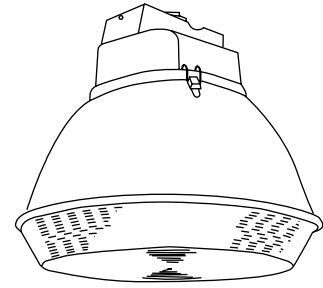


JOB NAME _____

TYPE _____

LLB LOW BAY LUMINAIRE

50-250 watt Metal Halide
50-250 watt High Pressure Sodium
150-250 watt Pulse Start Metal Halide



The LLB Luminaire provides the industry's highest efficiency for general purpose industrial lighting. A geometrically balanced fixture, this small luminaire can be mounted within 6' of the working surface.

ORDERING MATRIX

SAMPLE CATALOG NUMBER: LLB250MMT-Q LRA

LLB				-		-	
BALLAST ASSEMBLY LLB		LAMP SOURCE M - Metal Halide S - High Pressure Sodium P - Pulse Start Metal Halide (Ballast option must also be specified)			OPTIONS (add as suffix) CUL - UL Listing to meet CSA standards HR - Hot Restrike (150W HPS and below) PSC - Pulse Start CWA Ballast PSR - Pulse Start Reactor Ballast (150, 200, 250 watt. 277 volt only.) Q - Quartz Standby QEM - Quartz Emergency ⁴⁰ QTD - Quartz Time Delay WDF - Wired Double Fuse ⁴⁵ WSF - Wired Single Fuse ⁴⁶ 55 - 55°C Ambient ⁶¹ NFZ - Non Food Zone HL - HI/LO ballast ⁵⁶		OPTICAL ASSEMBLY LRA - Acrylic Lens LRP - Polycarbonate Lens
	WATTAGE 050 - 050 MED ³ 070 - 070 MED 100 - 100 MED 150M - 150M MED 150S - 150S MOG 175 - 175 MOG ⁴ 200 - 200 MOG ³¹ 250 - 250 MOG		VOLTAGE 12 - 120 20 - 208 24 - 240 27 - 277 34 - 347 48 - 480 ³² DT - 120/277 MT - 120/208 240/277 1N - 120V NPF (HPS only)				OPTICAL OPTIONS CFWL - Charcoal Filter Wet Location

ACCESSORIES (ORDER SEPARATELY)

- CH - Cover Half for Power Hook (use with PB)
 - PB - Power Box for Power Hook (use with CH)
 - HMR - Suspension Hook Male
 - LMR - Suspension Loop Male
 - HP12 - Hook-Cord-Plug Assembly 120V
 - HP25 - Hook-Cord-Plug Assembly 208-240V
 - HP27 - Hook-Cord-Plug Assembly 277V
 - HP48 - Hook-Cord-Plug Assembly 480V
 - SCB3 - Ballast Retainer Chain 3'
 - WGLRA - Wire Guard
- (Refer to Section 18000 for additional accessories.)

Footnotes:

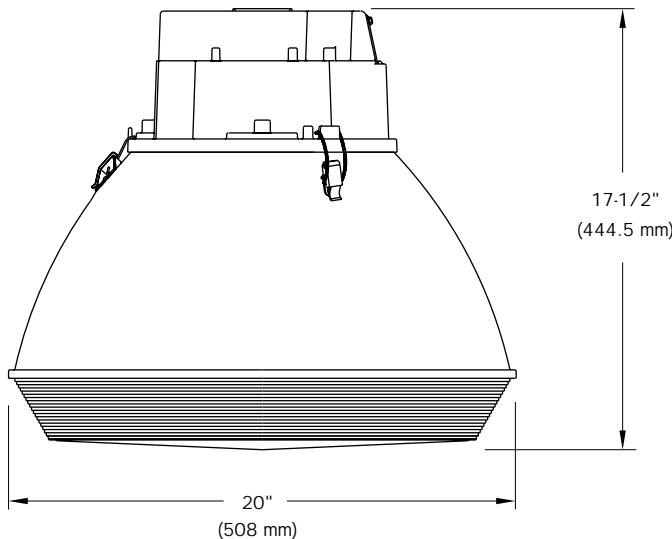
- ⁴Not available in High Pressure Sodium.
- ⁵DT only.
- ³¹Not available in standard Metal Halide.
- ³²Not available in 70 watt Metal Halide.
- ³⁵Available in 150-400W High Pressure Sodium.
- ⁴⁰requires a 120 volt secondary power supply.
- ⁴⁵Use with 208, 240 and 480 volt.
- ⁴⁶Use with 120, 277 and 347 volt.
- ⁵⁶Must specify voltage.
- ⁶¹Available in 70 watt and below.

General Notes:

All accessories are field installed.
All options factory installed.

Warning: Refer to and follow the lamp manufacturer's warnings and instructions.

DIMENSIONS



ENERGY DATA

HIGH PRESSURE SODIUM

HX BALLAST INPUT WATTS
50 watt-66 watts
70 watt-91 watts
100 watt-130 watts
150 watt-188 watts

CWA BALLAST INPUT WATTS

200 watt-240 watts
250 watt-295 watts

METAL HALIDE

HX BALLAST INPUT WATTS
50 watt-72 watts
70 watt-90 watts
100 watt-129 watts
150 watt-185 watts

