



## AURA SERIES | AR-2R Surface

Client:  
Project:  
Type:  
Quantity:



### Product Features

The AR Series Architectural Cylinder is a compact architectural fixture designed for clean aesthetics and reliable performance. With a slim 2.36" diameter, this luminaire offers powerful illumination in a minimalist form. Its precision optics and static CCT options make it an ideal choice for accent, task, or general lighting applications.

### Technical Specifications

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| INPUT VOLTAGE         | AC120-277V                                                         |
| FREQUENCY             | 50/60hz                                                            |
| LUMEN                 | 850 ~ 1300LM                                                       |
| WATTAGE               | 10W ~ 16W                                                          |
| LPW                   | 83lm/W                                                             |
| COLOR TEMPERATURE     | Static CCT 2700K / 3000K / 3500K / 4000K / Dim-To-Warm 3000K~1800K |
| COLOR RENDERING INDEX | >90                                                                |
| DISTRIBUTION          | 20° / 33° / 45° / 60°                                              |
| IP RATING             | Damp Location                                                      |
| LIFE SPAN             | >50,000 Hours                                                      |
| DIMMING               | 3-in-1 Dimming: 0-10V-10%, Triac, ELV                              |



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### SUBMITTAL WORKSHEET

Order Code Example: Series + Light Engine + CCT + Distribution + Baffle + Housing Finish + Driver + Mounting

AR - 2R4 - 930 - 60 - WH - WH - UDE - QM12  
 A B C D E F G H

#### A SERIES

AR Aura Series Architectural Cylinder

#### B LIGHT ENGINE (CHOOSE ONE)

| CODE | SHAPE          | DIMENSION    | POWER / LUMEN / DISTRIBUTION | LPW |
|------|----------------|--------------|------------------------------|-----|
| 2R4  | Round Cylinder | ø 2.36" x 4" | 10W / 850lm / 100% Direct    | 85  |
| 2R6  | Round Cylinder | ø 2.36" x 6" | 16W / 1,300lm / 100% Direct  | 81  |

#### C CCT (CHOOSE ONE)

| CODE | CCT                                |
|------|------------------------------------|
| 927  | 90CRI, 2700K                       |
| 930  | 90CRI, 3000K                       |
| 935  | 90CRI, 3500K                       |
| 940  | 90CRI, 4000K                       |
| DW   | 90CRI, 3000K ~ 1800K (Dim-to-Warm) |

#### D DISTRIBUTION (CHOOSE ONE)

| CODE | DISTRIBUTION |
|------|--------------|
| 20   | Narrow - 20° |
| 33   | Medium - 33° |
| 45   | Wide - 45°   |
| 60   | Flood - 60°  |

#### E BAFFLE (CHOOSE ONE)

|    |             |
|----|-------------|
| BK | Satin Black |
| WH | Satin White |

#### F HOUSING FINISH (CHOOSE ONE)

|     |                         |
|-----|-------------------------|
| BK  | Smooth Black Finish     |
| WH  | Smooth White Finish     |
| CC* | Customized Color Finish |

\*see Customized Color Chart on pg 3

#### G DRIVER (CHOOSE ONE)

UDE Remote 3-in-1 Driver: 120-277V Input, 0-10V 10% Dimming / 120V Input Triac, Electronic Low Voltage Dimming

#### H MOUNTING \*SPEC ON PG 4

SM Surface Mount Kit w/5" J-Box Cover for Recessed J-box (J-box above finished ceiling)



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### SUBMITTAL WORKSHEET

Order Code Example: EMB

EMB-H18170

I

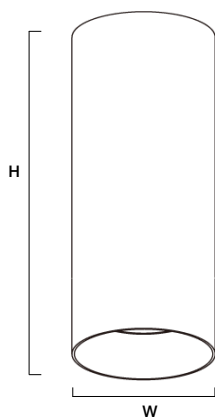
### I OPTIONS

|                   |                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------|
| <b>BAA</b>        | Assembled in America, Compliant with BAA (COTS)                                         |
| <b>EMB-H08170</b> | 90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output (Remote)  |
| <b>EMB-H18170</b> | 90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output (Remote) |

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### DIMENSIONS

| CODE                     | DIMENSION |       |
|--------------------------|-----------|-------|
|                          | W         | H     |
| AR-2R4 (Engine w/Baffle) | ø 2.36"   | 3.94" |
| AR-2R6 (Engine w/Baffle) | ø 2.36"   | 5.90" |



### AR-2R Light Engine Summary

**LED Chip:** LumiLED

**Power:** 10W / 16W

**Quality:** >90 CRI, 3-step SDCM

**CCT:** Static 2700K | 3000K | 3500K | 4000K | Dim-To-Warm 3000K~1800K

**Input:** 120~277V, 50/60Hz

**Dimming:** 120~277V: 0-10V 10% Dimming | 120V: ELV / TRIAC Dimming

**Power Factor:** Greater than 0.9

**Ambient Operating Temperature:** -20°C to 40°C

**Lifetime:** 50,000 hours at 70% lumen maintenance

**Listing:** cETLus Damp Location

### COLOR CHART (CHOOSE ONE)

CC  
RAL

Specify Color Code:

Specify RAL Color:



