



CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

**DESCRIPTION**



**HOALED Series**

The HOA series high output array LED high bays are ideal for manufacturing, warehousing, commercial and industrial facility lighting applications. The superior design makes it a sturdy, user friendly and easy to install high bay.



**FEATURES & SPECIFICATIONS**

**Intended Use**

Applications include large indoor spaces with mounting heights ranging from 10' - 75'. Luminaire shall be suspended a minimum 18" from ceiling. Surface mounting is not permitted.

**Construction**

The body is constructed of 24 gauge, made in USA commercial grade steel with hot dip galvanized finish (6.5µm on both sides). Finish: Paint after fabrication (PAF) of galvanized body adds high resistance to rust over its lifetime.

**Optics**

Patented design delivers excellent distribution for warehouse applications. Semi-diffused lens optional to provide glare control and LED protection.

**Electrical**

70% lumen maintenance at >60,000 hours; predicted life of more than 100,000 hours. Long-life LEDs PCB mounted, coupled with high-efficiency drivers, provide extended service life. The HOALED 4' delivers up to 137 lumens per watt and LED Lumen maintenance of L80/60,000 hours. Driver disconnect is provided where required to comply with U.S. and Canadian codes. Thermally protected driver standard.

**Dimming**

LED drivers deliver dimming from a 0-10V control signal. Dims to 10% standard. Wireless networking: EnOcean, Zigbee or Encelium wireless technologies create a network to ensure communication between fixtures, sensors and wall stations

facility-wide. This option provides superior lighting management capabilities including granular control, configuration and custom grouping for increased energy savings. Consult factory for dim to off, auxiliary power 12/20/24Vdc and 0-10V step dimming to programmable levels.

**Installation**

Suitable for suspension by chain, cable, surface-mounting bracket, V-hook or single (pendant) point. Surface mounting not recommended without optional surface mounting bracket. To maintain ambient listing, fixture should be mounted at a minimum plenum height of 18".

**Listing**

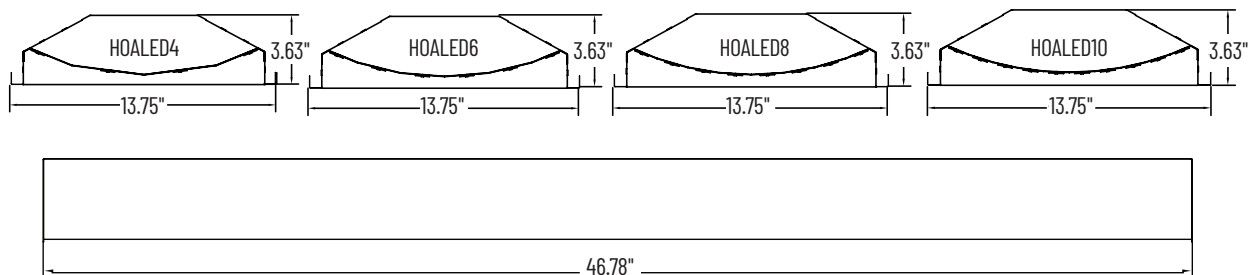
UL listed to US and Canadian safety standards. Damp location listed. Fixtures are Assembled in America. For use in ambient operating temperatures ranging from -40°C to 45°C. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**Warranty**

Guaranteed for five years from the purchase date of the product, against mechanical defects in manufacturing.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

**LINE DRAWING**



APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



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**ORDERING INFORMATION**

Example: HOALED43-125D1L835

SERIES	SIZE	LUMENS	VOLTAGE	# OF DRIVERS	CRI	COLOR TEMP	OPTIONS	EMERGENCY
HOALED	[4] : 4'	[2-100] : 10000 Lumens	[D] : 120-277VAC [E] : 277-480VAC	[1] : 1 Driver	[L8] : CRI +/- 80	[35] : 3500K [40] : 4000K [50] : 5000K	[BLANK] : No Option [OS] : Occupancy sensor [LFI] : Frosted Lens [LLI] : Polycarb Lens [PD] : Pendant Mount [HT] : Hanging Triangle [W6-3] : Flex Whip-6' 3 Wire* [W6-515] : Cord-6' SJ-515 Plug*	[BLANK] : No Option [EM] : 10% Emergency back-up
		[3-125] : 12500 Lumens		[2] : 2 Drivers				
		[4-150] : 15000 Lumens						
		[4-175] : 17500 Lumen						
		[6-200] : 20000 Lumens						
		[6-225] : 22500 Lumens						
		[6-250] : 25000 Lumens		[3] : 3 Drivers				
		[6-275] : 27500 Lumens		[4] : 4 Drivers				
		[8-300] : 30000 Lumens						
		[8-350] : 35000 Lumens						
		[10-400] : 40000 Lumens		[5] : 5 Drivers				
		[10-450] : 45000 Lumens						

\* Other whip, cord and plug options available, contact factory for details.

