

Roscommon County Road Commission

Fred Chidester, Commissioner
Justin Wykoff, Commissioner
Jim Porath, Commissioner
Brian Vaughn, Commissioner
John Earley, Commissioner

**820 E. West Branch Road
Prudenville, MI 48651**

Tim O'Rourke, Manager
Phone: (989) 366-0333
Fax: (989) 366-0299
Website: www.roscommoncrc.com
E-mail: rcrc@roscommoncrc.com

NOTICE TO BIDDERS

The Roscommon County Road Commission will be accepting sealed bids until 3:00 p.m. on Thursday, July 9th, 2020. Bids will be opened at 7:00 p.m. at the Roscommon County Road Commission regular meeting July 9th, 2020. Our office is located at 820 E. West Branch Road, Prudenville, MI 48651.

MDOT SALT SHED LED LIGHTING UPGRADE

Specifications may be obtained by contacting the Roscommon County Road Commission at the above address or by calling (989)-366-0333.

Submit sealed bids by mail that is clearly marked with the words "**MDOT SALT SHED LED LIGHTING UPGRADES**".

The Roscommon County Road Commission reserves the right to reject any or all bids, to waive irregularities in any bid, to waive details in the specifications, and to accept the bid deemed to be in the best interest of Roscommon County.

**ROSCOMMON COUNTY BOARD
OF ROAD COMMISSIONERS**

Jim Porath, Chair
Fred Chidester, Vice-Chair
Brian Vaughn, Member
John Earley, Member
Justin Wykoff, Member

Roscommon County Road Commission
Bid Specifications and Bid Sheet
For
MDOT SALT SHED LED LIGHTING UPGRADES

General

The Roscommon County Road Commission is seeking sealed bids for MDOT Salt Shed LED lighting upgrades @ multiple salt sheds in multiple counties (Roscommon, Antrim, Emmet, Missaukee and Otsego) a total of 10 different locations.

Required Light

Sylvania #61123 – UFOHIBA/1A/100UNVD8500/WH (spec. sheet attached)

Requirements

- A. All contractors must be licensed and insured.
- B. Contractor shall be responsible for disposal of old lights.
- C. The contractor shall bill each of the 5 Road Commission separate.
- D. The contractor shall be required to obtain all necessary permits.
- E. The contractor must contact each County Road Commission contact to make arrangements to access salt shed sites.
- F. Completion date September 15th, 2020.

Total Bid \$ _____

Name: _____

Address: _____

Telephone: (____) _____ Date: _____

Fax :(____) _____ Email: _____

Authorized Signature: _____

Antrim County Road Commission -- Contact / Pete Stumm Ph. # 231-564-1375

Mancelona Salt Barn
319 East Lincoln
Mancelona, MI 49659

Central Lake Salt Barn
1762 S. Main Street
Central Lake, MI 49622

Total \$ _____

Kewadin Salt Barn
13796 Winters Road
Kewadin, MI 49648

Emmett County Road Commission -- Contact / John Gray Ph. # 231-330-0397

Harbor Springs Salt Barn
2265 E. Hathaway Road
Harbor Springs, MI 49740

Levering Salt Barn
6227 East Levering Road
Levering, MI 49755

Total \$ _____

Otsego County Road Commission -- Contact / Tim Johnson Ph. # 989-390-1092

Gaylord Salt Barn
669 W. McCoy Road
Gaylord, MI 49735

Total \$ _____

Missaukee County Road Commission -- Contact / Kelly Bekken Ph. # 231-839-4361

Lake City Salt Barn
1199 N. Morey Road
Lake City, MI 49651

Total \$ _____

Roscommon County Road Commission -- Contact / Scott Eckstorm Ph. # 989-366-0333 ext. #20

Prudenville Salt Barn
820 E. West Branch Road
Prudenville, MI 48651

Houghton Lake Salt Barn
1772 S. Loxley Road
Houghton Lake, MI 48629

Total \$ _____

Roscommon Salt Barn
601 S. Main Street
Roscommon, MI 48653

SYLVANIA Luminaires

ValueLED™ UFO High Bay

Application

An environmentally preferable alternative to traditional luminaires and offering up to 78% energy savings, the ValueLED UFO High Bay is ideal for illuminating warehouses, gymnasiums, and other industrial applications.

Benefits and Features

- Lightweight, impact resistant fixture is designed for easy and safe installation
- Multiple mounting options for a variety of applications – pendant, hook, surface mount
- Variety of optics – polycarbonate refractor and aluminum reflector available
- IP65 rated aluminum body (finish is white)
- Mounting hook and mounting bracket included
- Tempered glass lens
- Up to 135 LPW
- 3500K, 4000K and 5000K color temperatures
- CRI >80
- Offered in 100, 150, 200, and 240 watts

Electrical

- Designed to operate through 120-277V (UNV) or 347-480 (HUV) Vac voltage
- Power Factor >90%
- THD <20%
- 0-10V dimming
- Constant current LED driver with 4kV surge suppression

