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Rev.	Date	By	Description

Skilled Nursing Facility
5456-5516 E. Main Street
Mesa, AZ 85205

Velda Rose Methodist Church
5540 E. Main Street
Mesa, AZ 85205

Project
Owner

Drawn/Checked
Author/ Checker

Date
07/12/2024

Project Number
32409

LIGHT FIXTURES CUT SHEETS

E403

Dimensions & Weights

Luminaire Weight by Mounting Type

Mounting Type	1' Dia Luminaire Weight	2' Dia Luminaire Weight
WMA	21.0 lbs	21.0 lbs
WBA	21.0 lbs	21.0 lbs
WMA	21.0 lbs	21.0 lbs
WBA	21.0 lbs	21.0 lbs
WMA	21.0 lbs	21.0 lbs
WBA	21.0 lbs	21.0 lbs
WMA	21.0 lbs	21.0 lbs
WBA	21.0 lbs	21.0 lbs
WMA	21.0 lbs	21.0 lbs
WBA	21.0 lbs	21.0 lbs
WMA	21.0 lbs	21.0 lbs
WBA	21.0 lbs	21.0 lbs

RSX1 with Round Pole Adapter (RPA)

Length: 22.8" (57.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

Note: RPA - Round Pole mount can also be used to mount on square poles by utilizing the round pole adapter plate shown here.

RSX1 with Mast Arm Adapter (MA)

Length: 23.2" (59.1 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

Note: 7/8" locking nut bolt provided.

RSX1 with Adjustable Slipfitter (IS)

Length: 20.3" (51.7 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

Note: 7/8" KD - fits 1/2" NPT water-tight fitting.

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Performance Data

Lumen Output

Values shown from photometric data performed in accordance with IESNA LM-79. Data is consistent to the representation of the configurations shown, within the tolerance allowed by Lighting Facts. Contact factory for performance data on any configuration not shown here.

Luminaire Type	Configuration	10' Spacing				15' Spacing				20' Spacing			
		LMW	LMH	LMV	LMH	LMW	LMH	LMV	LMH	LMW	LMH	LMV	LMH
F1	100	RS1	100	100	100	100	100	100	100	100	100	100	100
		RS2	100	100	100	100	100	100	100	100	100	100	100
		RS3	100	100	100	100	100	100	100	100	100	100	100
		RS4	100	100	100	100	100	100	100	100	100	100	100
		RS5	100	100	100	100	100	100	100	100	100	100	100
	200	RS1	200	200	200	200	200	200	200	200	200	200	200
		RS2	200	200	200	200	200	200	200	200	200	200	200
		RS3	200	200	200	200	200	200	200	200	200	200	200
		RS4	200	200	200	200	200	200	200	200	200	200	200
		RS5	200	200	200	200	200	200	200	200	200	200	200

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Temperature (°F)	Multiplier
65	1.00
70	0.95
75	0.90
80	0.85
85	0.80
90	0.75
95	0.70
100	0.65

Electrical Load

Configuration	Power (W)	Current (A)
RS1	100	0.45
RS2	100	0.45
RS3	100	0.45
RS4	100	0.45
RS5	100	0.45

Projected LED Lumen Maintenance

Hours	LM80	LM90	LM95
0	100	100	100
50,000	90	80	70
100,000	80	70	60
150,000	70	60	50
200,000	60	50	40

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Photometric Diagrams

Technical plans for the RSX1 LED Fixtures are shown in a variety of mounting heights (20').

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Temperature (°F)	Multiplier
65	1.00
70	0.95
75	0.90
80	0.85
85	0.80
90	0.75
95	0.70
100	0.65

Electrical Load

Configuration	Power (W)	Current (A)
RS1	100	0.45
RS2	100	0.45
RS3	100	0.45
RS4	100	0.45
RS5	100	0.45

Projected LED Lumen Maintenance

Hours	LM80	LM90	LM95
0	100	100	100
50,000	90	80	70
100,000	80	70	60
150,000	70	60	50
200,000	60	50	40

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Ordering Information

Accessories

- WMA: Wall Mast Arm Adapter
- WBA: Wall Bracket Adapter
- WMA: Wall Mast Arm Adapter
- WBA: Wall Bracket Adapter
- WMA: Wall Mast Arm Adapter
- WBA: Wall Bracket Adapter
- WMA: Wall Mast Arm Adapter
- WBA: Wall Bracket Adapter
- WMA: Wall Mast Arm Adapter
- WBA: Wall Bracket Adapter
- WMA: Wall Mast Arm Adapter
- WBA: Wall Bracket Adapter
- WMA: Wall Mast Arm Adapter
- WBA: Wall Bracket Adapter
- WMA: Wall Mast Arm Adapter
- WBA: Wall Bracket Adapter

External Shields

- House Side Shield
- External Glare Shield
- External 360 Full View

Pole/Mounting Information

Round Tension Mount - Pole Top Slipfitters

Configuration	Length	Width	Height	Weight
RS1	22.8"	13.3"	3.0"	21.0 lbs
RS2	22.8"	13.3"	3.0"	21.0 lbs
RS3	22.8"	13.3"	3.0"	21.0 lbs
RS4	22.8"	13.3"	3.0"	21.0 lbs
RS5	22.8"	13.3"	3.0"	21.0 lbs

Drill/Slot Location by Configuration Type

RSX1 - Luminaire EPA

Configuration	Length	Width	Height	Weight
RS1	22.8"	13.3"	3.0"	21.0 lbs
RS2	22.8"	13.3"	3.0"	21.0 lbs
RS3	22.8"	13.3"	3.0"	21.0 lbs
RS4	22.8"	13.3"	3.0"	21.0 lbs
RS5	22.8"	13.3"	3.0"	21.0 lbs

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RSX1 LED Area Luminaire

Specifications

EPA (Footcandle): 0.57 fc (0.05 m)
Length: 21.8" (55.4 cm) (SPA mount)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm
Weight (SPA mount): 22.0 lbs (10.0 kg)

Introduction

The RSX1 LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX1 features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. The "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

Series	Package Type	Color Temperature	Distribution	Surface	Mounting
RSX1 LED	P4	40K	R3	Top Glass	SPA
	P2	40K	R3	Top Glass	WMA
	P3	40K	R3	Top Glass	WBA
	P4	40K	R3	Top Glass	WMA
	P5	40K	R3	Top Glass	WBA

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nLight Control - Sensor Coverage and Settings

FEATURES & SPECIFICATIONS

INDOOR USE

CONSTRUCTION

FINISH

CONST. CONSTRUCTION CEC

OPTICS

GOVERNANCE/REGULATIONS

ELECTRICAL

STANDARD CONTROLS

LIGHT AIR CONTROLS

INSTALLATION

WARRANTY

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Dimensions

RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)

Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

Automotive Front Row - Retained Optics (AFR/ROR)

Example 2810 - arrows indicate direction of light emitting the luminaire.

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Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)

Length: 25.3" (64.3 cm) AASP
26.3" (66.8 cm) AARP
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

Wall Bracket (WBA) Mounting Detail

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)

Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.5" (21.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

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Dimensions

RSX1 with Wall Bracket (WBA)

Length: 23.6" (59.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

RSX1 with Wall Bracket with Surface Conduit Box (WBASC)

Length: 25.3" (64.3 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

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