



|                |             |
|----------------|-------------|
| Fixture Type   | Date        |
| Job Name       | Approved By |
| Catalog Number |             |

## SPECIFICATIONS



|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>            | The Super Max RMP Confinement Recessed Luminaire is ideally suited for behavioral institutions and correctional facilities. Available options provide suitability for minimum to maximum security locations. Suitable for both concrete pour and grid ceilings, the Super Max Confinement Recessed Series features a convertible door. In the event of product misordering, a flange kit can be purchased separately to adjust grid to flange setup in the field. A ligature resistant design is standard for all variations of the Recessed Mount series. |
| <b>Housing</b>                | One piece die formed housing, available in 16ga. Cold rolled steels. All corners and seams continuously welded smooth.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Door Frame</b>             | One piece die formed housing, available in stainless or cold rolled steels. All corners continuously welded smooth.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gear Tray</b>              | Field replaceable integral unit containing LED circuit board, driver, reflector, and modular wiring. Optional dimmable driver available. Designed for quick replacement within the cell environment. LED smart board design provides auto-compensate feature to ensure fail safe operation in the event of multiple LED chip failures. High efficacy, long-life mid-power board featuring Samsung 561B+ LED's mounted directly to integral heat sink for maximum thermal dissipation.                                                                      |
| <b>Hinge</b>                  | Concealed welded piano-type hinge (1/4" knuckle/ 1/8" diameter pin) standard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Lens</b>                   | Maximum combined thickness of 0.75" and a minimum thickness of 0.25". Clear lens combinations include high efficiency LED diffusion material.                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Lens Retention</b>         | Vertically adjustable "Z" brackets secure lens to housing via internally welded stainless steel studs and heavy duty hardware.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Finish</b>                 | Brushed stainless steel or electrostatically white polyester powder coating.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>LED</b>                    | Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L 70 projected life of over 130,000 hours at 50°C.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UL Listing</b>             | U.L., C.U.L. Damp Location Listing standard. Wet Location Listing (covered ceilings) optional.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Government Procurement</b> | <b>BAA – Buy America(n) Act:</b> Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.<br><b>BABA – Build America Buy America:</b> Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.<br>Please refer to <a href="http://www.acuitybrands.com/buy-american">www.acuitybrands.com/buy-american</a> for additional information.            |
| <b>Warranty</b>               | 10-year warranty on LED boards against operational defects. Tested in accordance with LM-80. Driver covered by manufacturer's warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.                                                                                                                                                                                                                                   |
| <b>Note</b>                   | Actual performance may differ as a result of end-user environment and application.<br>All values are design or typical values, measured under laboratory conditions at 25 °C.<br>Specifications subject to change without notice.                                                                                                                                                                                                                                                                                                                          |

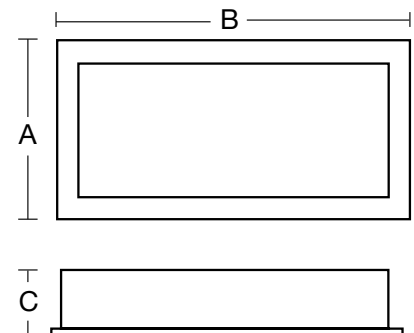
## DIMENSIONAL DATA

### NOMINAL DIMENSION

|         | A   | B   | C     |
|---------|-----|-----|-------|
| RMP R12 | 12" | 24" | 2.88" |
| RMP R14 | 12" | 48" | 2.88" |
| RMP R22 | 24" | 24" | 2.88" |
| RMP R24 | 24" | 48" | 2.88" |

### CUTOUT DIMENSION

|         | A      | B      | C     |
|---------|--------|--------|-------|
| RMP R12 | 11.19" | 22.88" | 2.88" |
| RMP R14 | 11.19" | 47.00" | 2.88" |
| RMP R22 | 23.19" | 22.88" | 2.88" |
| RMP R24 | 23.19" | 47.00" | 2.88" |



