

#### **FEATURES & SPECIFICATIONS**

INTENDED USE — Ideal one-for-one replacement of traditional HID and fluorescent lighting. For use in Industrial applications including warehousing, retail spaces, and manufacturing environments with mounting heights ranging from 10' +. Certain airborne contaminants can diminish integrity of acrylic and LED's. Click here for Polycarbonate Environmental Compatibility table for suitable uses.

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.

**CONSTRUCTION** — REBL features patent pending micro-prism optics that deliver uniform and comfortable illumination across the entire space. The rugged diecast aluminum housing and the polycarbonate lens are IK10 impact rated, providing protection from flying objects without the need for a wireguard. Available in four switchable lumen package options and two color temperature options (3500K/4000K/5000K up to 30,000 lumens, 4000K/5000K for 30,000 to 55,000 lumens). Medium distribution lens comes standard with stock items.

FINISH — Black and white finishes available.

**ELECTRICAL** — High-efficiency LEDs provide up to 187 LPW. Thermally protected driver standard with 0-10V continuous dimming allowing for 10% to 100% dimming capability. Fixture comes with standard 6′ power cord and 6′ low voltage dimming cords. Projected lumen maintenance L70 > 100,000 hours. Luminaire surge protection level: designed to withstand up to 6kV/3kA per ANSI C82.77-5-2015.

**INSTALLATION** — Fixture includes patented flip hook with safety latch. The hook can be flipped down and mounted with the ¾ inch NPT threaded pendant mount. Optional surface mount bracket available.

**LISTINGS** — UL/C-UL listed to US and Canadian safety standards. Wet location listed. IP66, NEMA Type 4X, and NSF Splash Zone 2 rated. Designed for use in ambient temperatures ranging from -40°C to 55°C when suspended 18" from ceiling.

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at <a href="www.designlights.org/QPL">www.designlights.org/QPL</a> to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <a href="https://www.acuitybrands.com/support/warranty/terms-and-conditions">www.acuitybrands.com/support/warranty/terms-and-conditions</a>

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. The product images shown are for illustration purposes only and may not be an exact representation of the product.

 $Specifications \ subject \ to \ change \ without \ notice.$ 

Catalog Number			
Notes			
Туре			

**LED Round High Bay** 

# REBL









**REBL** with Sensor

















Stock Part Number	Stock Part Number Cl Code	UPC	Pallet Quantity
REBL ALO13 UVOLT SWW3 80CRI DWH M2	*28753U	00197590119349	72
REBL ALO13 UVOLT SWW3 80CRI DBL M2	*28753Y	00197590119332	54
REBL ALO16 UVOLT SWW3 80CRI DWH M2	*28754C	00197590119370	36
REBL ALO16 UVOLT SWW3 80CRI DBL M2	*28754E	00197590119394	36
REBL ALO27 UVOLT SWW9 80CRI DWH M2	*28754J	00197590119417	36
REBL ALO28 UVOLT SWW9 80CRI DWH M2	*28754R	00197590119493	24
REBL ALO13 XVOLT SWW3 80CRI DWH M2	*28754V	00197590119523	72
REBL ALO16 XVOLT SWW3 80CRI DWH M2	*28754X	00197590119554	36
REBL ALO28 XVOLT SWW9 80CRI DWH M2	*28755C	00197590119578	32

Field Installable Sensors					
Stock Part Numbers	Description				
TLS WH	*289JT6	197590692934	Twist-to-Lock Sensor, White		
TLS BK	*289JT8	197590692958	Twist-to-Lock Sensor, Black		

ds design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit <a href="https://www.acuitybrands.com/designselect">www.acuitybrands.com/designselect</a>. \*See ordering tree for details

## **REBL** LED Round High Bay





ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: REBL ALO16 WD UVOLT SWW3 80CRITLS DWH

