HALO

DESCRIPTION

The HLA4 is a 4-inch ultra-thin round or square LED directional with remote driver / junction box suitable for new construction and remodel applications. Field selectable color temperature and high color rendering provide excellent color performance. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Installs from below the ceiling in as little as 1-1/2" plenum height, can be used in direct contact with insulation and is airtight. Use for accent or task lighting in low to medium height ceilings where energy savings, long life and economy are required.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

HOUSING

- Die-cast aluminum mounting frame with round or square flange
- Gimbal rotates 360° and tilts ± 30° holding any aiming angle
- Aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

GASKET

- Closed cell gasket achieves restrictive airflow and wall location rating without additional gaskets or caulking

OPTIONAL MOUNTING FRAME

- Pre-galvanized steel mounting frame locates fixture fittings during electrical rough-in and provides ceiling guidance for drywall contractor
- Provides tool-less attachment of remote driver / junction box

OPTICS

- Flood - FL
  Optical design creates a clean, uniform 60-degree beam distribution
- Very Wide Flood - VWFL
  Reflector organizes source flux into VWFL distribution, useful for accent and task lighting

LED ARRAY

- Plurality of mid power LED's provides a uniform source with high efficiency and long life
- Available in 80 CRI minimum, R9 greater than 50 provides high color rendering
- Field selectable color temperatures, select 2700, 3000, 3500, 4000 or 5000 K CCT, color accuracy within 4 SDCM
- Meets ENERGY STAR® color angular uniformity requirements, deviation is less than 0.006 u' v'

REMOTE DRIVER / JUNCTION BOX

- Pre-galvanized steel driver / junction box with captive hinged junction box cover
- Listed for 90 #12 AWG 90° C splice conductors, 2-hot, 2-neut plus (2) ground
- (2) ½" conduit pry-outs
- (2) Slide-N-Grip™ non-metallic (NM) wire loops allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 6-part push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting slots facilitate direct mounting to building structure or mounting frame

DRIVER

- 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase-cut dimmers
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

INSTALLATION

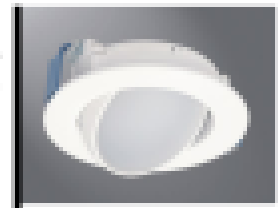
- Can be installed in ½" to 1-1/4" thick ceilings
- Cutout utilizes standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

COMPLIANCE

- cULus certified type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD51-2013
- Wet location listed and IP44 ingress protection
- Airtight per ASTM E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference "Certified Light Fixtures" database

WARRANTY

- Five year limited warranty, consult website for details. www.eaton.com/lighting/legal



HLA4

4-Inch LED Directional with Remote Driver / Junction Box

Flood (FL) or Very Wide Flood (VWFL)

Round or Square Flange

Up to 700 Lumens
Field Selectable CCT

Meets ENERGY STAR® Certified Products and Can be used to comply with California Title 24 High Efficacy requirements
Certified to California Appliance Efficiency Database under JA8

ENERGY DATA	
Lumens	800 Series
Input Voltage	120V
Input Current	90 (mA)
Input Power	10.5 (W)
Efficiency	80 (LPW)
Inrush (A)	15.6 @ 50mS
THD	≤ 20%
PF	≥ 0.90
T Ambient	-30° - +40°C
Sound Rating	≤ 30 dba

COOPER
Lighting Solutions