Rated Life

- ≥150,000 hours (L₇₀) @25°C

Warranty

- 5-year

Ambient Operating Range

- -40°F to +122°F (-40°C to +50°C) (100, 150 and 200W versions)
- -40°F to +113°F (-40°C to +45°C) (240W versions)

Certifications and Listings

- cULus
- RoHS
- FCC
- DLC Premium



LEDLUM060R4 2-20

Item #	61123 - UFOHIBA/1A/100UNVD850/WH
Type	LED Lighting
Project	MDOT Salt Barns, Rob Hall
Notes	Kendall contacts: Sean Kennedy, Tammy Allen 231-775-1384
Date	4/23/2020



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
250W MH	290	100	66%
250W HPS	295	100	66%
320W MH	370	150	59%
400W HPS	460	150	67%
400W MH	450	150	67%
750W MH	820	200	76%
750W HPS	840	200	76%
1000W MH	1080	240	78%
1000W HPS	1100	240	78%

Installation

- Luminaire mounting options include hanging via hook or surface mounted with included mounting bracket.
- Aluminum reflector, polycarbonate refractor, and polycarbonate bottoms lens also available.
- Includes 6' power cable and 3' dimming cable.

Ordering Guide

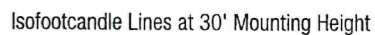
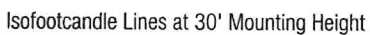
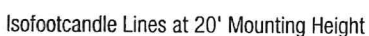
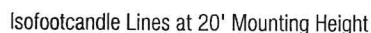
UFOHIBA	1A	/	XXX	XXX	D	8	XX	/	WH
Product Name	Generation		Wattage	Voltage	Dimming	CRI	Color Temp (CCT)		Color/Finish
UFOHIBA =	1A		100 = 100 Watts	UNV = 120-277V	D = 0-10V	8 = >80	35 = 3500K		WH = White
UFO High Bay			150 = 150 Watts	HUV = 347-480V			40 = 4000K		
			200 = 200 Watts				50 = 5000K		
			240 = 240 Watts						

Ordering Information

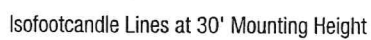
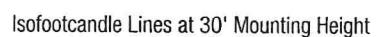
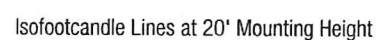
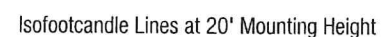
Item Number	Ordering Abbreviation	Wattage	Input Voltage	Dimming	CRI	Color Temp	Total Fixture Lumens (with Refractor Accessory)	LPW	Total Fixture Lumens (with Reflector Accessory)	LPW	DLC	MTO*
61121	UFOHIBA1A/100UNVD835/WH	100	120-277	0-10	>80	3500K	13,800	133	13,100	126	Prm	MTO
61122	UFOHIBA1A/100UNVD840/WH	100	120-277	0-10	>80	4000K	13,800	133	13,100	126	Prm	
61123	UFOHIBA1A/100UNVD850/WH	100	120-277	0-10	>80	5000K	13,800	133	13,100	126	Prm	
61124	UFOHIBA1A/150UNVD835/WH	150	120-277	0-10	>80	3500K	20,300	135	19,200	127	Prm	MTO
61125	UFOHIBA1A/150UNVD840/WH	150	120-277	0-10	>80	4000K	20,300	135	19,200	127	Prm	
61126	UFOHIBA1A/150UNVD850/WH	150	120-277	0-10	>80	5000K	20,300	135	19,200	127	Prm	
61127	UFOHIBA1A/200UNVD835/WH	200	120-277	0-10	>80	3500K	26,000	130	26,000	127	Prm	MTO
61128	UFOHIBA1A/200UNVD840/WH	200	120-277	0-10	>80	4000K	26,000	130	26,000	127	Prm	
61129	UFOHIBA1A/200UNVD850/WH	200	120-277	0-10	>80	5000K	26,000	130	26,000	127	Prm	
61130	UFOHIBA1A/240UNVD835/WH	240	120-277	0-10	>80	3500K	31,300	132	30,300	127	Prm	MTO
61131	UFOHIBA1A/240UNVD840/WH	240	120-277	0-10	>80	4000K	31,300	132	30,300	127	Prm	
61132	UFOHIBA1A/240UNVD850/WH	240	120-277	0-10	>80	5000K	31,300	132	30,300	127	Prm	
61133	UFOHIBA1A/100HUV835/WH	100	347-480	0-10	>80	3500K	13,800	133	13,100	126	Prm	MTO
61134	UFOHIBA1A/100HUV840/WH	100	347-480	0-10	>80	4000K	13,800	133	13,100	126	Prm	
61135	UFOHIBA1A/100HUV850/WH	100	347-480	0-10	>80	5000K	13,800	133	13,100	126	Prm	
61136	UFOHIBA1A/150HUV835/WH	150	347-480	0-10	>80	3500K	20,300	135	19,200	127	Prm	MTO
61137	UFOHIBA1A/150HUV840/WH	150	347-480	0-10	>80	4000K	20,300	135	19,200	127	Prm	
61138	UFOHIBA1A/150HUV850/WH	150	347-480	0-10	>80	5000K	20,300	135	19,200	127	Prm	
61139	UFOHIBA1A/200HUV835/WH	200	347-480	0-10	>80	3500K	26,000	130	26,000	127	Prm	MTO
61140	UFOHIBA1A/200HUV840/WH	200	347-480	0-10	>80	4000K	26,000	130	26,000	127	Prm	
61141	UFOHIBA1A/200HUV850/WH	200	347-480	0-10	>80	5000K	26,000	130	26,000	127	Prm	
61142	UFOHIBA1A/240HUV835/WH	240	347-480	0-10	>80	3500K	31,300	132	30,300	127	Prm	MTO
61143	UFOHIBA1A/240HUV840/WH	240	347-480	0-10	>80	4000K	31,300	132	30,300	127	Prm	
61144	UFOHIBA1A/240HUV850/WH	240	347-480	0-10	>80	5000K	31,300	132	30,300	127	Prm	

