

AED3250

RAB  
LIGHTING

**Technical Specifications (continued)**

**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, other performance and feature finish.

**Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's NEW Local 3 workers.

**Buy American Act Compliance:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

**Recovery Act (ARRA) Compliant:**

This product complies with the ARRA 2009 "Thousand Use of American Iron, Steel, and Manufactured Goods: Buy American Act—Construction Materials (October 2005).

**GSA Schedule:**

Schedule in accordance with FAR Subject 29.4.

**Equivalency:**

Replaces 2009 Intellicore Hybrid.

**Optical:**

**Beam Rating:**

BI UG 02

**Dimensions**

**Features**

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- Type III distribution
- 5-year warranty

**Ordering Matrix**

Family	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Protocol	Dimming	Sensor	Bi-Level
ALED										
2T = 1 Type III	50 = 50W	Blank = Blank	Blank = Blank	Blank = Blank	Blank = No	Blank = No	Blank = No	Blank = No	Blank = No	Blank = No
3T = 3 Type III	100W = 100W	Black = Black	Black = Black	Black = Black	Black = No	Black = No	Black = No	Black = No	Black = No	
4T = 4 Type IV	150W = 150W	SP = SP	SP = SP	SP = SP	SP = No	SP = No	SP = No	SP = No	SP = No	
		White = White	White = White	White = White	White = No	White = No	White = No	White = No	White = No	
		Grey = Grey	Grey = Grey	Grey = Grey	Grey = No	Grey = No	Grey = No	Grey = No	Grey = No	
		Blue = Blue	Blue = Blue	Blue = Blue	Blue = No	Blue = No	Blue = No	Blue = No	Blue = No	
		Red = Red	Red = Red	Red = Red	Red = No	Red = No	Red = No	Red = No	Red = No	
		Green = Green	Green = Green	Green = Green	Green = No	Green = No	Green = No	Green = No	Green = No	
		Orange = Orange	Orange = Orange	Orange = Orange	Orange = No	Orange = No	Orange = No	Orange = No	Orange = No	
		Purple = Purple	Purple = Purple	Purple = Purple	Purple = No	Purple = No	Purple = No	Purple = No	Purple = No	
		Yellow = Yellow	Yellow = Yellow	Yellow = Yellow	Yellow = No	Yellow = No	Yellow = No	Yellow = No	Yellow = No	
		Light Blue = Light Blue	Light Blue = Light Blue	Light Blue = Light Blue	Light Blue = No	Light Blue = No	Light Blue = No	Light Blue = No	Light Blue = No	
		Light Green = Light Green	Light Green = Light Green	Light Green = Light Green	Light Green = No	Light Green = No	Light Green = No	Light Green = No	Light Green = No	
		Light Orange = Light Orange	Light Orange = Light Orange	Light Orange = Light Orange	Light Orange = No	Light Orange = No	Light Orange = No	Light Orange = No	Light Orange = No	
		Light Purple = Light Purple	Light Purple = Light Purple	Light Purple = Light Purple	Light Purple = No	Light Purple = No	Light Purple = No	Light Purple = No	Light Purple = No	
		Light Yellow = Light Yellow	Light Yellow = Light Yellow	Light Yellow = Light Yellow	Light Yellow = No	Light Yellow = No	Light Yellow = No	Light Yellow = No	Light Yellow = No	
		Light Red = Light Red	Light Red = Light Red	Light Red = Light Red	Light Red = No	Light Red = No	Light Red = No	Light Red = No	Light Red = No	
		Light Grey = Light Grey	Light Grey = Light Grey	Light Grey = Light Grey	Light Grey = No	Light Grey = No	Light Grey = No	Light Grey = No	Light Grey = No	
		Light Black = Light Black	Light Black = Light Black	Light Black = Light Black	Light Black = No	Light Black = No	Light Black = No	Light Black = No	Light Black = No	
		Light White = Light White	Light White = Light White	Light White = Light White	Light White = No	Light White = No	Light White = No	Light White = No	Light White = No	
		Light Brown = Light Brown	Light Brown = Light Brown	Light Brown = Light Brown	Light Brown = No	Light Brown = No	Light Brown = No	Light Brown = No	Light Brown = No	
		Light Tan = Light Tan	Light Tan = Light Tan	Light Tan = Light Tan	Light Tan = No	Light Tan = No	Light Tan = No	Light Tan = No	Light Tan = No	
		Light Gold = Light Gold	Light Gold = Light Gold	Light Gold = Light Gold	Light Gold = No	Light Gold = No	Light Gold = No	Light Gold = No	Light Gold = No	
		Light Silver = Light Silver	Light Silver = Light Silver	Light Silver = Light Silver	Light Silver = No	Light Silver = No	Light Silver = No	Light Silver = No	Light Silver = No	
		Light Bronze = Light Bronze	Light Bronze = Light Bronze	Light Bronze = Light Bronze	Light Bronze = No	Light Bronze = No	Light Bronze = No	Light Bronze = No	Light Bronze = No	
		Light Copper = Light Copper	Light Copper = Light Copper	Light Copper = Light Copper	Light Copper = No	Light Copper = No	Light Copper = No	Light Copper = No	Light Copper = No	
		Light Steel = Light Steel	Light Steel = Light Steel	Light Steel = Light Steel	Light Steel = No	Light Steel = No	Light Steel = No	Light Steel = No	Light Steel = No	
		Light Zinc = Light Zinc	Light Zinc = Light Zinc	Light Zinc = Light Zinc	Light Zinc = No	Light Zinc = No	Light Zinc = No	Light Zinc = No	Light Zinc = No	
		Light Nickel = Light Nickel	Light Nickel = Light Nickel	Light Nickel = Light Nickel	Light Nickel = No	Light Nickel = No	Light Nickel = No	Light Nickel = No	Light Nickel = No	
		Light Aluminum = Light Aluminum	Light Aluminum = Light Aluminum	Light Aluminum = Light Aluminum	Light Aluminum = No	Light Aluminum = No	Light Aluminum = No	Light Aluminum = No	Light Aluminum = No	
		Light Titanium = Light Titanium	Light Titanium = Light Titanium	Light Titanium = Light Titanium	Light Titanium = No	Light Titanium = No	Light Titanium = No	Light Titanium = No	Light Titanium = No	
		Light Carbon = Light Carbon	Light Carbon = Light Carbon	Light Carbon = Light Carbon	Light Carbon = No	Light Carbon = No	Light Carbon = No	Light Carbon = No	Light Carbon = No	
		Light Silicon = Light Silicon	Light Silicon = Light Silicon	Light Silicon = Light Silicon	Light Silicon =					