## ORDERING INFORMATION

Example: RMP R12 F H16CRSP D14CRSP MIN1 50W 40K MVOLT ALS 4ES

| Series*                                                            |                                                              | Size (Nominal)* <sup>1</sup> |            | Ceiling Type* |                      | Housing* |                                        | Door*   |                                     | Drivers* |                           | Wattage (Nominal) <sup>1</sup> |                                                                                                          |                                                                                            |
|--------------------------------------------------------------------|--------------------------------------------------------------|------------------------------|------------|---------------|----------------------|----------|----------------------------------------|---------|-------------------------------------|----------|---------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| RMP                                                                | Recessed Mount for Correctional and Behavioral Health Spaces | R12                          | 12" by 24" | F             | Flange               | H16CRSP  | 16ga cold rolled steel painted housing | D14CRSP | 14ga Cold Rolled Steel Painted Door | MIN1     | Dimming to 1%             | 25W                            |                                                                                                          |                                                                                            |
|                                                                    |                                                              | R14                          | 12" by 48" | G             | Grid                 |          |                                        | D14SSB  | 14ga stainless Steel Door           | MIN10    | Dimming to 10%            | 50W                            |                                                                                                          |                                                                                            |
|                                                                    |                                                              | R22                          | 24" by 24" | MP            | Metal Pan            |          |                                        | D16CRSP | 16ga Cold Rolled Steel Painted Door | NODIM    | Non-Dimming Driver        | 100W                           |                                                                                                          |                                                                                            |
|                                                                    |                                                              | R24                          | 24" by 48" | Z             | Concealed Z - Spline |          |                                        |         |                                     | D16SSB   | 16ga stainless Steel Door | PRD                            | Driver Programmed to Specific Lumen Output. To specify lumens, see size and lumen chart, Consult Factory | Required for all drivers except PRD driver. To specify wattage, see size and wattage chart |
|                                                                    |                                                              |                              |            |               |                      |          |                                        |         |                                     |          |                           |                                |                                                                                                          |                                                                                            |
| PRD not available with Wattage<br>PRD Standard 0-10v Dimming to 1% |                                                              |                              |            |               |                      |          |                                        |         |                                     |          |                           |                                |                                                                                                          |                                                                                            |

| Lumens (For PRD Only)                                                                                  | CCT*      | Voltage*           | Lamp Side Lens*                                  | Environmental Side Lens*                                        |
|--------------------------------------------------------------------------------------------------------|-----------|--------------------|--------------------------------------------------|-----------------------------------------------------------------|
| 1000LM - 11500LM - Lumens available in 100LM increments<br><i>Lumens required if PRD driver chosen</i> | 27K 2700K | MVOLT 120-277 Volt | ALS .125" DR Prismatic Acrylic Lamp Side         | 1ES .125" Clear Polycarbonate Environmental Side                |
|                                                                                                        | 30K 3000K |                    | BLS .125" Prismatic Polycarbonate Lamp Side      | 2ES .187" Clear Polycarbonate Environmental Side                |
|                                                                                                        | 35K 3500K |                    | CLS .125" Clear Polycarbonate Lamp Side          | 3ES .187" Clear Tempered Glass Environmental Side               |
|                                                                                                        | 40K 4000K |                    | DLS .156" Prismatic Polycarbonate Lamp Side      | 4ES .250" Clear Acrylic Environmental Side                      |
|                                                                                                        | 50K 5000K |                    | D1LS .187" Prismatic Polycarbonate Lamp Side     | 5ES .250" Clear Polycarbonate Environmental Side                |
|                                                                                                        |           |                    | ELS .250" Clear Polycarbonate Lamp Side          | 6ES .250" Clear Tempered Glass Environmental Side               |
|                                                                                                        |           |                    | FLS .250" Clear Tempered Glass Lamp Side         | 7ES .375" Clear Polycarbonate Environmental Side                |
|                                                                                                        |           |                    | GLS .375" Clear Polycarbonate Lamp Side          | 8ES .375" Clear Tempered Glass Environmental Side               |
|                                                                                                        |           |                    | HLS .375" Clear Tempered Glass Lamp Side         | 9ES <sup>3</sup> .500" Clear Polycarbonate Environmental Side   |
|                                                                                                        |           |                    | ILS .500" Clear Polycarbonate Lamp Side          | 10ES <sup>3</sup> .500" Clear Tempered Glass Environmental Side |
|                                                                                                        |           |                    | JLS .500" Clear Tempered Glass Lamp Side         | NOES <sup>4</sup> No Environmental Side Lens                    |
|                                                                                                        |           |                    | NOLS <sup>2</sup> No Lamp Side Lens              | <i>Up to 0.75" Thick Maximum Combination of Lenses</i>          |
|                                                                                                        |           |                    | <i>0.25" Thick Minimum Combination of Lenses</i> |                                                                 |

