

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 www.designlights.org/QPL 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: www.acuitybrands.com/support/warranty/terms-and-conditions

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
Type

LED Round High Bay

REBL



REBL with Sensor



Stock Part Number	Stock Part Number CI 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	Stock Part Number CI Code	UPC	Description
TLS WH	*289JT6	197590692934	Twist-to-Lock Sensor, White
TLS BK	*289JT8	197590692958	Twist-to-Lock Sensor, Black



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 www.acuitybrands.com/designselect.

*See ordering tree for details

REBL LED Round High Bay



Design Select options indicated by this color background.



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ORDERING INFORMATION

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

Example: REBL ALO16 WD UVOLT SWW3 80CRI TLS DWH

Series	Mounting	Switchable Lumens	Distribution	Voltage	Color Temperature (Switchable White) ‡
REBL	(Blank) Standard hook with 3/4" pendant mount PSB Pendant splice box ‡	ALO13 12000LM/15000LM/18000LM	ND Narrow distribution	UVOLT 120-347V, UVOLT driver, 50/60Hz	SWW9 40K/50K ‡
		ALO16 24000LM/27000LM/30000LM	MD Medium distribution ‡	XVOLT 277-480V, XVOLT driver, 50/60Hz	SWW3 35K/40K/50K ‡
		ALO27 30000LM/35000LM/40000LM ‡	WD Wide distribution	120 120V UVOLT driver, 50/60Hz	
		ALO28 35000LM/45000LM/55000LM ‡		208 208V UVOLT driver, 50/60Hz	
				240 240V UVOLT driver, 50/60Hz	
				277 277V UVOLT driver, 50/60Hz	
				347 347V UVOLT driver, 50/60Hz	
				277X 277V XVOLT driver, 50/60Hz	
				347X 347V XVOLT driver, 50/60Hz	
				480X 480V XVOLT driver, 50/60Hz	

Color Rendering Index	Options	Controls	Finish
80CRI 80 CRI	<p><u>Cordsets:</u> ‡</p> <p>(blank) 6' power cord and 6' dimming leads</p> <p>CPSBW 6' white damp location cord with 15 amp straight blade plug (voltage will match fixture)</p> <p>CPSB 6' black damp location cord with 15 amp straight blade plug (voltage will match fixture)</p> <p>CPTLW 6' white damp location cord with 15 amp twist-lock plug (voltage will match fixture)</p> <p>CPTL 6' black damp location cord with 15 amp twist-lock plug (voltage will match fixture)</p> <p>CPTL20AW 6' white damp location cord with 20 amp twist-lock plug (voltage will match fixture)</p> <p>CPTL20A 6' black damp location cord with 20 amp twist-lock plug (voltage will match fixture)</p> <p>L/DIM Less dimming leads</p> <p><u>Reloc:</u></p> <p>OCS RELOC® OnePass® selectable cable 6' installed ‡</p> <p>OCS10 RELOC® OnePass® selectable cable 10' installed ‡</p> <p><u>Individual Controls:</u></p> <p>TLS PIR Motion Sensor</p>	<p>NLTAIR2 APIR nLight AIR (wireless) gen2 control device with low mount occupancy and daylight sensor, mounting height 8' - 20'</p> <p>NLTAIR2 APIRH nLight AIR (wireless) gen2 control device with high mount occupancy and daylight sensor, mounting height 10' - 40'</p> <p>NLTAIR2 APIRA nLight AIR (wireless) gen2 control device with aisleway mount occupancy and daylight sensor, mounting height 10' - 40'</p> <p>NLTAIREM2 APIR nLight AIR (wireless) gen2 control device with low mount occupancy and daylight sensor, with UL924 listed emergency operation, mounting height 8' - 20'</p> <p>NLTAIREM2 APIRH nLight AIR (wireless) gen2 control device with high mount occupancy and daylight sensor, with UL924 listed emergency operation, mounting height 10' - 40'</p> <p>NLTAIREM2 APIRA nLight AIR (wireless) gen2 control device with aisleway mount occupancy and daylight sensor, with UL924 listed emergency operation, mounting height 10' - 40'</p>	<p>DWH Gloss White</p> <p>DBL Matte Black ‡</p>

