

# RM1616P - RM2424P

## 16" & 24" Square Recessed Series LED, Recessed Flange Mount Symmetrical/Asymmetrical Distribution

We reserve the right to revise the design or components of any product without notice.

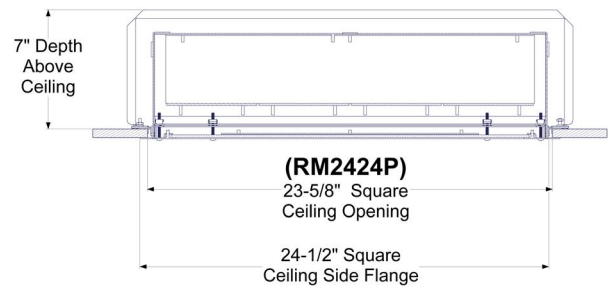
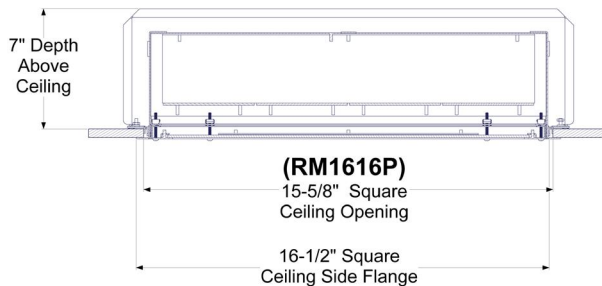
CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

### SPECIFICATIONS

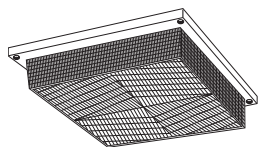
- HOUSING — Heavy gauge die formed aluminum housing, welded for water tight applications. Seven side and top 7/8" trade size electrical knockouts provided for main electrical connections.
- DOOR — Heavy gauge die formed aluminum with welded corners for water tight application. Houses lensing and incorporates eight point lock-up for positive seal into housing.
- LENS — 5/32" thick clear tempered glass (#85) is standard. Optional lensing available; (#81) 5/32" thick Prismatic Polycarbonate, (#86) 1/4" thick Clear Polycarbonate, (#92) 3/16" thick Clear Polycarbonate, (#93) Prismatic tempered Glass -or- (DP) Drop Pyramidal Diffuser, (DS) Drop Square Diffuser.
- LENS FASTENERS — LENS FASTENERS — Non-corrosive, stainless steel, tamper-proof fasteners secure door to housing.
- GASKETING — High temperature, non-aging EPDM and/or Neoprene rubber gasketing, seal the door frame inside the housing body.
- LED — Available in 3000K, 4000K, 5000k and 6500K color temperatures with a minimum CRI of 80.
- DRIVER — 120-277V 50/60Hz Constant Current (EBU) standard. Optional 347V. (For 0-10V dimming, TRIAC, Reverse Phase, Dali or Lutron Drivers, Consult Factory).
- SENSOR — Energy Saving Integral microwave motion sensors offered as Single Circuit ALL ON / ALL OFF (MS11), Dual Circuit HALF ON / HALF OFF (MSI2) and Tri-Level Operation (MSI3). See LED Options below for descriptions.
- MOUNTING — Both the RM1616P and RM2424P are plaster ceiling recessed luminaires designed for existing and new construction projects. Both luminaires are mounted using a lay-in plaster frame system that is supplied with each fixture. The RM1616P requires a 15-5/8" square ceiling hole and the RM2424P requires a 23-5/8" square ceiling hole.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Suitable for wet location installations and meets IP65 specification.