REBL	(Blank) Standard hook with 3/4" pendant mount PSB Pendant splice box ‡	AL013 12000LM/15000LM/ 18000LM AL016 24000LM/27000LM/ 30000LM AL027 30000LM/35000LM/ 40000LM ‡ AL028 35000LM/45000LM/ 55000LM ‡	ND Narrow distribution MD Medium distribution # WD Wide distribution	Voltage	Color Temperature (Switchable White) \$  SWW9 40K/50K \$  SWW3 35K/40K/50K \$

Color Rendering Index	Options	Controls	Finish
80CRI 80 CRI	Cordsets: \$  (blank) 6' power cord and 6' dimming leads  CPSBW 6' white damp location cord with 15 amp straight blade plug (voltage will match fixture)  CPSB 6' black damp location cord with 15 amp straight blade plug (voltage will match fixture)  CPTLW 6' white damp location cord with 15 amp twist-lock plug (voltage will match fixture)  CPTL 6' black damp location cord with 15 amp twist-lock plug (voltage will match fixture)  CPTL20AW 6' white damp location cord with 20 amp twist-lock plug (voltage will match fixture)  CPTL20A 6' black damp location cord with 20 amp twist-lock plug (voltage will match fixture)  L/DIM Less dimming leads  Reloc:  OCS RELOC® OnePass® selectable cable 6' installed \$  Individual Controls:  TLS PIR Motion Sensor	NLTAIR2 APIR   nLight AIR (wireless) gen2 control device with low mount occupancy and daylight sensor, mounting height 8' - 20'  NLTAIR2 APIRH  nLight AIR (wireless) gen2 control device with high mount occupancy and daylight sensor, mounting height 10' - 40'  NLTAIR2 APIRA  nLight AIR (wireless) gen2 control device with aisleway mount occupancy and daylight sensor, mounting height 10' - 40'  NLTAIREM2 APIR  nLight AIR (wireless) gen2 control device with low mount occupancy and daylight sensor, with UL924 listed emergency operation, mounting height 8' - 20'  NLTAIREM2 APIRH  nLight AIR (wireless) gen2 control device with high mount occupancy and daylight sensor, with UL924 listed emergency operation, mounting height 10' - 40'  NLTAIREM2 APIRA  nLight AIR (wireless) gen2 control device with aisleway mount occupancy and daylight sensor, with UL924 listed emergency operation, mounting height 10' - 40'	DWH Gloss White DBL Matte Black ‡

‡ Option Value Ordering Restrictions				
Option Value	Ordering Restrictions			
AL027	Not available with XVOLT driver options.			
AL028	ALO28 UVOLT with NLTAIR2 needs 1 NPS (RPP20 Power Pack) per emergency group.			
Color Temperature	SWW9 (40K/50K) only available in ALO27 and ALO28, SWW3 (35K/40K/50K) only available in ALO13 and ALO16.			
Cordsets	See NEMA configuration chart on page 3. Must specify voltage, not available XVOLT or UVOLT. Not for use with battery pack. Some factory configured options may impact NSF and NEMA Type 4X, consult with factory representative. PSB required for any cord length other than 6'.			
DBL	Available with ALO13 and ALO16 only. Not available with XVOLT.			
MD	Please use stock product listed on page one unless mounting or other option is selected.			
OCS, OCS10	Requires PSB option. Dry location only. Not available UVOLT or XVOLT. Not NEMA Type 4X or NSF rated.			
PSB	PSB finish will match fixture finish. Required for any cord length other than 6'.			
RBAY BLDE40WCP M4	Ambient Temperature rating 5°C-50°C (41°F-22°F). Not NSF rated. For use with 100-347V only.			
SWW3	Available with ALO13 and ALO16 only.			
SWW9	Available with ALO27 and ALO28 only.			

