HA4



Color: Black/white

Weight: 0.4 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.11A
208V	N/A
240V	N/A
277V	N/A
Input Watts	12W

LED Info

Watts	12W
Color Temp	Field Adjustable 2700K/3000K/3500K/4000K/5000K
Color Accuracy	90 CRI
L70 Lifespan	50,000 Hours
Lumens	950-1,060 lm
Efficacy	79-88 lm/W

Technical Specifications

Performance

Description:
4-inch LED downlight module for HALED

Product Type:
Recessed Downlights

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Dimming:
Yes, See Dimmer Compatibility List

Electrical

Driver:
120V, 60 Hz, 0.11A

THD:
≤20%

Power Factor:
0.9

Input Voltage:
120V.
For 120-277V applications, order with HAD4/D10 (sold separately).

Operating Frequency:
60 Hz

LED Characteristics

Color Temperature:
Field Adjustable: 2700K,3000K,3500K,4000K,5000K

Color Stability:
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

Downlight Module Component:
This component must be ordered with the 4" HALED trim in order to make a complete fixture.
See here for Round & Square 4" HALED Trims

Material:
Metal

Trim Style:
Smooth Trim

Shape:
Round

Mounting:
Recessed ceiling

Operating Temperature Range:
-20°C - 40°C (-4°F - 104°F)

IC Rated:
Suitable for direct contact with insulation.
Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations.
Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.

Expose to UV Light:
Yes

Compliance

UL Listed:
Suitable for wet locations

Energy Star Approved:
This product is ENERGY STAR® Version 2.2 Certified.

FCC:
Complies with Part 15B of the FCC Rules

California Title 24 JA8 Compliant:
Can be used to conform with the requirements of California Title 24 Part 6

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Technical Specifications (continued)

Air Tight:
Airtight per ASTM-E283-04

Trade Agreements Act Compliant:
This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

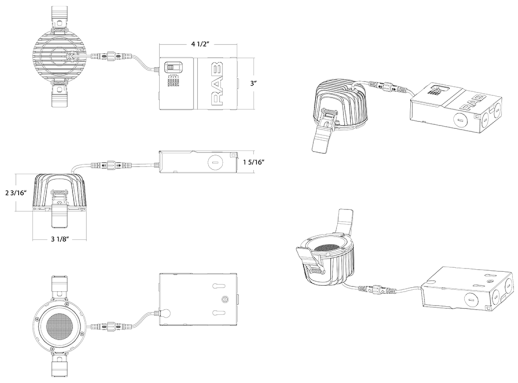
Other

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Note:
All values are typical (tolerance +/- 10%)

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- 45-degree optical lens provides uniform light distribution
- Dimmable, see Dimmer Compatibility List
- IC and airtight rated
- Separate snap-in color trims available in round, square, smooth and baffle for in-field installation
- 50,000-Hour LED lifespan
- 5-Year, no compromise warranty

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Ordering Matrix

Family	Size	Shape	CRI/Color Temp	Driver	Dimming
HA	4				
	4 = 4" **6 =** 6"	**Blank =** Round	**Blank =** 90 CRI, CCT Adjustable	**Blank =** 120V Driver	**Blank =** TRIAC

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