216-150W

SPECTRA



Spectral Distribution



OE-216-72W Chromaticity Diagram

Colourimetric Parameters

Chromaticity Coordinate: x = 0.3128 y = 0.3398 / u' = 0.1939 v' = 0.4740

CCT= 6425K (Duv=0.0086) Dominant WL: Ld=495.7nm Purity=6.6%

Peak WL: Lp=453.5nm FWHM: =26.6nm Ratio:R=13.1% G=80.9% B=6.0%

Render Index: Ra = 83.2 CRI = 75.8 AvgR = 75.7

R1 =80 R2 =89 R3 =94 R4 =80 R5 =81 R6 =85 R7 =88

R8 =67 R9 =2 R10=74 R11=80 R12=59 R13=83 R14=97 R15=74

Photometric & Radiometric Parameters

Flux = 223.5 lm Eff. : 0.00 lm/W Fe = 711.7 mW

OE-216-72W

Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0

info@ortechindustries.com
www.ortechindustries.ca

13376 Comber Way
Surrey BC V3W 5V9

205 Summerlea Rd
Brampton, ON L6T 4E5

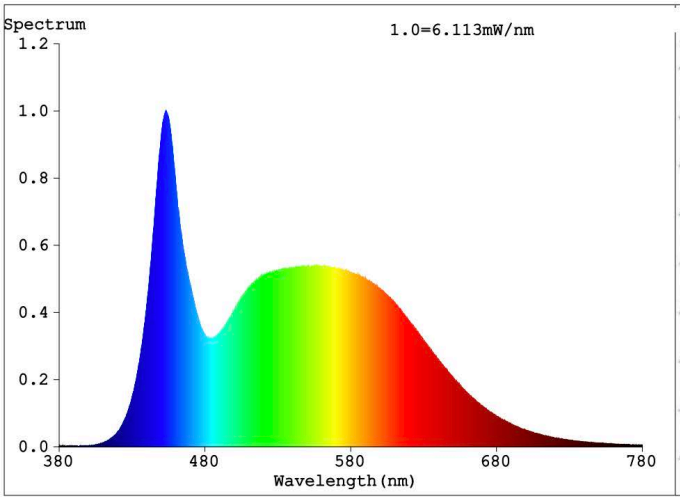
1-888-543-6473
1-888-541-6474

LED Emergency Lights

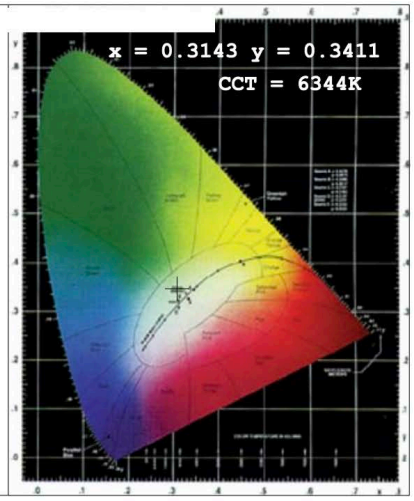
Product Specification Sheet

MODEL OE-216-72W | OE-216-150W

SPECTRA



Spectral Distribution



OE-216-150W Chromaticity Diagram

Colourimetric Parameters

Chromaticity Coordinate: x = 0.3143 y = 0.3411 / u' = 0.1945 v' = 0.4749

CCT= 6344K (Duv=0.0085) Dominant WL: Ld=497.0nm Purity=6.0%

Peak WL: Lp=453.2nm FWHM: =27.2nm Ratio:R=13.2% G=80.9% B=5.9%

Render Index: Ra = 83.1 CRI = 75.7 AvgR = 75.6

R1 =80 R2 =89 R3 =94 R4 =81 R5 =81 R6 =85 R7 =88

R8 =67 R9 =2 R10=74 R11=80 R12=60 R13=83 R14=97 R15=74

OE-216-150W

Photometric & Radiometric Parameters

Flux = 216.0 lm Eff. : 0.00 lm/W Fe = 686.6 mW

Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0

Reference	QTY.	Remarks	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date:

ORTECH reserves the right to modify at any time, without notice, any or all of our product's features, designs, components and specifications to meet market changes.

info@ortechindustries.com
www.ortechindustries.ca

13376 Comber Way
Surrey BC V3W 5V9

205 Summerlea Rd
Brampton, ON L6T 4E5

1-888-543-6473
1-888-541-6474