‡ Option Value Ordering Restrictions	
Option Value	Ordering Restrictions
ALO27	Not available with XVOLT driver options.
ALO28	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 ‡	Mounting:	
TLS WH	Field Installable PIR Sensor, White	RELSMB1 DWH M10	Surface mount bracket for AL013, gloss white
TLS BK	Field Installable PIR Sensor, Black	RELSMB1 DBL M10	Surface mount bracket for AL013, matte black
REBLPCLR1 U	Clear polycarbonate reflector for AL013	RELSMB2 DWH M10	Surface mount bracket for AL016, AL027, AL028, gloss white
REBLPCLR2 U	Clear polycarbonate reflector for AL016	RELSMB2 DBL M10	Surface mount bracket for AL016, AL027, AL028, matte black
REBLPCLR1 J10	Clear polycarbonate reflector for AL013, job pack 10	LPM	Loop, male, damp location
REBLPCLR2 J10	Clear polycarbonate reflector for AL016, job pack 10		
REBLPCLR4 J5	Clear polycarbonate reflector for AL028, job pack 5		
REBLPCLR4 U	Clear polycarbonate reflector for AL028, unit pack		
JCLSC120	10' safety cable		
JCLSC240	20' safety cable		
IWP	Infrared Wireless Remote		

ACCESSORIES

Surface Mount Bracket (RELSMB)

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 AL013, AL016, and AL028 models

PSB

Accessory	A	B	C	For use with
PSB	5.75"	4.69"	9.07"	All Sizes
RELSMB1	12.28"	6.56"	2.76"	AL013
RELSMB2	9.65"	6.50"	2.76"	AL016, AL027 or AL028
REBLPCLR1	16.14"	6.16"		AL013
REBLPCLR2	18.70"	6.16"		AL016
REBLPCLR4	22.05"	7.54"		AL028

REBL with hook
shown in the up position

Lumens package	A	B	C	Weight
	Dimensions shown in inches (centimeters)			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)
AL028	17.1 (43.4)	5.6 (14.2)	8.3 (21.1)	12.8 (5.8)

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

* 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.
***** Available in 1' increments from 1 to 30 feet.

LAT		18000LM		30000LM		40000LM	55000LM	
		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

REBL LED Round High Bay

PHOTOMETRICS

See www.acuitybrands.com.

PERFORMANCE TABLE


Micro-prism Optics, Medium distribution						
	Voltage	Lumen Package	Wattage (W)	Color Temperature	Lumen Output	LPW @ 4000K
AL013	UVOLT (120 - 347V) XVOLT (277-480V)	12000LM	80	3500K	12693	170
				4000K	13602	
				5000K	13144	
		15000LM	98	3500K	14914	166
				4000K	16331	
				5000K	15651	
		18000LM	117	3500K	17024	161
				4000K	18852	
				5000K	17808	
AL016	UVOLT (120 - 347V) XVOLT (277-480V)	24000LM	150	3500K	23841	170
				4000K	25488	
				5000K	24536	
		27000LM	169	3500K	26111	167
				4000K	28314	
				5000K	27037	
		30000LM	190	3500K	28625	164
				4000K	31271	
				5000K	29480	
AL027	UVOLT (120 - 347V)	30000LM	167	4000K	31413	187
				5000K	30718	
		35000LM	197	4000K	36437	184
				5000K	35440	
		40000LM	232	4000K	41704	180
				5000K	39950	
AL028	UVOLT (120 - 347V) XVOLT (277-480V)	35000LM	197	4000K	36705	186
				5000K	36028	
		45000LM	257	4000K	46827	182
				5000K	45580	
		55000LM	316	4000K	56498	178
				5000K	53702	

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%

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