



# LIGHTING & ELECTRONICS, INC.

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**8620**  
**ORLANDO™**  
**150w**  
**Metal Halide**



	<b>Cat# 8620-1</b>	<b>Cat# 8620-2</b>	<b>Cat# 8620-3</b>
<b>Height</b> (Top to Bottom)	7"	7"	7"
<b>Width</b> (Side to Side)	10-3/4"	21-1/4"	31-3/4"
<b>Depth</b> (Front to Back)	8"	8"	8"
<b>Weight</b>	13 lbs	25 lbs	38 lbs
<b>Color Frame Size</b>	8-1/4" x 8-1/4" (for all Catalog Numbers)		

*City Line™* **Series**



## PHOTOMETRICS:

<b>SPREAD</b>		
<b>Horizontal</b>	<b>Angle</b>	<b>mf</b>
Beam (50% CBCP)	75°	1.54
Field (10% CBCP)	95°	2.18
<b>Vertical</b>		
Field (Cut-off)	90°	2.00

the **ORLANDO**  
**150w Wall Wash**  
**Metal Halide**

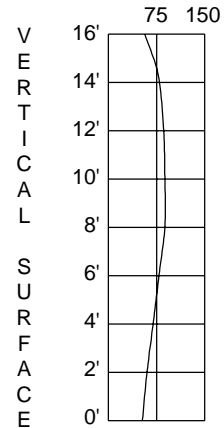
Center Beam Candlepower (CBCP) varies throughout the field of this luminaire due to the use of an asymmetric reflector. Therefore, CBCP is not listed.

Distance from yoke to surface of unit: 2-3/4"

To find any beam or field width at any distance: throw distance x mf = width



footcandles with CDM 150/T6 lamp



1 unit above, 4' from cyc

## INTENSITY

Lamp	°K	Hrs	Lumens	CRI	Burn Position	Color
150w CDM150/T6	3000	10,000	14,000	85	Any	-
UHI-150DW	3000	10,000	12,000	80	Any	Warm White
UHI-150DL	3500	10,000	12,000	80	Any	Brilliant White
UHI-150DM	4200	10,000	12,000	80	Any	Neutral White
UHI-150DD	5200	10,000	12,000	80	Any	Daylight
<b>Wavelength</b>		<b>Saturation</b>				
UHI-150BL	465nm	10,000	55%	-	Any	Blue
UHI-150GR	535nm	10,000	51%	-	Any	Green
UHI-150MG	-500nm	10,000	24%	-	Any	Magenta
UHI-150OR	595nm	10,000	63%	-	Any	Orange

## SPECIFICATION:

The luminaire shall be a UL/C-UL Listed 150 watt max metal halide wall wash/cyclight with two 4kV pulse rated RSC sockets to accept double ended metal halide lamps. The reflector shall be a specially patterned reflector designed to give a radially symmetrical pattern of light. The unit shall be supplied with a clear borosilicate safety lens and it shall be removable from the front without the use of tools to allow for easy relamping. Relamping shall be accomplished without disturbing the prefocused lamp setting. The housing shall be constructed of lightweight extruded and sheet aluminum and shall be suitable for use in dry and damp locations. Pop rivets shall not be used in the construction of the fixture. The unit shall be equipped with a color frame, and the color frame slot shall also accept optional stripped glass color filters.

The ballast shall be electronic and UL/C-UL listed. The power factor shall exceed 99% with a total harmonic distortion of less than 10%. The ballast shall comply with FCC Regulation 18c for non-consumer electronics. Lamp current crest factor shall be less than 1.2 with an output frequency of less than 175hz. The ballast shall have an "A" sound rating with a lamp ignition pulse of less than 4kV. The ballast shall be contained within the lamp housing.

The luminaire shall be supplied with a rigid strap yoke. Optional mounting clamps, trunnions and canopies with mounting hardware shall be available. A six foot power cord rated for hard usage with an integral plug (NEMA 5-15) is standard, and the unit shall also be available with armored cable or three foot leads encased in a fiberglass sleeve. All painted surfaces shall be baked enamel. The fixture shall be also be available as a two and three cell unit with a common or independent power cord(s).