### **REBL** LED Round High Bay

#### Accessories (Field installable only): Order as separate catalog number

RBAY BLDE40WCP M4 Field Installable 40 watt emergency battery pack ‡
TLS WH Field Installable PIR Sensor, White
TLS BK Field Installable PIR Sensor, Black

REBLPCLR1 U Clear polycarbonate reflector for AL013
REBLPCLR2 U Clear polycarbonate reflector for AL016
REBLPCLR1 J10 Clear polycarbonate reflector for AL013, job pack 10

REBLPCLR2 J10 Clear polycarbonate reflector for ALO16, job pack 10
REBLPCLR4 J5 Clear polycarbonate reflector for ALO28, job pack 5
REBLPCLR4 U Clear polycarbonate reflector for ALO28, unit pack

JCBLSC120 10' safety cable
JCBLSC240 20' safety cable
IWP Infrared Wireless Remote

Mounting:

REBLSMB2 DWH M10

REBLSMB2 DBL M10

REBLSMB1 DWH M10 Surface mount bracket for ALO13, gloss white REBLSMB1 DBL M10 Surface mount bracket for ALO13, matte black

Surface mount bracket for ALO16, ALO27, ALO28, gloss white Surface mount bracket for ALO16, ALO27, ALO28, matte black

Loop, male, damp location

#### **ACCESSORIES**



Surface Mount Bracket (REBLSMB)



REBL with RBAY BLDE40WCP M4 (field installable only)



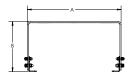
Polycarbonate Reflector (REBLPCLR)



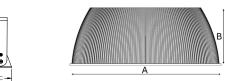
**REBL** with nLight Sensor



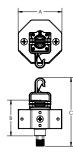
REBL with PSB factory installed



SMB

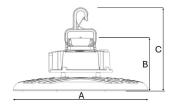


**Polycarbonate Reflector** available on ALO13, ALO16, and ALO28 models



PSB

Accessory	A	В	C	For use with
PSB	5.75"	4.69"	9.07"	All Sizes
REBLSMB1	12.28"	6.56"	2.76"	AL013
REBLSMB2	9.65"	6.50"	2.76"	AL016, AL027 or AL028
REBLPLCR1	16.14"	6.16"		AL013
REBLPCLR2	18.70"	6.16"		AL016
REBLPCLR4	22.05"	7.54"		AL028



Lumens	A	В	C	Weight
package	Dimensions s	shown in inches (	Shown in pounds (kg)	
AL013	12.2 (31)	4.8 (12.2)	7.5 (19.1)	6.2 (2.8)
AL016	14.6 (37.1)	5 (12.7)	7.7 (19.6)	8.2 (3.7)
AL027	15.7 (39.9)	5.4 (13.7)	8.1 (20.6)	10.6 (4.8)
ALO28	17.1 (43.4)	5.6 (14.2)	8.3 (21.1)	12.8 (5.8)

REBL with hook shown in the up position

### **REBL** LED Round High Bay

#### CORD SET ORDERING INFORMATION

#### Cord sets cannot be ordered as accessories

Plug Option	Plug type	Amperage**	Gauge	# of conductors	Color	Location	Length****
CNP Cord Only CP Cord with Plug	(blank) No Plug Option (for Cord Only option)  TL Locking Type  SB Straight blade*	(blank) 15 amps 20A 20 amps***	(blank) 18 gauge standard	(blank) 3 conductors (blk/wht/grn)  4C 4 conductors; Use with Battery option when unswitched hot is needed  5C 5 conductors; Use when fixture has 2 drivers and separate operation is required  5CD 5 conductors; Use with dimming driver when dimming leads are desired (Not for use with dimming sensors)	W White	(blank) Damp Location	(blank) 6 feet 3FT 3 feet 10FT 10 feet 12FT 12 feet 15FT 15 feet 20FT 20 feet

<sup>\*</sup> Straight blade on available with 120, 208, 240, and 277 volt.

\*\* Amperage is only configurable for cords with plugs.

\*\*\* 20A required with 347 and 480 volt.

\*\*\*\* Not available with plugs.

<sup>\*\*\*\*\*</sup> Available in 1' increments from 1 to 30 feet.

