

# LUMENTURE®

## RM35 RECESSED MULTIPLES

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

With a discreet 1.4" aperture, knife-edge trim and excellent visual cutoff - Lumenture's mini RM35 redefines the recessed multiple. The diminutive recessed modules deliver a powerful ~500 lumens each, where you want it and without glare - resulting in superior light quality and both a "clean" and "quiet" ceiling. The RM35 family ships standard with new construction Non-IC-rated housings.



<b>DIMMING</b> Triac, ELV, 0-10V, DALI & LEDcode	<b>WEIGHT</b> 8.4 oz (1 module)	<b>WATTAGE</b> up to 7W per head	<b>EFFICACY</b> up to 1800lm up to 70lm/W	<b>AC DRIVER INPUT</b> 120-277V	<b>HOUSING</b> Closed, Non-IC-Rated	<b>FINISH</b> Aluminum module & trim, Powdercoat	<b>ACCESSORIES</b> Emergency Backup Inverter, Lenses & Louvres (pg 3)	<b>MOVEMENT</b> 35° tilt

## ORDERING

FIXTURE	MODULE <sup>1</sup>	CCT/CRI <sup>2,3</sup>	BEAM SPREAD <sup>3</sup>	INTERIOR COLOR <sup>4</sup>	TRIM COLOR <sup>4</sup>	INTERIOR TYPE	DRIVER <sup>5</sup>	OUTPUT (mA) <sup>2</sup>	HOUSING <sup>6</sup>
RM35	1 - 1 Module 2 - 2 Modules 3 - 3 Modules 4 - 4 Modules 4S - 4 Square	27H - 2700K, CRI 90+ 30H - 3000K, CRI 90+ 35H - 3500K, CRI 90+	15 - 15° 25 - 25°	B - Black W - White	B - Black W - White F - Flangeless	O - Open C - Closed	U - Universal Dimming Driver (Triac, ELV & 0-10V) D1 - EldoLED DALI/LEDcode (0.1% dimming) Z1 - EldoLED 0-10V (0.1% dimming)	500 - 1 Module, 7W, 500 lumens 450 - 2 Module, 14W, 900 lumens 3 Module, 20W, 1400 lumens 4 Module, 26W, 1800 lumens <sup>(6)</sup> 4S Square, 26W, 1800 lumens <sup>(6)</sup>	C - Closed (Non-IC-Rated)

### NOTES

- Above ceiling access is required for driver removal of RM35-1.
- Custom options available. Please consult factory.
- For mixed beam angles or CCT, please consult factory.
- Interior color must match trim color.
- D1 and Z1 Driver options are not available with RM35-4 or RM35-4S. Emergency Backup Inverter options available. See page (4).
- Optional butterfly brackets available. See accessories on page (4). Butterfly brackets and factory installed brackets are required for acoustical ceiling tile (ACT ceilings).

### ORDERING EXAMPLE:

RM35 - 2 - 30H - 25 - B - B - O - U - 450 - C

### LISTINGS

Certified to UL standard 1598 and CSA C22.2 No. 250.0-08 for damp locations. Lithonia LEM08 emergency driver is CEC Title 20 compliant.



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## PHOTOMETRICS

### LUMEN OUTPUT

Values fluctuate based on CCT and CRI. To estimate delivered lumen output of various CCT/CRI options, multiply nominal lumens by the multiplier below.

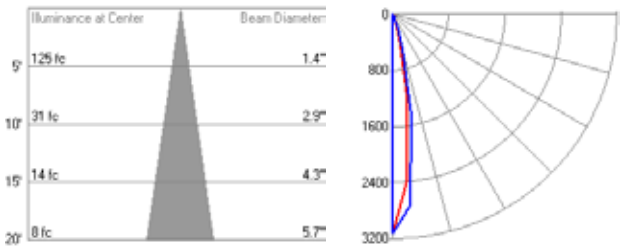
FIXTURE	OUTPUT (mA)	WATTAGE	NOMINAL LUMENS
RM35-1	500	7W	500
RM35-2	450	14W	900
RM35-3	450	20W	1400
RM35-4	450	26W	1800
RM35-4S	450	26W	1800

CODE	CCT	CRI	TECHNOLOGY	15°	25°
27H	2700K	90+	Standard	0.85	0.85
30H	3000K	90+	Standard	0.95	0.95
35H	3500K	90+	Standard	1.00	1.00

Luminaire maintains a lumen output tolerance of +/-7.5%

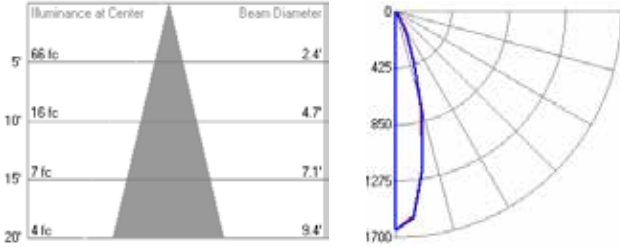
### RM35 - 15 Degree

Delivered Light Output: 500 Lumens  
Total Watts @120V: 7W;  
Lumens Per Watt: 71  
Center Beam Candle Power: 3125  
Spacing Criteria: 0.3



### RM35 - 25 Degree

Delivered Light Output: 500 Lumens  
Total Watts @120V: 7W;  
Lumens Per Watt: 71  
Center Beam Candle Power: 1650  
Spacing Criteria: 0.5