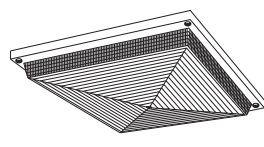
### DIMENSIONS



### OPTIONS



Optional Drop Square Diffuser (DS)



Optional Drop Pyramid Diffuser (DP)



Optional Extruded Guard (EG)



Energy Saving Microwave Occupancy Detection (MSI1, MSI2, or MSI3)

# RM1616P - RM2424P

16" & 24" Square Recessed Series  
 LED, Recessed Flange Mount  
 Symmetrical/Asymmetrical Distribution

LAMP TYPE/QTY/WATTAGE <sup>1</sup>			
Visit <a href="http://www.eclipselightinginc.com">www.eclipselightinginc.com</a> for available IES files			
Fixture		RM1616P	RM2424P
Dimensions - W x H x D		16" SQ. x 7" Depth	24" SQ. x 7" Depth
Light Emitting Diode	LED	40w / 60w	80w / 105w / 130w

ORDERING GUIDE:  Series  Lamp/Wattage  Color Temp  Voltage  Finish  Options

**SERIES**  
 RM1616P = RM1616P Recessed Flange Mount  
 RM2424P = RM2424P Recessed Flange Mount

**LAMP TYPE/QUANTITY/WATTAGE**  
 Refer to Above Chart

**VOLTAGE**  
 347 = 347 Volts  
 EBU = Universal Voltage (120 thru 277v)

**FINISH**  
 BK = Black Finish  
 BZ = Bronze Finish  
 CC = Custom Color (Consult Factory)  
 WH = White Finish (Standard)

**COLOR TEMPERATURE**  
 3K = ±3000K range  
 4K = ±4000K range  
 5K = ±5000K range  
 65K = ±6500K range

**LENS OPTIONS**  
 #81 = .156 K12 Prismatic Polycarbonate  
 #85 = .156 Clear Tempered Glass (Standard)  
 #86 = .250 Clear Polycarbonate  
 #92 = .187 Clear Polycarbonate  
 #93 = .156 C73 Prismatic Tempered Glass

**OPTIONS**  
 9206 = Photocell 120V  
 9221 = Photocell 277V  
 9328 = Universal Photocell 120/277V  
 DP = Drop Pyramid Diffuser  
 DS = Drop Square Diffuser  
 FUS = Single Fusing  
 DFUS = Double Fusing  
 EG = Extruded Aluminum Guard  
 GTD = Generator Transfer Device (Bodine)  
 RMF = Recessed Flange  
 RMG = Recessed Mount Grid

**LED OPTIONS**  
 BL1 = Bi-Level Light (High/Low)  
 — Single AC Input Feed, with Switch Sensor (Required)  
 BL2 = Bi-Level Light (High/Low)  
 — Wired for Dual AC Input Feeds  
 D7 = 0-10V low-voltage dimming (100-30% Standard, Consult Factory for Other)  
 D8 = LED Dimming: Forward Phase/Leading Edge (Triac)  
 — Consult Factory  
 D9 = LED Reverse Phase/Trailing Edge ELV  
 — Consult Factory  
 D11 = DALI LED Dimming Driver — Consult Factory  
 D12 = Lutron Dimming Driver — Consult Factory  
 MS11 = Motion Sensor Integral  
 — Single circuit: OFF / ALL-ON  
 MS12 = Motion Sensor Integral  
 — Single circuit: HALF-ON / ALL-ON  
 MS13 = Motion Sensor Integral  
 — Multi-Level Daylight  
 — Single circuit: OFF / DIM / ALL-ON  
 SG = 10KA Surge Protection for LED fixtures (meets ANSI spec C62.41.2)

**EMERGENCY OPTIONS<sup>2</sup>**  
*No onsite Emergency Power (AC or DC) is provided*  
 Specify Fixture Voltage: 120V or 277V Power Feed  
 A=120V or B=277V

**LED Emergency Battery**  
 EL82 = LED 4 Watt (Integral)  
 EL85 = LED 20 Watt (Integral)  
 EL88 = LED 16 Watt (Integral)

**NOTES:**  
<sup>1</sup> Consult Factory with requests regarding lamp sources, including LED, color temp., wattages or voltages not shown.  
<sup>2</sup> Consult Factory for other Voltage