GR - Green



BL - Blue



PP - Purple



PK - Pink



RD - Red



OG - Orange



YW - Yellow



BK - Satin Black



GB - Gloss Black



WH - Satin White



GW - Gloss White



OB - Oil Rubbed Bronze



GZ - Gloss Bronze



MS - Matte Silver



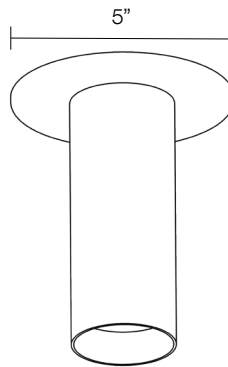
MBS - Matte Brass



GBS - Gloss Brass

**DIMENSIONS - SURFACE MOUNT**

**SM-REC** - Surface Mount Kit for Recessed J-box (J-box above finished ceiling)

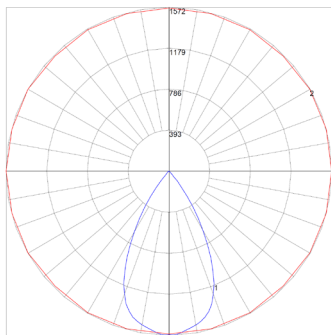


**AR-2R4**  
**AR-2R6**  
Surface Mount

## AURA SERIES | AR-2R Surface

### PERFORMANCE

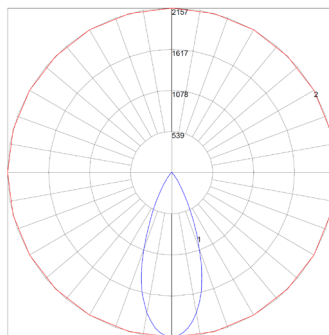
IES: AR-2R6 @ 16W 90CRI 3500K 60°



| Zone  | Lumen | Luminaire% |
|-------|-------|------------|
| 0-30  | 988   | 78.40      |
| 0-40  | 1212  | 96.10      |
| 0-60  | 1254  | 99.50      |
| 0-90  | 1260  | 100        |
| 0-180 | 1260  | 100        |

Lumen: 1260  
 Input Watts: 16 W  
 Efficacy: 79 LPW

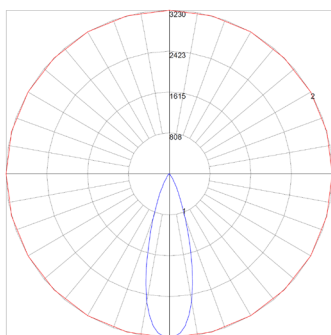
IES: AR-2R6 @ 16W 90CRI 3500K 45°



| Zone  | Lumen | Luminaire% |
|-------|-------|------------|
| 0-30  | 898   | 85.90      |
| 0-40  | 1000  | 95.70      |
| 0-60  | 1038  | 99.40      |
| 0-90  | 1045  | 100        |
| 0-180 | 1045  | 100        |

Lumen: 1045  
 Input Watts: 16 W  
 Efficacy: 65 LPW

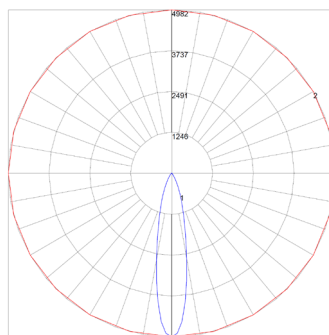
IES: AR-2R6 @ 16W 90CRI 3500K 33°



| Zone  | Lumen | Luminaire% |
|-------|-------|------------|
| 0-30  | 946   | 89.40      |
| 0-40  | 1018  | 96.10      |
| 0-60  | 1052  | 99.40      |
| 0-90  | 1060  | 100        |
| 0-180 | 1060  | 100        |

Lumen: 1060  
 Input Watts: 16 W  
 Efficacy: 66 LPW

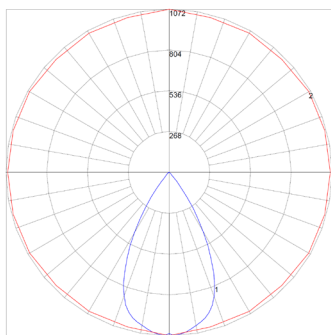
IES: AR-2R6 @ 16W 90CRI 3500K 20°



| Zone  | Lumen | Luminaire% |
|-------|-------|------------|
| 0-30  | 990   | 85.90      |
| 0-40  | 1073  | 93.00      |
| 0-60  | 1123  | 97.40      |
| 0-90  | 1154  | 100        |
| 0-180 | 1154  | 100        |

Lumen: 1154  
 Input Watts: 16 W  
 Efficacy: 72 LPW

IES: AR-2R4 @ 10W 90CRI 3500K 60°



| Zone  | Lumen | Luminaire% |
|-------|-------|------------|
| 0-30  | 667   | 78.10      |
| 0-40  | 818   | 95.90      |
| 0-60  | 848   | 99.40      |
| 0-90  | 854   | 100        |
| 0-180 | 854   | 100        |

Lumen: 854  
 Input Watts: 10 W  
 Efficacy: 85 LPW

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### EMB SPEC

| Model      | Battery Capacity | Input      | Output | Output Power | Operating Temp             | Installation  |
|------------|------------------|------------|--------|--------------|----------------------------|---------------|
| EMB-H08170 | 90mins           | 100-347VAC | 170VDC | 8W           | 0°C ~ 50°C<br>32°F ~ 122°F | Field Install |
| EMB-H18170 | 90mins           | 100-347VAC | 170VDC | 18W          | 0°C ~ 50°C<br>32°F ~ 122°F | Field Install |

