

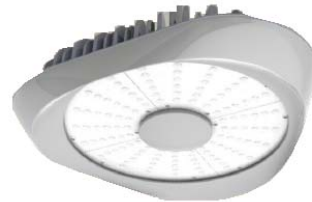
# LIGHTING & ELECTRONICS, INC.

Designers and Manufacturers of Theatre, Concert, TV, and Video/Film Lighting

## The next generation of work lights & a house light too!

Imagine 50,000 hours (5.7 years) of continuous operation without replacing lamps and with reduced heat and energy costs. The Worklite™ is now available as 150-watt solid-state luminaire. The fixture, while exhibiting a new design style, still maintains a small profile allowing it to be mounted to battens on stage, thereby throwing **all** of the light on to the work area. These units can be equipped with multi-mounting options for a variety of applications and can be operated in any position. The LED Worklite/Houselite is practical, economical and efficient to operate. The light produced by this fixture is brighter than a 150w CDM lamp and a 600w quartz lamp. Whether you need a simple on/off, a 0-10 volt system or want to integrate this fixture into a theatre controlled by DMX 512, there is a model to fit your application.

LED  
WORKLITE™/HOUSELITE™



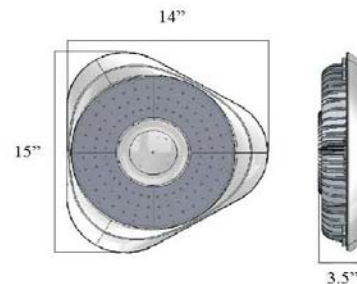
This “work light” house. It is perfect Whether your venue classroom, a new or production special needs both



moves off stage and to the front of the for house light applications as well. is a high school auditorium doubling as a renovating theater or a church with capabilities, this single fixture meets the on and off the stage.

This professional unique. Its small profile allows for versatility in mounting and makes it easy to install. Then, it produces more light than conventional light fixtures while remaining cool and friendly to HVAC costs. Maintenance costs will instantly come under control since lamps and the cost of labor to replace them become a thing of the past.

grade solid-state light fixture is truly



Market Street Industrial Park Wappingers Falls, NY 12590 - 845-297-1244 - [www.le-us.com](http://www.le-us.com)

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## Specifications:

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<b>MODEL:</b> PART NUMBER:	<b>DMX 512</b> WKL/HSLT-LED-DMX512	<b>0 – 10 VOLT</b> WKL/HSLT-LED-DIM	<b>ON/OFF</b> WKL-HSLT-LED-NON
<b>Power Consumption</b>	150W	150W	150W
<b>Light Source</b>	1.25W x 120 LED	1.25W x 120 LED	1.25W x 120 LED
<b>Total Lumen</b>	12000 Lm	12000 Lm	12000 Lm
<b>Input Current</b>	2 A - 0.68 A	1.4 A - 0.6 A	1.4 A - 0.6 A
<b>Input Voltage</b>	AC 120 – 277V	AC 120 – 277V	AC 120 – 277V
<b>Power Pass-Thru</b>	Yes	No	No
<b>Efficacy</b>	93 Lm/W	93 Lm/W	93 Lm/W
<b>Color Temperature</b>	3200K – 3500K	3200K – 3500K	3200K – 3500K
<b>CRI</b>	72	72	72
<b>Lens Angle</b>			
• Beam Angle	60 Degree	60 Degree	60 Degree
• Field Angle	104 Degree	104 Degree	104 Degree
<b>Body Materials</b>	High Strength Aluminum Alloy	High Strength Aluminum Alloy	High Strength Aluminum Alloy
<b>Cover Materials</b>	Tempered Glass	Tempered Glass	Tempered Glass
<b>Driver Housing</b>	Powder Coated Steel	Powder Coated Steel	Powder Coated Steel
<b>Color</b>	Black, White, Match	Black, White, Match	Black, White, Match
<b>Dimmable</b>	<b>DMX 512</b>	<b>0 – 10 VOLT</b>	<b>NON-DIM</b>
<b>DMX Channels</b>	<b>3</b>	<b>N/A</b>	<b>N/A</b>
<b>DMX Connectors</b>	<b>5 Pin XLR (M+F)</b>	<b>N/A</b>	<b>N/A</b>
<b>Mounting</b>	Clamp, Pendant, Wire, Flush/Recess (Retrofit)	Clamp, Pendant, Wire, Flush/Recess (Retrofit)	Clamp, Pendant, Wire, Flush/Recess (Retrofit)
<b>IP Rating</b>	IP 65	IP 65	IP 65
<b>Head Dimensions</b>	15”L x 14”H x 3-1/2”D	15”L x 14”H x 3-1/2”D	15”L x 14”H x 3-1/2”D
<b>Housing Dimensions</b>	11”L x 3-3/4”H x 3-1/2”D	11”L x 3-1/4”H x 2”D	11”L x 3-1/4”H x 2”D
<b>Operating Temperatures</b>	-40 F – 122 F	-40 F – 122 F	-40 F – 122 F
<b>Estimated Hours of Life</b>	>50000	>50000	>50000
<b>Lumen Maintenance Testing</b>	LM 80	LM 80	LM 80
<b>Weight (Complete)</b>	15 lbs	15 lbs	15 lbs
<b>Approvals</b>	UL Listed	UL Listed	UL Listed
<b>Warranty</b>			
• LEDs	2 Years	2 Years	2 Years
• Power Supply	3 Years	3 Years	3 Years
• Driver	1 Year	5 Year	5 Year
<b>IES Files</b>	Yes	Yes	Yes

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## LIGHT OUTPUT COMPARISONS (fc)

DISTANCE	WORKLITE CDM150	WORKLITE QTZ.575	WORKLITE/HOUSELITE LED150
10'	75	104	120
15'	33	46	53
20'	19	26	30
25'	12	17	20
30'	8	12	14

## BEAM SPREAD COMPARISONS (Beam Diameter/Field Diameter)

DISTANCE	WORKLITE CDM150	WORKLITE QTZ.575	WORKLITE/HOUSELITE LED150
10'	12' / 27'	12' / 27'	11' / 24'
15'	18' / 41'	18' / 41'	15' / 38'
20'	24' / 54'	24' / 54'	20' / 47'
25'	30' / 68'	30' / 68'	29' / 60'
30'	36' / 81'	36' / 81'	35' / 71'

## ANNUAL ENERGY COSTS

ENERGY RATE	MH 400	CDM 150	QUARTZ 575	WORKLITE/HOUSELITE LED150
\$.10 PER KWH	\$175.20	\$65.70	\$251.85	\$65.70
\$.15 PER KWH	\$262.80	\$98.55	\$377.78	\$98.55

\*\* Estimated costs based upon operation of 12 hrs/day

## COST OF OWNERSHIP

COST VARIABLES	WORKLITE CDM150	WORKLITE QTZ.575	WORKLITE/HOUSELITE LED150
LIST PRICE	\$509	\$277	\$2,100
LAMP REPLACEMENT	\$340	\$500	\$0
LABOR/SERVICE	\$600	\$1,500	\$0
BALLAST REPLACEMENT	\$225	\$0	\$0
PARTS-OTHER	\$100	\$150	\$0
ENERGY CONSUMED	\$723	\$2,770	\$723
TOTAL OVER 5.5 YRS.	\$2,497	\$5,197	\$2,823
AVERAGE ANNUAL \$	\$454	\$945	\$513

\*\*Estimated costs based upon operation of 24 hrs/day x 5.5 years x \$0.10 per KWH.