AL4D150

**RAB**  
LIGHTING

## Technical Specifications (continued)

### 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.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's BTRV Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

### Recovery Act (ARRA) Compliant:

This product complies with the EIS 225-21 "Required Use of American Iron, Steel, and Manufactured Goods—Buy American Act—Construction Materials (October 2010).

#### GSX Schedule:

Submits in accordance with FAR Part 25.4.

#### Equivalency:

Requires 2009 Metal Halls.

### Optical

#### BUG Rating:

80 uft 62

### Dimensions

### Features

- 66% energy cost savings vs. HD
- 100,000-hour LED lifespan
- Type IV distribution
- 5-year warranty

## Ordering Matrix

Family	LED	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Protocols	Dimming	Sensor	BI-Level	
AL4D	2T	Type II	50	Blank	Blank	Blank	Blank	Blank	Blank	No	Blank	No
	3T	Type III	50W	Arm	5000K	Bronze	120-277V	Protocol	IGC	No	Blank	No
	4T	Type IV	80W	SP	5000K	White	120-277V	Protocol	IGC	No	Blank	No
				Up/Down	Y = 3000K (HeatSink)	White	480V	Button	On/Off	Dimmable	Blank	Level
				N = 4000K (HeatSink)		Gray		IGC2 = 277V Switch				
								IGC3 = 277V Switch				
AL4D								IGC1 = 1-10V 277V Touchlock				
								IGC4 = 480V Switch				
								IGC4 = 480V Touchlock				

Need help? Tech help line: (888) RAB-1980 Email: [sales@rabweb.com](mailto:sales@rabweb.com) Website: [www.rabweb.com](http://www.rabweb.com)

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Scale: 1 inch = 50 Ft.

