



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

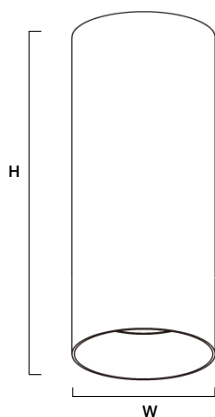
I OPTIONS

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



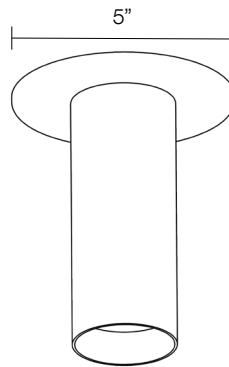
MBS - Matte Brass



GBS - Gloss Brass

DIMENSIONS - SURFACE MOUNT

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

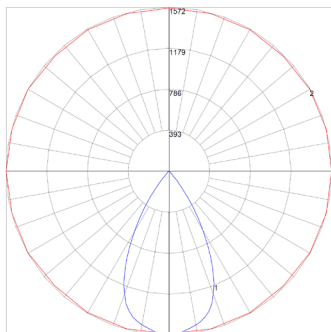


AR-2R4
AR-2R6
Surface Mount

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PERFORMANCE

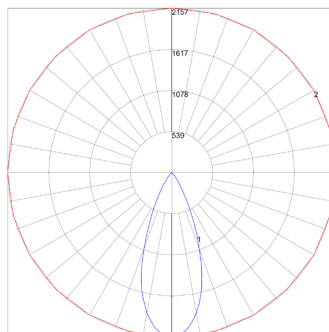
IES: AR-2R6 @ 16W 90CRI 3500K 60°



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

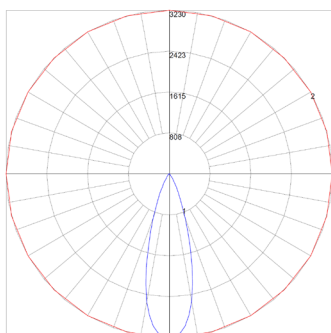
IES: AR-2R6 @ 16W 90CRI 3500K 45°



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

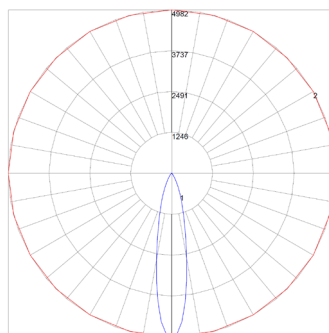
IES: AR-2R6 @ 16W 90CRI 3500K 33°



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

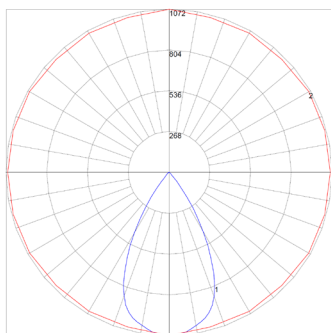
IES: AR-2R6 @ 16W 90CRI 3500K 20°



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 32°F ~ 122°F	Field Install
EMB-H18170	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Field Install