## TRIM TYPE

C Closed



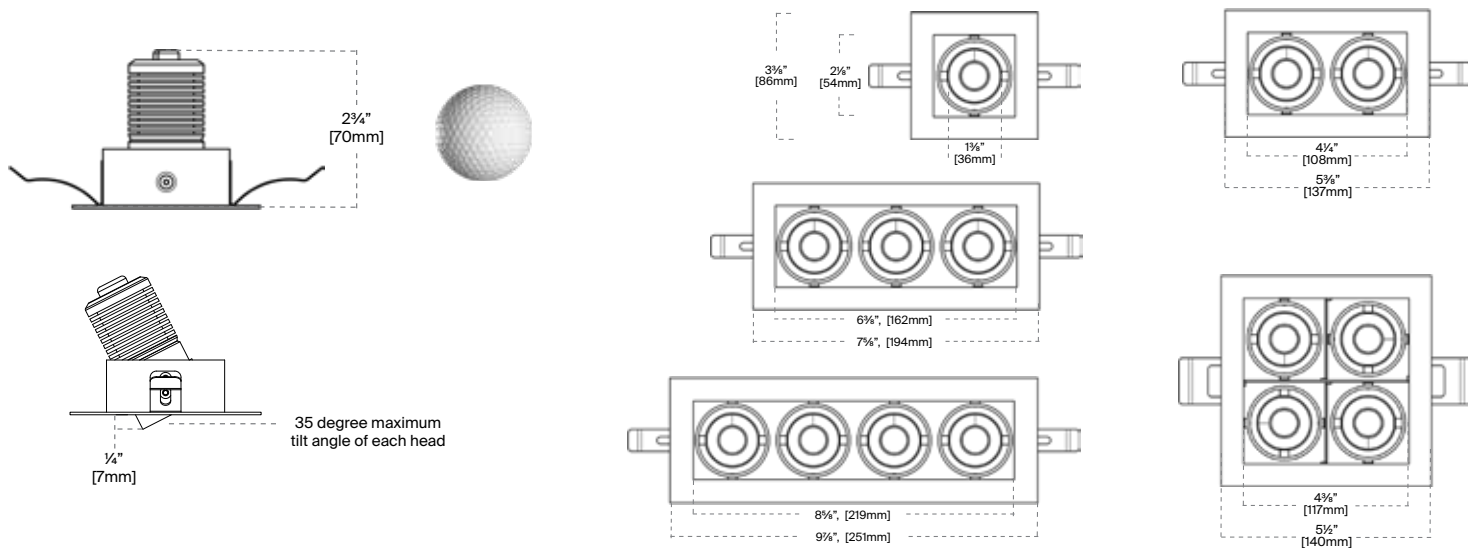
N Open



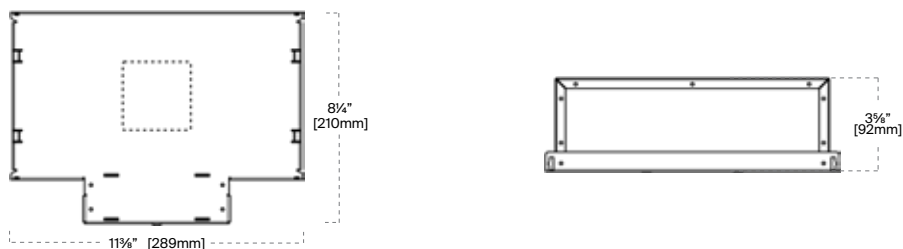
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## DIMENSIONS

Above ceiling access or remote driver required for RM35-1.



## HOUSING DIMENSIONS



## DIMMING

Dimming is standard and allows for smooth illumination below 0.1% with certain dimmer/driver combinations. The "U" (Universal) driver dims to 1%, accepts 120-277V AC Input and is compatible with 0-10V, Triac (forward phase) and ELV (reverse phase) dimmers. The "Z1" (0-10V) driver dims to 0.1%, accepts 120-277V AC Input and is compatible with 0-10V dimmers. The "D1" (DALI) driver dims to 0.1%, accepts 120-277V AC Input and is compatible with DALI dimmers. For dimmer compatibility, refer to the Dimming Compatibility document on our website.

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## ACCESSORIES

### LENS ACCESSORIES

**Lens-Clear-25**

**Lens-Green-25**

**Lens-Blue-25**  
(Light Blue)

**Lens-Red-25**

**Lens-Rose-25**

**Lens-Yellow-25**


**LS-25**  
(Linear Spread)

**SOL-25**  
(Solite)

**HL-25**  
(Black Honeycomb Louver)

### BUTTERFLY BRACKET KIT

Butterfly brackets and factory installed brackets are required for acoustical ceiling tile (ACT) ceilings.



**1254K**  
(Contains two (2) butterfly brackets and two (2) wing nuts)

## EMERGENCY LIGHTING INVERTERS

Small size and versatile mounting is suitable for plenum space mounting in close proximity to the luminaire or for remote mounting up to 300 ft. distance using 18 AWG wire. Further distances are possible with larger gauge wire. Two-wire universal input reduces wiring errors and reduces installation time and complexity.

	ACI-H35-A1	ACI-H100-A1
Output Power:	35 Watts	100 Watts
Emergency Operation:	90 Min	90 Min
Battery Type:	LiFePO4	LiFePO4
Input Voltage:	120-277 Volts	120-277 Volts
Output Voltage:	120-277 Volts	120-277 Volts
Class 2 Output:	n/a	n/a
Diagnostic Type:	Test switch <sup>1</sup>	Test switch <sup>1</sup>
Title-20 Compliant:	Yes	Yes
Life Expectancy:	75k Hours	75k Hours
Dimensions:	20.67" x 2.24" x 2.05"	19.5" x 3.35" x 2.2"
Mounting Type:	In-Line / Remote	In-Line / Remote
Maximum Distance:	300ft (18AWG)	300ft (18AWG)
Weight:	4.85lbs	7.28lbs
Operating Ambient Temp	0-50° C	0-50° C

### NOTE:

1. Test switch wiring can be extended up to 50 feet.