

HANDILITER DELUXE LED CANOPY LUMINAIRE

Earn LEED Energy Credits - Up to 18 Year Maintenance Cycle



- FEATURES**
- Die-cast aluminum housing
 - Stainless steel hardware
 - 60,000 hour system life
 - Three optical distributions
 - Use up to 80% less energy
 - Luxeon rebel LED's
 - 400K – 70CRI color
 - Glare reducing Prismatic lens
 - Field replaceable components
 - Five year limited warranty

- BENEFITS**
- Durable construction
 - Long life components
 - 16-18 year maintenance cycle
 - Maximum efficiency
 - Lowest owning cost
 - World class components
 - Cool white maximizes visibility
 - Safer driving conditions
 - Easy maintenance
 - Tested design

- APPLICATIONS**
- Parking Garages
 - Maintenance areas
 - Tunnels
 - Walkways
 - Hose-down areas
 - Shower rooms
 - Stairwells
 - Dirty environments
 - Cold storage
 - Classrooms

Specifications/Features

- GENERAL**
- Premium constructed luminaire
 - Lowest energy cost
 - Replaces up to 250 Metal Halide
 - No maintenance for up to 18 years
 - Manufactured in USA

- CONSTRUCTION**
- Die cast aluminum
 - Stainless steel hardware
 - Polyester powder paint
 - Heat sunk LED boards
 - Captive closed cell gaskets
 - LED obscuring prismatic lens
 - Quick disconnect mounting components
 - Hinged and gasketed lens
 - Quick connect mounting plate

- LISTINGS/ELECTRICAL/OPTICS**
- Wet location listed for US and Canada
 - Electronic LED drivers
 - -40°F starting
 - Thermally protected LED circuit boards
 - Patent pending optics
 - Narrow and wide symmetric distributions

Handiliter Optical Advantage

The patent pending optics limits stray light and provides almost perfect uniformity within the task area. A conventional garage light provides 5-8 footcandles below the fixture and 1 in-between. Guth's prismatic optics minimizes hazardous LED glare.

LM80 test data for Guth's Luxeon Rebel LEDs shows performance that exceeds Energy Star guidelines intended to ensure quality solid state development. The LEDs have lumen maintenance of 98.9% after 6,000 hours while operated at 350ma with an 85°C junction temperature.

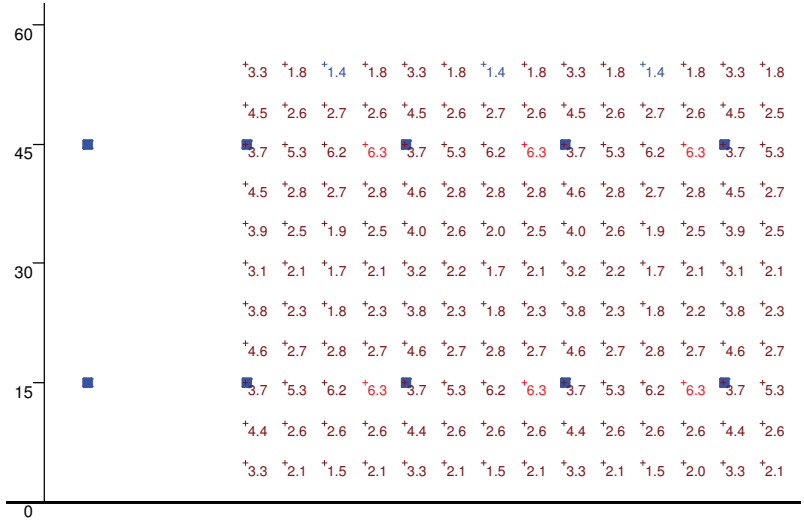


Available - Aug/Sept 2009

Photometrics

HLDX 16B-SW-28L - 350 ma operation
 20' x 30' spacing
 8 foot mounting height
 FC on floor
 0,0,0 Reflectances

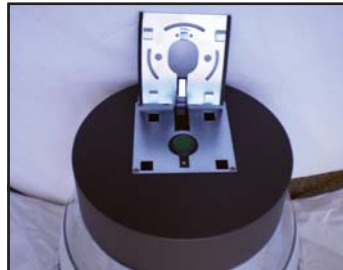
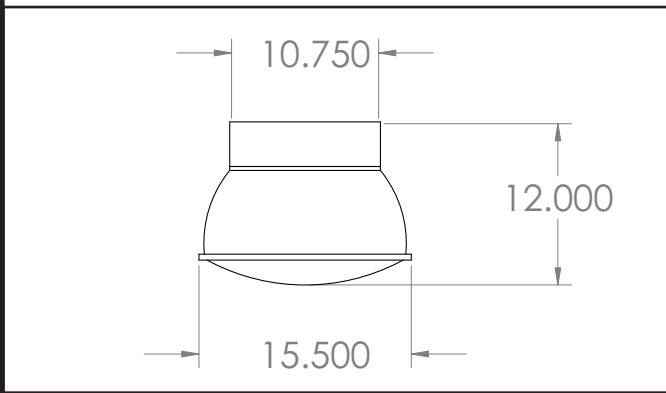
LED Power	350 ma	500 ma
Avg.	3.2	3.7
Max	6.3	7.2
Min	1.4	1.6
Max/Min	4.5 to 1	4.5 to 1
Avg/Min	2.3 to 1	2.3 to 1



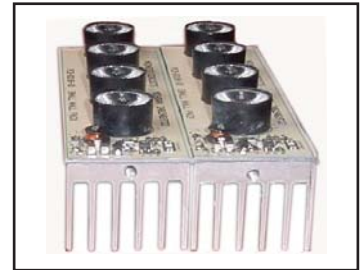
TEN YEAR OPERATING COST COMPARISON

Fixture	Hours/year	Lamp life	Relamp Cost	Watts	Cost/yr at .10 KWH	Power Cost	Total Cost
HLDX - 28L	4380	60,000	0	48	\$21.02	\$21.02	\$210
175 MH Wallpack	4380	12,000	\$150	210	\$92	\$920	\$1070

Dimensions



Quick Install Hanger



Heat Sink keeps junction temperature below 90°C

HANDILITER DX LED Catalogue Numbers

HLDX	16	B	SW	28L	2
HLDX					Voltage 1 - 120V 2 - 277V
Size 16 - 16"					21L - 21 LED's 24L - 24 LED's 28L - 28 LED's
Finish B - Dark bronze					
Optics SW - Sym Wide (28L) SN - Sym Narrow (24L) A - Asy Type 3 (21L)					

Options

- " LHPT" - Loop Hanger w 3' pigtail
- "WLP" - 6'cord, wet location plug and receptacle
- "DIM" - 0-10V dimming ballast (consult factory)
- "500ma" - 500ma operation

Note: Use Guth GPCF inverter for emergency lighting

Project Name:

Type	Catalogue Number	Comments

Guth utilizes the services of U.L. and ETL for listing products
 Specifications and data are subject to change without notice.

Guth Lighting is a Philips group brand - 06/09