Round Series | ADL-R06-DI
LED Luminaire

**Ordering Guide** (choose from the lists below and specify)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>STYLE</th>
<th>DISTRIBUTION</th>
<th>SHIELDING</th>
<th>DELIVERED LUMENS</th>
<th>SIZE</th>
<th>MOUNTING</th>
<th>FINISH</th>
<th>OPTIONS</th>
</tr>
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<tbody>
<tr>
<td>ADL</td>
<td>RO6</td>
<td>DI = Direct/Indirect</td>
<td>WRA = White Ribbed Acrylic Lens</td>
<td>LO = 645 ft Indirect 615 ft Direct</td>
<td>4 ft</td>
<td>AC = Aircraft Cable (standard)</td>
<td>W = White</td>
<td>DIM10 = 0-10V 1% Dimming</td>
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<td></td>
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<td></td>
<td>500 ft 3000K</td>
<td>6 ft</td>
<td>PD = Pendant Stem (standard)</td>
<td>CC = Custom Color</td>
<td>DIMSR = 0-10V Sensor Ready</td>
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</table>

**Housing:** Extruded aluminum housing. Joiner ends are notched for continuous appearance in row-mounted applications. Machined end-caps.

**Reflector:** Extruded aluminum finished in highly reflective baked white enamel.

**Shielding:** LED optimized white acrylic ribbed lens (WRA) is standard.

**LEDs:** LED modules in 27/30/35/40 & 50K CCT, 80 CRI (90CRI available). Lumen maintenance minimum L70 = 50,000 hours. 3 SDCM color consistency. Zhaga compliant (Book 7). Field replaceable.

**Electrical:** Pre-wired Class 2 AOC electronic driver, 120/277V input, PF > 90%, THD < 20 @ 120V. 0-10V dimming to 1%. -20C to +50C operating range. <24dB Class A sound rating.

**Mounting:** Standard options include adjustable self-locking aircraft cables (AC), and rigid pendant stems (PD). AC assembly is 48” x 1/16” with a 5” canopy, and a 16/4 SJT straight 54” cord per power feed location. Additional options available.

**Finish:** Aluminum fixture housing and steel components are finished in baked white enamel applied over a five-stage pretreatment process. Canopies and pendant stems are white enamel unless otherwise specified.

**Certification:** Luminaires are cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Suitable for dry & damp locations. Union Made in the United States of America. I.B.E.W. RoHS compliant.

180CRI standard, 90CRI available. LM-80 data available on request. Consult factory for 2700K CCT, HO lumen packages, tunable white light and RGB/W color changing options.

*Delivered Lumens are Low Output (LO), Standard Output (SO) and High Output (HO) at 80+CRI 4000K CCT with LED optimized acrylic ribbed lens (ARL). Use the following multiplier to estimate delivered lumens at other CCTs: 2700K = 0.94, 3000K = 0.96, 3500K = 0.98, 5000K = 1.02. All values nominal.

*See page 2 for actual fixture lengths and suspension locations.

*For additional suspension mounting options and recessed options see www.dayolite.com.

*See page 2 for the complete list of LED options including Lutron, emergency battery back-up (EPC) and other driver/control options.

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LED Options

0-10V DIMMING DRIVERS
DIM10 = 0-10V (1.0%)  
DIM100 = 0-10V (0.1%) Fade-to-Off  
DIMST = Step Dimming (40%/100%)  
DALI = Digital Addressable Lighting Interface

LUTRON™ DIMMING DRIVERS
LDE1 = Hi-Lume™ 1%-H EcoSystem™  
LDE5 = 5-Series 5% EcoSystem™  
L3DAE = Hi-Lume™ 1% EcoSystem™  
L3DA3W = Hi-Lume™ 1% 3-Wire  
LTEA2W = Hi-Lume™ 1% 2-Wire FFC

LUTRON™ WIRELESS MODULES
FCJECC = EcoSystem™ Wireless RF  
FCJD = EcoSystem™ Wireless RF  
FCJD010 = EcoSystem™ Wireless RF

OPTIONS NOTES:
1. Standard 0-10V 1% with linear dimming curve. Add “LOG” to option code for 0-10V 1% logarithmic dimming curve.
2. Philips™ Xitanium™ Sensor Ready driver for use with integrated wireless sensors including Philips™ EasySense™, Enlighted™, EnOcean™, Digital Lumens™ and others.
4. 120V two-wire forward phase control only.
5. Delivered emergency lumens for SI lens option only. For other lens options multiply specific fixture LPW (below) by EPC wattage.

EMERGENCY BATTERY PACK (EPC)

| EPC1 | (1W) 130 Delivered Lumens |
| EPC3 | (3W) 400 Delivered Lumens |
| EPC5 | (5W) 580 Delivered Lumens |
| EPC7 | (7W) 840 Delivered Lumens |
| EPC10 | (10W) 1200 Delivered Lumens |
| EPC12 | (12W) 1440 Delivered Lumens |

GTD = Generator Transfer Device  
EMC = Emergency Circuit

SENSOR OPTIONS

ESN = Philips™ EasySense  
DAY = Daylight Harvesting Sensor  
OCC = Occupancy Sensor

ADDITIONAL OPTIONS

9CR = 90 Color Rendering Index  
TWH = Tunable White LED  
RGB/W = Dynamic Color Changing

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Linear Sections and Suspension Location

CORNERS

For any angular corner, ( )º must be specified and dimensions must be included on the layout.  
For any pattern, a layout must accompany the order.

Photometry

CANDELA DISTRIBUTION

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Installation Detail

TYPICAL JOINT

Adjustable Mounting Cable  
Acrylic Ribbed Lens (ARL)  
Extruded Aluminum Housing

4000K CCT  
WATTS: 56  
LUMENS: 6744  
LPW: 120  
Optical Distribution: 49% Direct, 51% Indirect

For .IES files please visit the ADL-RO6-DI page at www.dayolite.com

Day-O-Lite is a Lutron Advantage OEM Program Partner. Lutron drivers are backed by a 10 year warranty. For more information on Lutron™ LED drivers and controls please visit www.lutron.com.