\*Required

## OPTIONS

| Finish*                                                                                                                                                                                                                                                                                               | Environment     | Fusing                   | Emergency                                                                                                                                                                                                                              | Nightlight                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Mounting Hardware |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| WHT White<br>AMF White Antimicrobial Finish<br>BRSS Brushed<br>RAL TBD Ral Paint finishes<br><i>RAL TBD for pricing only. Replace with applicable RAL call out when ready to order. See the <a href="#">RAL BROCHURE</a> for available options</i><br><i>BRSS only available with Stainless Steel</i> | WL Wet Location | GLR Fuse and Fuse Holder | EMB310 Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). 800 lumens<br><br>EMB310T20 Self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 standards. 800 lumens | AMBNL Amber LED Night Light with field adjustable levels with peak wavelengths at 593 nm. Requires separately controlled circuit. Consult factory for availability<br><br>LEDNL LED Night Light with field adjustable levels matched to CCT of main source. Requires separately controlled circuit<br><br>REDNL <sup>5</sup> Red LED Night Light with field adjustable levels with peak wavelength at 621 nm. Requires separately controlled circuit. Consult factory for availability | YM Yoke Mount     |

### Ordering Notes

- See Size and Wattage Chart.
- Cannot combine with 1ES, 2ES, 3ES or NOES
- Cannot combine with GLS, HLS, ILS or JLS
- Cannot combine with ALS, BLS, CLS, DLS, DL1S or NOLS
- Consult Factory

**Accessories:** Order as separate catalog number

CTX TORX® Head Bit for High Security Confinement  
*Initial shipment includes one (1) CTX per fixture.*

SIZE & WATTAGE CHART

| Size    | Wattage    |
|---------|------------|
| RMP R12 | 25W        |
| RMP R14 | 25W   50W  |
| RMP R22 | 25W   50W  |
| RMP R24 | 50W   100W |

SIZE & LUMEN CHART (For PRD)

| Size | Lumen Range      |
|------|------------------|
| R12  | 1000LM - 2700LM  |
| R14  | 1800LM - 4900LM  |
| R22  | 1700LM - 4800LM  |
| R24  | 2200LM - 11500LM |

PHOTOMETRIC DATA

| Model   | Watts | Input Watts | Delivered Lumens                                                                        |       |       |       |       |
|---------|-------|-------------|-----------------------------------------------------------------------------------------|-------|-------|-------|-------|
|         |       |             | 2700K                                                                                   | 3000K | 3500K | 4000K | 5000K |
| RMP R12 | 25W   | 29.2        | 2486                                                                                    | 2513  | 2565  | 2645  | 2724  |
| RMP R14 | 50W   | 55.9        | 4461                                                                                    | 4509  | 4604  | 4746  | 4888  |
| RMP R22 | 50W   | 53.4        | 4363                                                                                    | 4410  | 4502  | 4642  | 4781  |
| RMP R24 | 50W   | 55.6        | 5605                                                                                    | 5665  | 5784  | 5963  | 6141  |
| RMP R24 | 100W  | 109.7       | 10481                                                                                   | 10594 | 10816 | 11151 | 11485 |
| RMPxxx  | PRD   |             | Programmable Driver. Specify Delivered Lumens in Ordering Information, see Chart above. |       |       |       |       |