**PERFORMANCE SPECIFICATIONS**

SERIES	LUMEN PACKAGE	3000K		3500K		4000K		5000K		MAX WATTAGE
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	
HOALED42-100D1	10000	10040	110.24	10193	111.69	10625	117.60	10690	118.07	91.26
HOALED43-125D1	12500	11513	119.02	11717	121.08	12271	127.74	12123	126.54	96.77
HOALED44-150D2	15000	15657	121.24	15910	122.65	16424	128.27	16445	128.42	129.72
HOALED44-175D2	17356	17434	117.50	17690	119.03	18358	124.93	18526	125.67	148.62
HOALED44-200D2	20000	19113	114.81	19507	116.74	20062	121.72	20022	121.49	167.09
HOALED46-225D2	22500	21852	119.76	22116	120.89	23120	128.06	23000	127.06	182.94
HOALED46-250D3	25000	25035	114.02	25417	115.51	26572	122.09	26428	121.30	220.03
HOALED46-275D3	27500	26773	110.25	27150	111.47	28431	118.18	28342	117.63	243.56
HOALED48-300D4	30000	30046	112.29	31565	116.06	31688	123.63	31826	124.28	271.97
HOALED48-350D4	35000	35392	111.89	36231	114.12	37378	119.02	37334	119.16	317.50
HOALED410-400D5	40000	40535	112.20	40699	112.54	43134	120.26	42547	118.75	361.64
HOALED410-450D5	45000	45315	109.10	45220	108.90	47705	115.92	47116	114.59	415.35

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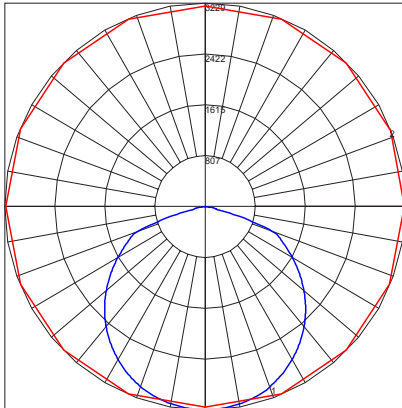


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**PHOTOMETRIC REPORTS**

**Polar Graph**

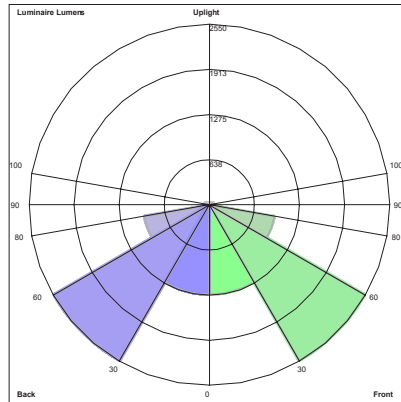
IES ROAD REPORT  
PHOTOMETRIC FILENAME : HOALED42-100D1L830.IES  
POLAR GRAPH



Maximum Candela = 3229 Located At Horizontal Angle = 45, Vertical Angle = 1.5  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1.5) (Through Max. Cd.)

**Luminaire Classification Graph**

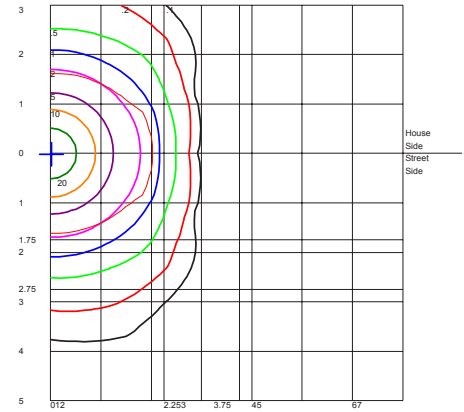
IES ROAD REPORT  
PHOTOMETRIC FILENAME : HOALED42-100D1L830.IES  
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=1271.9, Medium=2550.1, High=941.1, Very High=71.4  
Back: Low=1271.9, Medium=2550.1, High=941.1, Very High=71.4  
Uplight: Low=0.0, High=0.0  
BUG Rating: B3-U1-G1

**Isocandela Plot**

IES ROAD REPORT  
PHOTOMETRIC FILENAME : HOALED42-100D1L830.IES  
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
Values Based On 10 Foot Mounting Height  
1/2 Maximum Candela Trace Shown As Dashed Curve  
(\*) = Maximum Candela Point

**ACCESSORIES (SOLD SEPARATELY)**

**Mechanical / Optical**

<p><b>Gripple Aircraft Cable Hangers (2 Pack)</b></p>	<p>Single point suspension that allows two point to be suspended using one Gripple fastener. Two legs improve center of gravity and increases stability. Ideal for services that require maintenance. Y-Fit Toggle accessory end fixings, in Gripple size No. 2 with 5:1 Safety</p>	
<p><b>Pendant Mount Splice Box</b></p>	<p>Single point hanging box splice box with 3/4" NPT mount with up to 1-1/2" off center balance adjustment.</p> <p><b>Dimensions:</b> 2-3/16" x 4-1/2" x 4-1/2"</p>	

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