*Made To Order

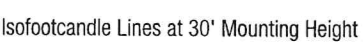
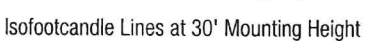
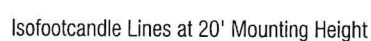
100W



Isofootcandle Lines at 20' Mounting Height

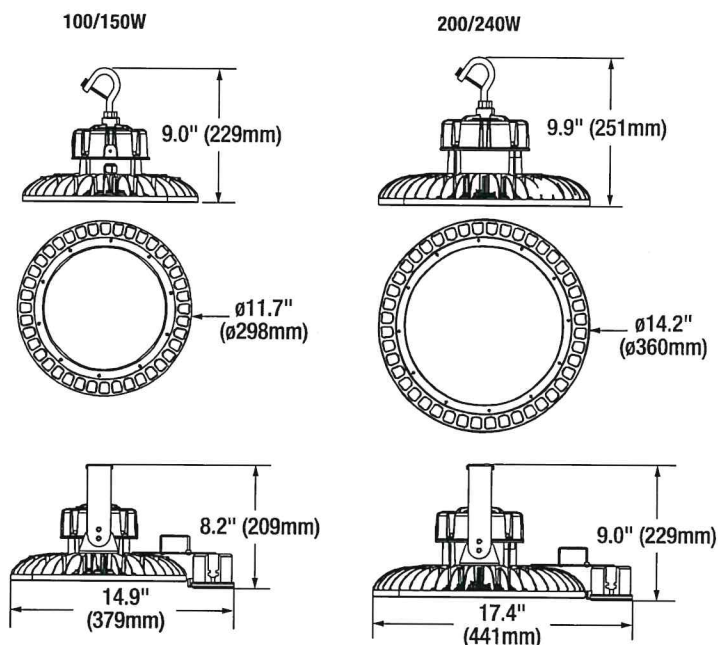


Isofootcandle Lines at 20' Mounting Height



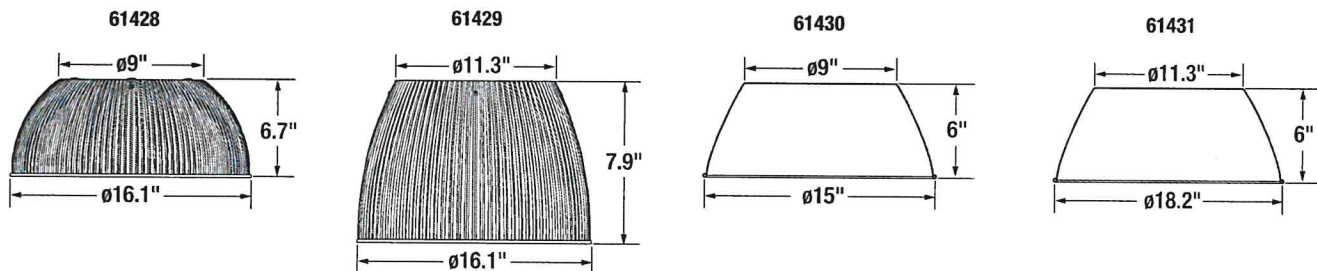
Physical Information

Luminaire Description	Diameter	Height
100W/150W	11.7"	9.0"
200W/240W	14.2"	9.9"



Accessories

Item Number	Ordering Abbreviation	Item Description
61428	UFOHIBA1A/PC1/T5	Polycarbonate refractor for 100 and 150W (type V distribution)
61429	UFOHIBA1A/PC2/T5	Polycarbonate refractor for 200 and 240W (type V distribution)
61430	UFOHIBA1A/AL1/90	Aluminum reflector for 100 and 150W (90° beam angle)
61431	UFOHIBA1A/AL2/90	Aluminum reflector for 200 and 240W (90° beam angle)
61432	UFOHIBA1A/BOTTOMLENS	Polycarbonate bottom lens



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 Wilmington, MA 01887 USA
 Phone 1-800-LIGHTBULB (1-800-544-4828)
www.sylvania.com

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 Specifications subject to change without notice.

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