



TRACE LITE
commercial & industrial lighting

barronltg.com

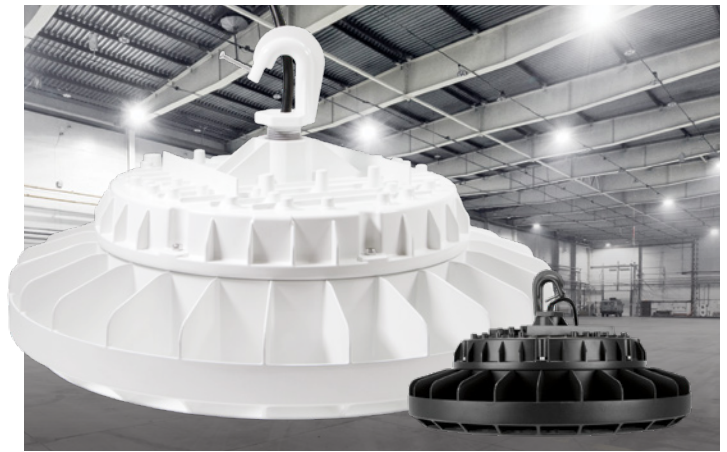
HIGH-PERFORMANCE LED ROUND HIGHBAY

Lumen packages from 14,000 to 29,800 lumens.
Efficacies up to 149 LPW maximize energy savings.
Optional battery backup.
DesignLights Consortium® (DLC) PREMIUM Qualified.

RHL SERIES

HIGH-PERFORMANCE LED ROUND HIGHBAY

The compact, energy-efficient RHL Series LED round highbay provides over 70% energy savings compared to HID technology. This product is offered in multiple lumen packages and distributions optimizing project flexibility for retail, industrial, commercial, manufacturing, warehousing, gymnasium and other large interior spaces with mounting heights up to 50'. The RHL delivers up to 29,800 lumens with a diffused lens and is supplied standard with mounting hook, 5' whip and safety cable. The RHL highbay is suitable for ambient temperatures up to 55°C (131°F). Options include 347/480VAC, battery backup and occupancy controls.



FEATURES & BENEFITS

- Die-cast aluminum housing in a black or white powder coat finish
- ¾" NPT threaded hook, 5' whip and safety cable included
- UV-stabilized polycarbonate optical lens with standard 120° distribution or optional 90° distribution, IK10 rated
- Multiple lumen packages from 14,000 to 29,800 lumens
- Efficacies up to 149 LPW maximize energy savings and rebates
- Available in 4000K and 5000K CCT
- L70 > 100,000 hours
- Rated for over 50,000 hours at 55°C (131°F)
- Optional refractors, bottom lenses, and reflector available to meet aesthetic and glare control needs
- 1-10V Dimming driver
- cULus Listed for Wet Locations
- Tested to meet IP65 requirements
- DesignLights Consortium® (DLC) PREMIUM Qualified
- Meets state of California Title 24 requirement for dimming and control of light fixtures
- Easy field installed battery backup option, in line and balanced with fixture, delivers 2000 lumens for over 90 minutes
- Optional integral dimming occupancy sensor

SPECS AT A GLANCE

Configuration	RHL-100	RHL-135	RHL-175	RHL-200
Wattage (W)*	100W	135W	175W	200W
Lumens (lm)	14,000	19,400	25,600	29,800
Efficacy (LPW)	140	144	146	149
Distribution	General 120° / Optional 90°			
CCT (K)	4000K, 5000K			
CRI	≥70			
Input Voltage	120-277VAC, 50/60Hz, 347/480VAC			
Operating Temp	-40°C to 55°C (-40°F to 131°F)			
Certifications	UL Listed for Wet Locations, DLC PREMIUM			
Warranty	5 Years			
Weight	10.5 lbs		10.9 lbs	

*Nominal Wattage. Tested at 5000K CCT, 120-277VAC

See performance table on specification for more detailed lumen information

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

ORDERING INFORMATION (Example: RHL-175-VS-4K-WH)

Series	Wattage	Input Voltage	CCT	Finish	Options (Factory Installed)
RHL	100 = 100W	HVS¹= 347/480VAC	4K = 4000K	BL² = Black	BB = Battery backup (120/277VAC)
	135 = 135W	VS = 120-277VAC	5K = 5000K	WH = White	SC = Integral dimming occupancy sensor (120/277VAC)
	175 = 175W				X9 = 90° Distribution Lens
	200 = 200W				

Accessories³ (Field Installed)

RHL-BB-BL = Battery backup kit, black finish (120/277VAC)

RHL-BB-WH = Battery backup kit, white finish (120/277VAC)

RHL-ACR⁴ = 16" Acrylic refractor

RHL-ACFR⁴ = 16" Frosted acrylic refractor

RHL-ACDL⁴ = Conical drop lens for acrylic refractor

RHL-ACFDL⁴ = Frosted conical drop lens for frosted acrylic refractor

RHL-ALR⁴ = 19" Aluminum reflector

TL-MSSW-REMOTE = Remote for dimming sensor option (SC)

LC6T⁵ = 6' Line cord, L7-20P plug (300V)

LC15⁵ = 15' Line cord, blunt end (300V)

LC15T⁵ = 15' Line cord, L7-20P plug (300V)

RHL-WG⁴ = Wireguard for acrylic refractor

20300032 = Field-installed In-line 10kVA surge protector for 120/277VAC, 320V, 420J

20300033 = Field-installed In-line 10kVA surge protector for 347/480VAC, 1500V, 570J

Notes

¹ Not compatible with BB or SC options

² 4000K configurations stocked, consult factory for 5000K, longer lead times apply

³ Order as a separate line item, shipped in a separate box for installation in the field

⁴ Not recommended for use with SC option, will impact sensor performance and coverage

⁵ Indoor rated, 300V max (not compatible with 347/480V option, consult factory for more info)



Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

10840384 MKT-LIT-RHL Rev 5



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