LAT		18000LM		30000LM		40000LM	5500	OLM
LAI		UVOLT	XVOLT	UVOLT	XVOLT	UVOLT	UVOLT	XVOLT
-30°C	-22°F	1.057	1.046	1.044	1.044	1.043	1.042	1.041
-20°C	-4°F	1.053	1.037	1.039	1.040	1.040	1.039	1.034
-10°C	14°F	1.051	1.031	1.033	1.035	1.036	1.033	1.028
0°C	32°F	1.023	1.018	1.022	1.021	1.027	1.025	1.020
10°C	50°F	1.016	1.010	1.012	1.013	1.016	1.018	1.013
20°C	68°F	1.008	1.012	1.002	1.003	1.006	1.006	1.005
25°C	77°F	1.000	1.000	1.000	1.000	1.000	1.000	1.000
30°C	86°F	0.996	0.992	0.991	0.992	0.991	0.992	0.990
40°C	104°F	0.984	0.971	0.986	0.983	0.983	0.985	0.984
50°C	122°F	0.973	0.959	0.977	0.976	0.977	0.976	0.978

#### **PHOTOMETRICS**

See  $\underline{www.acuitybrands.com}.$ 

#### **PERFORMANCE TABLE**

	Micro-prism Optics, Medium distribution						
	Voltage	Lumen Package	Wattage (W)	Color Temperature	Lumen Output	LPW @ 4000K	
	UVOLT (120 - 347V) ALO13 XVOLT (277-480V)	12000LM	80	3500K 4000K 5000K	12693 13602 13144	170	
ALO13		15000LM	98	3500K 3500K 4000K 5000K	14914 16331 15651	166	
		18000LM	117	3500K 4000K 5000K	17024 18852 17808	161	
	111017	24000LM	150	3500K 4000K 5000K	23841 25488 24536	170	
AL016	UVOLT (120 - 347V) XVOLT (277-480V)	(120 - 347V) XVOLT	27000LM	169	3500K 4000K 5000K	26111 28314 27037	167
			30000LM	190	3500K 4000K 5000K	28625 31271 29480	164
		30000LM	167	4000K 5000K	31413 30718	187	
AL027	UVOLT (120 - 347V)	35000LM	197	4000K 5000K	36437 35440	184	
		40000LM	232	4000K 5000K	41704 39950	180	
	UVOLT (120, 247V)	35000LM	197	4000K 5000K	36705 36028	186	
AL028	(120 - 347V) XVOLT	45000LM	257	4000K 5000K	46827 45580	182	
	(277-480V)	55000LM	316	4000K 5000K	56498 53702	178	

#### **NEMA CONFIGURATION PLUGS**

Voltage	Configuration				
	Twist lock	Straight blade			
120	L5-15P	5-15P			
208	L6-15P	N/A			
240	L6-15P	N/A			
277	L7-15P	N/A			
347	L24-20P	N/A			
480	L8-20P	N/A			

#### **SCALING FACTOR TABLE**

Distribution	Multiplier
ND	0.99
MD	1.00
WD	0.99
With Reflector	0.96
Uplight at 4000K	2%

	Sensor Function	Sensor Used	Out of the box settings						
Control Input			Unoccupied Time Until Dim	Dim to Off Time Delay	Occupied Dim Level	Unoccupied Dim Level	Daylighting Set Point	lmage	
	APIR	RMSOD 7	7.5 min						100
NLTAIR2	APIRH	RMSOD 45		5 minutes	100%	30%	5 fc		
	APIRA	RMSOD 45A							
	APIR	RMSOD 7 EM							
NLTAIREM2	APIRH	RMSOD 45 EM							
	APIRA	RMSOD 45A EM							

#### **BATTERY OPERATIONAL DATA**

Model	Input Voltage	Input Current	Input Power	Emergency Time	Output Voltage	Output power	Battery Type	Ambient Temp
RBAY BLDE40WCP M4	100-347Vac 50/60Hz	≤200mA	15W	90minutes	170Vdc	40W	Li-ion	5°C-50°C