NOTE: LIGHTING FIXTURES ARE POLE MOUNTED - 20' HIGH (TYP)

REFER TO SITE PLAN FOR BUILDING MOUNTED LIGHT FIXTURES AT EXTERIOR DOORS

6 LIGHT POLE BASE DETAIL  
NOT TO SCALE

NOTE:  
1. PROVIDE 24" CONCRETE FOUNDATION REVEAL FOR ALL FIXTURES WITHIN PARKING AREAS. ALL OTHER AREAS SHALL BE INSTALLED FLUSH.  
2. CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3,500 PSI, WITH AIR-ENTAINMENT OF 5-7%.  
3. COLOR OF LUMINAIRE SHALL MATCH COLOR OF POLE

1" CHAMFER  
ANCHOR BOLTS PER MANUF. SPECS.  
7 #4 HOOPS 12" O.C. WITH 12" MIN. LAP  
8 #6 BARS SET VERTICALLY ALL AROUND EQUALLY SPACED ON A 24" CIRCLE AND WITH 2 1/2" OF COVER  
2" MIN. DIA. HEAVY DUTY, PVC CONDUIT  
90° SWEEP (R-24") AS REQUIRED  
CONDUIT ADAPTER COUPLING

SEE NOTE #1  
FINISHED GRADE  
5'-0" MIN  
1'-0"  
UNDISTURBED GROUND  
CLASS A CONCRETE (3,500 PSI)  
30" ROUND

**RAB**  
LIGHTING  
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Prepared For:  
Osterman Fox and Associates  
2801 Court St, Suite C2  
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Job Name:  
Edgewater  
Lighting Layout  
Version B

Scale as noted  
Date: 9/18/2017  
Filename: Edgewater Layout 00131191B.AGI  
Drawn By: Patrick Calabrese

Case #00131191B  
File: Edgewater Layout 00131191B.AGI

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NOTE: THE MANUFACTURERS DO NOT PROVIDE PHOTOMETRIC INFORMATION FOR THESE FIXTURES. FIXTURES ARE SHIELDED TO AVOID LIGHT SPILLAGE ONTO ADJACENT PROPERTIES, AND TO SHIELD FROM LIGHT PROJECTING UPWARD TO THE SKY

# Lighting

Not to Scale

NOTE: ALL EXTERIOR LIGHTING ON THE SITE SHALL BE DIRECTED AND/OR SHIELDED SO AS NOT TO CAUSE ANY OBJECTIONABLE GLARE OBSERVABLE FROM NEIGHBORING STREETS AND PROPERTIES. THE SOURCE (BULBS) OF SUCH LIGHTING SHALL NOT BE VISIBLE FROM SAID NEIGHBORING STREETS AND PROPERTIES. PHOTOMETRIC DIAGRAMS ARE SHOWN WITH SHIELDED CONDITIONS.

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE CITY OF BEACON, NEW YORK, ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_, SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION, ANY CHANGE, ENLARGEMENT, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED, SHALL VOID THIS APPROVAL.

SIGNED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_ BY \_\_\_\_\_

\_\_\_\_\_  
CHAIRMAN

\_\_\_\_\_  
SECRETARY

IN ABSENCE OF THE CHAIRMAN OR SECRETARY, THE ACTING CHAIRMAN OR ACTING SECRETARY RESPECTIVELY MAY SIGN THIS PLACE.

REVISIONS:

NO.	DATE	DESCRIPTION	BY
1	02/28/17	REVISE PER PLANNING BOARD COMMENTS	AJS
2	03/28/17	REVISE PER PLANNING BOARD COMMENTS	AJS
3	04/25/17	REVISE PER PLANNING BOARD COMMENTS	AJS
4	05/30/17	NO CHANGE	AJS
5	07/25/17	NO CHANGE	AJS
6	08/28/17	NO CHANGE	AJS
7	09/26/17	REVISE PER PLANNING BOARD COMMENTS	AJS
8	10/31/17	REVISE PER PLANNING BOARD COMMENTS	AJS
9	11/28/17	NO CHANGE	AJS
10	01/30/18	NO CHANGE	AJS