CWA BALLAST INPUT WATTS

150 watt-189 watts
175 watt-210 watts
200 watt-232 watts
250 watt-295 watts

LLB 250W MH LRA

WIDE SPREAD S/MH = 1.9

TEST NO. 17440

DISTRIBUTION CURVE	COEFFICIENTS OF UTILIZATION	AVERAGE BRIGHTNESS				ZONAL SUMMARY				CANDLEPOWER						
		ZONE	END	45	CROSS	Degrees	Lumens	% Lamp	%Fixture	Angle	Avg. Candela	Angle	Avg. Candela			
	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)				45	22609	21298	21272	(0-30)	2595	11.8	15.5	0	3078	95	349
	CEIL 80 70 50 30 10				55	26412	23853	24275	(0-40)	4762	21.6	28.4	5	3107	105	370
	WALL 70 50 30 10 70 50 30 10 50 30 10 50 30 10				65	18472	16718	17830	(0-60)	11444	52.0	68.2	15	2915	115	191
	RCR				75	13408	11456	12596	(0-90)	15591	70.9	92.9	25	3174	125	140
	0 90 90 90 90 87 87 87 87 82 82 82 77 77 77 73 73 73				85	9838	7815	9642	(90-180)	1193	5.4	7.1	35	3392	135	119
	1 81 76 73 69 78 74 71 68 70 67 65 66 64 62 62 61 59				COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$4.07 BASED ON 3000 HRS. AND \$.08 PER KWH. LER=59				45 4112 145 3							
	2 72 65 60 55 70 63 58 54 60 55 52 56 53 50 53 50 48								55 4025 155 0							
	3 65 56 49 44 63 55 48 43 52 46 42 49 44 40 46 42 39				65 2294 165 1											
	4 59 49 42 36 57 48 41 36 45 39 34 42 37 33 40 36 32				75 1169 175 3											
	5 54 43 36 30 52 42 35 30 39 33 29 37 32 28 35 31 27				85 495											
	6 49 38 31 25 47 37 30 25 35 29 24 33 28 24 31 27 23				These photometric results were obtained in the Day-Brite Lighting Laboratory which is NVLAP accredited by the National Institute of Standards and Technology.											
7 45 34 27 22 43 33 26 22 31 25 21 30 24 20 28 24 20																
8 42 31 24 19 40 30 23 19 28 22 18 27 22 18 26 21 17																
9 39 28 21 17 37 27 21 16 26 20 16 25 19 16 23 19 15																
10 36 25 19 15 35 25 19 15 24 18 14 23 17 14 22 17 14																

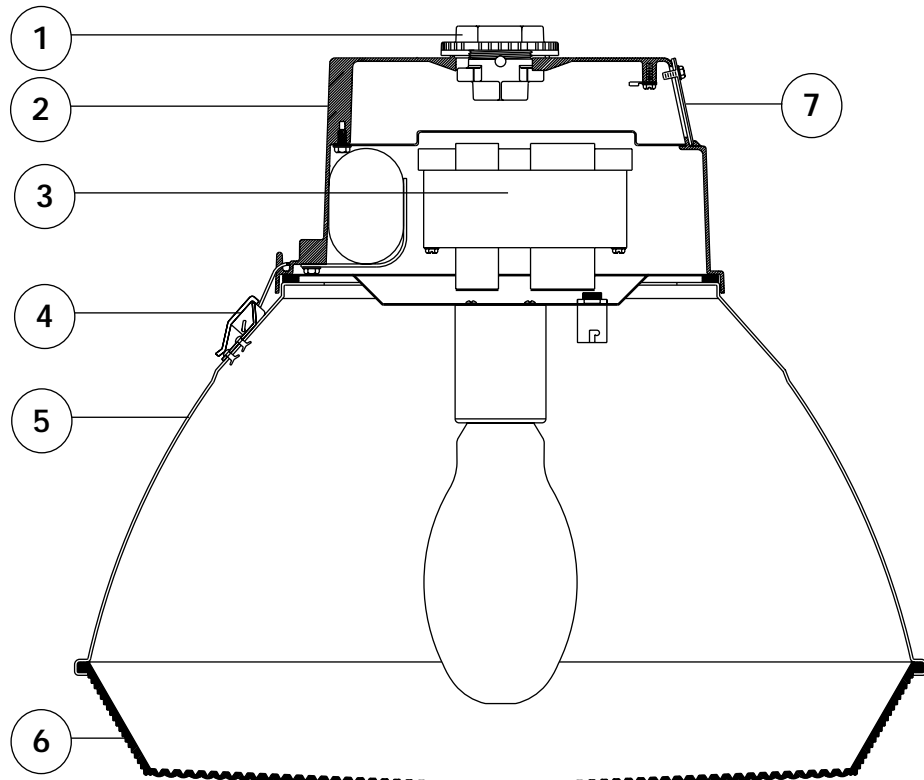
ADDITIONAL TEST NUMBERS

DESCRIPTION	S/MH	TEST NUMBER
LLB175M-LRA	1.9	17440-1P
LLB250S-LRA	1.5	17441
LLB150S-LRA	1.8	17442
LLB100S-LRA	1.8	17442-1P

PRODUCT FEATURES

UL 1598 Listed suitable for wet location and 40°C ambient for all lamp wattages listed.

- 3/4" threaded cast aluminum nut and hub for easy, positive mounting.
- Heavy wall, one piece die cast aluminum housing with white polyester powder finish.
- Ballast has high temperature class H insulation and a minimum starting temperature of -40°C (-40°F) for HPS and Pulse Start MH or -30°C (-20°F) for MH.
- Corrosion resistant stainless steel latches.
- Precision spun heavy gauge aluminum reflector coated inside and out with highly reflective (90-92%) white polyester powder finish.
- One piece injection molded lens; 3/16" minimum thickness of 100% virgin acrylic for excellent brightness control and high efficiency. UL Listed for Metal Halide arc tube containment.
- Large wiring access with captive retainer screw.



Visit our web site at www.daybritelighting.com

776 South Green Street Tupelo, MS 38804 Phone: 662-842-7212 Fax: 662-841-5501

LB-11080

189 Bullock Drive Markham, Ontario Canada L3P 1W4 Phone: 905-294-9570 Fax: 905-294-8911
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