



SPECIFICATIONS

UL Listing:

Suitable for wet locations.

Finish:

Bronze chip and fade resistant polyester powder coat finish

LED:

Multi-chip 10 and 13W high-output, long-life LED

Drivers:

10W Driver: Constant Current, Class 2, 100V-240V, 50/60 Hz, 1kv Surge Protection, 350mA, 0.3 Amps., Power Factor: 57.1%

13W Driver: Constant Current, Class 2, 100V-277V, 50/60 Hz, 4kv Surge Protection, 720mA, 100-240VAC: 0.3-0.15 Amps 277VAC: 0.15 Amps., THD ≤ 20% Power Factor: 97.5%

20W Driver: Constant Current, Class 2, 100V-277V, 50/60 Hz, 4kv Surge Protection, 1000mA, 100-240VAC: 0.5 Amps 277VAC: 0.125 Amps., THD ≤ 10% Power Factor: 98.4%

26W Driver: Constant Current, Class 2, 100V-277V, 50/60 Hz, 6kv Surge Protection, 720mA, 100-277VAC: .4 Amps., THD ≤ 20%, Power Factor: 99.2%

ALED52: Two 26W drivers. See 26W Driver for details.

ALED78: Three 26W drivers. See 26W Driver for details.

California Title 24:

ALED complies with California Title 24 building and electrical codes

Thermal Management:

Die-cast aluminum thermal management system for optimal heat dissipation

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F).

Green Technology:

Mercury and UV free, and are RoHS compliant.

Lumen Maintenance:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations*.

Gaskets:

High-temperature silicone

Housing:

Precision die-cast aluminum housing, lens frame and mounting plate

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

Dark Sky Approved:

The International Dark Sky Association has approved all ALED products as full cutoff, fully shielded luminaires except for the ALED52 Standard (15°).

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows ANSI Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Color Stability:

RAB LED performance exceeds industry standards for chromatic stability.

Ambient Temperature:

ALED10, 26, 52 and 78: Suitable for use in 40°C (104°F) ambient temperatures.
ALED13 and ALED20: Suitable for use in 50°C (122°F) ambient temperatures.

Patents:

The ALED is protected by U.S. patent and patents pending in U.S., Canada, China, Taiwan and Mexico.

ALED Accessories:

Round Pole Adapter:
ALED 10, 13, 20 and 26W
Catalog#: RPA3L; RPA3.5L; RPA4L; RPA5L; RPA6L
ALED 52 and 78W
Catalog#: RPA3; RPA3.5; RPA4; RPA5 and RPA6

Pole Size for each Adapter:

RPA3; RPA3L = 3" Diameter Round Pole
RPA3.5; RPA3.5L = 3.5" Diameter Round Pole
RPA4; RPA4L = 4" Diameter Round Pole
RPA5; RPA5L = 5" Diameter Round Pole
RPA6; RPA6L = 6" Diameter Round Pole

Poles and Anchor Bolts:

Poles and Anchor Bolts sold separately. Visit rabweb.com for details.

*See TM-21 explanation on page 18.

Affordable, Energy-Saving, LED Area Lights

PERFORMANCE COMPARISON

	ALED10	ALED13	ALED20	ALED26	ALED52	ALED78
LED Watts / Input Watts	10W / 13.2W	13W / 14.9W	20W / 21.7W	26W / 30W	52W / 61W	78W / 91W
Delivered Lumens	547	1064	1401	1816	3884	4959*
Equivalent MH Area Light	35 Watts	50 Watts	50 Watts	70 Watts	150 Watts	250 Watts
Replacement Range	30-50W	35-70W	35-70W	42-100W	175-275W	200-400W
Weight	3.2 LB	3.3 LB	5.1 LB	6.5 LB	16.45 LB	32 LB
EPA	0.2	0.2	0.25	0.27	1.5	0.75

*Refers to lumen output of the ALED3T78. **Pole Configuration:** For Pole Configurations, go to rabweb.com.

SPECIFICATION-GRADE OPTICS

Type II: The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. Meant for lighting larger areas and usually located near the roadside, this type of lighting is commonly found on smaller side streets or jogging paths.

Type III: The Type III distribution is ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

Type IV: The Type IV distribution (also known as a "Forward Throw") is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

For assistance in choosing the distribution to match your application, please contact RAB Application Engineering by emailing applications@rabweb.com or calling 888 722-1000.

CATALOG NUMBERS

Catalog Number	LED Watts	Input Watts	Color Temp	IES Classification	BUG Rating	Color Accuracy	Lumen Output	Lumens per Watt	Mounting Height	Voltage
ALED10	10	13.2	Cool (5000K)	III	0 0 0	92CRI	547	41	10-15'	100-240V
ALED13	13	14.9	Cool (5000K)	III	1 0 0	66CRI	1064	71	10-20'	100-277V
ALED20	20	21.7	Cool (5000K)	III	1 0 0	70CRI	1401	65	10-25'	100-277V
ALED26	26	30.0	Cool (5000K)	IV	0 1 0	66CRI	1816	61	15-25'	100-277V
ALED52	52	61.0	Cool (5000K)	IV	0 1 1	67CRI	3884	64	20-35'	100-277V
ALEDC52	52	61.0	Cool (5000K)	III	0 1 1	67CRI	3888	64	20-35'	100-277V
ALED52C52	52	61.0	Cool (5000K)	III	0 1 1	67CRI	3890	64	20-35'	100-277V
ALED2T78	78	90.0	Cool (5100K)	II	1 0 1	68CRI	5263	58	20-35'	100-277V
ALED3T78	78	91.0	Cool (5100K)	III	1 0 1	68CRI	4959	55	20-35'	100-277V
ALED4T78	78	91.0	Cool (5100K)	IV	1 0 2	68CRI	5456	60	20-35'	100-277V

Values shown for cool temperature. Please visit rabweb.com for details on neutral and warm.

For Neutral White Light (4000K) - add "N" to Catalog Number (Example: ALED26N) for all wattages except ALED10. For Warm Light (3000K) - add "Y" to Catalog Number (Example: ALED26Y).

BUY WITH CONFIDENCE



Fully Shielded Full Cutoff Optics



For use on LEED buildings to attain Light Pollution Reduction Credit

