The RSA-MRZ family of fixtures is a multi-head, recessed group of products with an integral LED dedicated head. Each head offers four different light levels and lumen packages, with 25°, 40°, and 55° beam spreads. Four color temperatures, 2700K, 3000K, 3500K, 4000K in both 80+ and 97+ CRI are also part of the standard offering. Each head can tilt 45° out of the fixture, and rotate 365° around. The RSA-MRZ family now includes intelligent wireless controls (LumaWatt Pro powered by Enlighted) or simplified wireless controls (WaveLinx), options. Accessories include hex louver, linear spread lens, or soft focus lens. A snoot is also available for high angle glare cutoff.

**SPECIFICATION FEATURES**

**Construction**
Housing is 6063-T5 extruded aluminum, 20 gauge cold rolled steel. Each head construction is die cast metal. Flanged trim and mud-in trim available. New construction housings equivalent to remodel. Housing constructed by fasteners. Weights of full fixture assembly: Flange Trim Weight: 21 lbs Flanged Trim Weight: 23.5 lbs Flange Trim with Sensor Weight: 22 lbs

**Electrical**
Standard drivers feature electronic universal voltage (120-277V/ 50-60 Hz), 20% harmonic distortion, and features ambient temperature of 25°C (77°F), 0-10V dimming standard.

**LED Optics**
Each fixture head features precision molded TIR optics made of virgin optical grade acrylic with 95% efficiency and is field changeable. Each lens is injection molded for precision optics with the choice of 25°, 40°, 55° beam spreads. The LEDs are also offered in 80+ CRI and 97+ CRI in 2700K, 3000K, 3500K, and 4000K CCT.

**Mounting**
Housing includes holes for tie back to structure. Knockouts are provided for threaded rods (by others) to secure fixture to structure. Provide flexible whip or conduit to fixture, and attach to fixture via knock outs on junction box side.

**Finish**
Components are UL recognized and luminaires are cULus listed for 25°C ambient environments, IC rated, Chicago plenum rated, and NYC compliant. Dry listed.

**Control**
Standard offering is 0-10V dimming. Energy saving integral sensor options available. LumaWatt Pro sensors are available for building management applications. WaveLinx sensors are available for simplified controls solutions. Addressable Lighting Interface (DALI) driver option can be used with Fifth Light Technology.

**Life and Warranty**
Standard five-year limited warranty on all parts.
ADDITIONAL OPTIONS AND VIEWS

Mud-In Trim

| a | 134° | 189 mm |
| b | 5.25° | 134 mm |
| c | 21.05° | 534 mm |
| d | 23.2° | 590 mm |
| e | 3.17° | 61 mm (diam) |

| a | 1.26° | 32 mm (diam) |
| b | 2.01° | 51 mm |
| c | 23.75° | 603 mm |
| d | 6.65° | 169 mm |

Flange Trim with LumaWatt Pro Sensor LWIPD1 Sensor (WaveLinx sensor, SWPD1, also available)

| a | 1.97° | 50 mm |
| b | 5.5° | 140 mm |
| c | 21.05° | 534 mm |
| d | 23.2° | 590 mm |
| e | 0.16° | 5 mm |

Rotation of 45° per fixture head, and 365°, in plan view.

Accessories - Linear Spread Lens, Hex Louver, Soft Focus Lens, Snoot.
(Note: Only one lens can be used at a time. And, only one lens can be used with snoot)

LUMEN MAINTENANCE

<table>
<thead>
<tr>
<th>AMBIENT TEMPERATURE</th>
<th>TM-21 LUMEN MAINTENANCE (60,000 Hours)</th>
<th>THEORETICAL L70 (Hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25°C</td>
<td>&gt; 86%</td>
<td>&gt; 90,000</td>
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</tbody>
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CONNECTED CONTROL

LumaWatt Pro powered by Enlighted Intelligent (LWIPD1) and WaveLinx (SWPD1) Wireless Sensor Ordering Information. See dedicated RSA connected controls spec sheet for systems information and application. (link to Controls Spec Sheet)

<table>
<thead>
<tr>
<th>PRODUCT FAMILY</th>
<th>OCCUPANCY TECHNOLOGY</th>
<th>SENSING TECHNOLOGY</th>
<th>COVERAGE PATTERN</th>
</tr>
</thead>
<tbody>
<tr>
<td>LWI * LumaWatt Pro Wireless Integral Sensor</td>
<td>P * Passive Infrared</td>
<td>D * Dimming Daylight Harvesting (Closed Loop)</td>
<td>1° ~ 144 Square Feet</td>
</tr>
<tr>
<td>SW * WaveLine Integral Wireless Sensor</td>
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</table>
ZONAL LUMENS SUMMARY

<table>
<thead>
<tr>
<th>Zone</th>
<th>Lumens</th>
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PHOTOMETRY

SERIES - RSA-MRZ-4

Filename: MRZ-1-REC-X-4-L35-97-NFL-UNV-X-STD.ies
Test No.: P219571
Lumcat: MRZ-1-REC-X-4-L35-97-NFL-UNV-X-STD
Lumens: 1276 Lm
Watts: 15.8 W
LPW: 80.8 Lm/W
CCT: 3500K
SC (0/90/45): 0.41 / 0.41 / 0.37
Beam Angle: 24.1°
Cone Angle: 6600 cd

TM-30-15: Rg = 90.1
Rg = 97.2
CRI/CIE: Rg = 97.3
Rg = 94.4

COLOR VECTOR GRAPHIC

Reference Illuminant: Test Source

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<tbody>
<tr>
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LUMINANCE DATA (cd/m²)

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COLOR VECTOR GRAPHIC
TECHNICAL NOTES

1. Sensor only available for Flange Trim.
3. When SFL, LSL, HEX, or SNT are selected, all fixture heads receive this option. Only one shielding media can be used at a time. However, the SNT (snoot) option can take one hex louver, linear spread, or soft focus lens media.
4. K1 is a kit that contains one 25°, one 40°, and one 55° lens in one box for field changeable optic distributions. K2 is a kit that contains two 25°, two 40°, and two 55° lenses in one box for field changeable optic distributions. K3 is a kit that contains three 25°, three 40°, and three 55° lenses in one box for field changeable optic distributions. K4 is a kit that contains four 25°, four 40°, and four 55° lenses in one box for field changeable optic distributions.
5. See CONNECTED CONTROL for detailed information and full specification.
6. 14 W Surelite battery. Each fixture head will dim to 25% of output for egress mode.
7. Integral sensors are only compatible with 0-10V dimming drivers. They must be used with their respective wireless control systems.
8. Refer to “IES Files” section for all options of color temperatures, CRI's, optical distributions, and shielding media.
9. All driver options available.