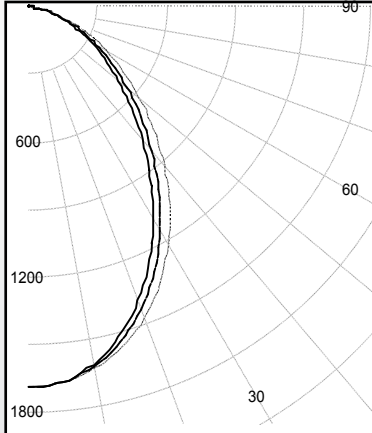
## PHOTOMETRIC DATA

### MODEL RMP R14 50W 40K ALS 4ES

Delivered Lumens: 4,746 Lumens

Total Power: 55.9W

Testing was performed in accordance with IES LM-79-08



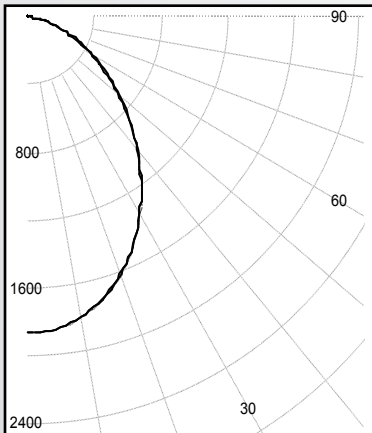
| Zone    | Lumens | % Lamps |
|---------|--------|---------|
| 0 - 30  | 1401   | 29.5    |
| 0 - 40  | 2235   | 47.1    |
| 0 - 60  | 3823   | 80.6    |
| 60 - 90 | 922    | 19.5    |
| 0 - 90  | 4746   | 100.0   |
| 90 -180 | 0      | 0.0     |
| 0 - 180 | 4746   | 100.0   |

### MODEL RMP R22 50W 40K ALS 4ES

Delivered Lumens: 3,721 Lumens

Total Power: 53.4W

Testing was performed in accordance with IES LM-79-08



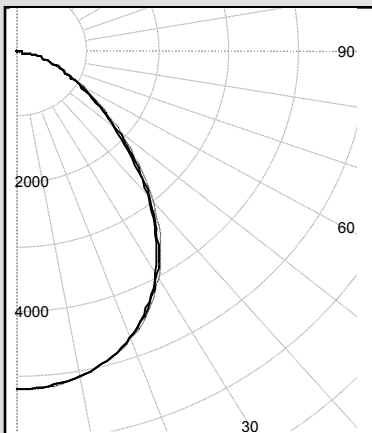
| Zone    | Lumens | % Lamps |
|---------|--------|---------|
| 0 - 30  | 1345   | 36.2    |
| 0 - 40  | 2085   | 56.0    |
| 0 - 60  | 3251   | 87.4    |
| 60 - 90 | 470    | 12.6    |
| 0 - 90  | 3721   | 100.0   |
| 90 -180 | 0      | 0.0     |
| 0 - 180 | 3721   | 100.0   |

### MODEL RMP R24 100W 40K ALS 4ES

Delivered Lumens: 10,387 Lumens

Total Power: 109.3W

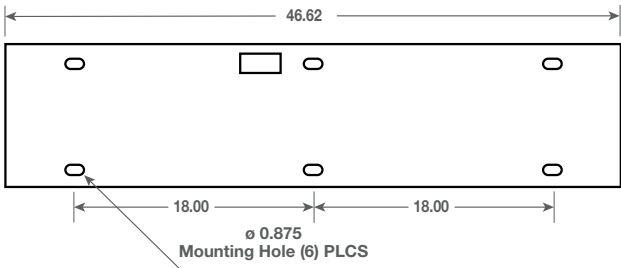
Testing was performed in accordance with IES LM-79-08



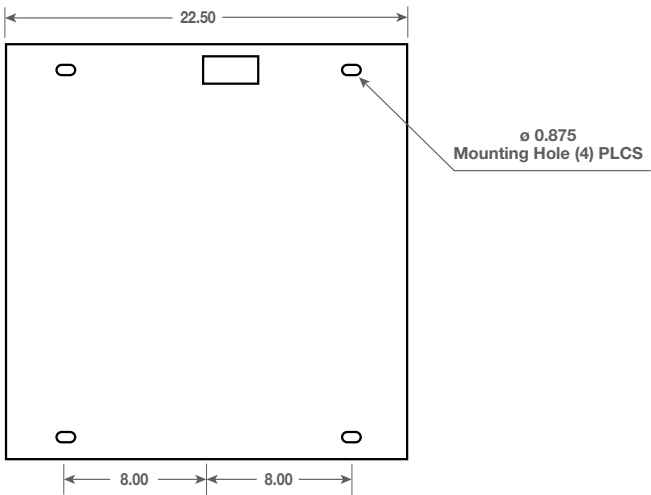
| Zone    | Lumens | % Lamps |
|---------|--------|---------|
| 0 - 30  | 3890   | 37.5    |
| 0 - 40  | 6059   | 58.3    |
| 0 - 60  | 9149   | 88.1    |
| 60 - 90 | 1238   | 11.9    |
| 0 - 90  | 10387  | 100.0   |
| 90 -180 | 0      | 0.0     |
| 0 - 180 | 10387  | 100.0   |

MOUNTING PLATE DETAILS

RMP R14



RMP R22



RMP R24

