

Fundamental Lighting Solutions

LED Renaissance One

Luminaire

Spec. Sheet

Updated March 2019

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Made in the USA.

LED Renaissance One Luminaire

'Innovative. Green Technology'

Product Description

The Renaissance One Luminaire pioneering the industry with 210 lumens per watt energy efficiency. The Renaissance One Luminaire has a sleek and powerful design at 0.5X4 that is adaptable to any industrial, commercial, and office lighting needs. Zonal wireless dimming included.

Due to our patented technology, the Renaissance One Luminaire is built for a 20+ year life span with low maintenance, whereas other LED lights on the market are limited to 5 to 10 year life. This saves our customers large sums in replacement costs. Fundamental Lighting Solutions provides a 10 year-full replacement warranty, backed by the ADI family of corporations who have 20+ years experience of developing ground-breaking technologies.



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Key Features

Industry Leading Energy Efficiency

- The Renaissance One Luminaire has a pioneering energy efficiency rating of 210 lumens per watt. This saves the customer more money on their energy bill than all other main stream LED product available today.
- 20 Year Low Maintenance Product Life Due to our patented design, the Renaissance One Luminaire is the only LED product with a scientifically proven 20-year product life. This reduces replacement costs and the lighting droop is dramatically reduced.
- Backed by 40 Years of Science and Engineering experience, The Renaissance One Luminaire was developed over five years by Wayne Bliesner founder of the ADI family of businesses who has developed over 100 USA and international patents.



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Performance Summary

Includes performance of two large competitors for comparative purposes. These specs are taken from recent sales material.

	Fundamental Lighting Solutions Renaissance One Luminaire	Cree ZR24	Superior Lighting HBL12D090W27V 50K-FD
Lumen Output	4000-20000 Lumens	4000 Lumens	12000 Lumens
Energy Efficacy	210 Lumens per Watt	90-125 Lumens per Watt	130 Lumens per Watt
CRI	80+	80+	80+
CCT	3200-5000 K	3000K - 5000K	5000K
Input Power	19 Watts for 4000 Lumens 72 Watts for 15,000 Lumens 100 Watts for 20,000 Lumens	32 Watts for 4000 Lumens	92 Watts for 12000 Lumens
Voltage	48-277+ VAC	120-277 VAC	100-277 VAC
Lifetime	20 years 175,000 hours	8.5 years 75,000 hours	5.7 years 50,000 hours
Limited Warranty	10 years	5 years	5 years
Dimensions	0.5' by 4.0' Standard Wireless	2.0' by 4.0' Standard Wireless	2.0' by 4.0' Standard Wireless
Dimming	0-2.4 V	0-10 V	0-10 V
Certification	UL Listed DNC listed	UL Listed DNC listed	UL Listed DNC listed
Price	\$260 per light \$8,320 for fixtures	\$124 per light \$28,000 in fixtures	\$99 per light \$11,000 in fixtures
Life Time Costs 10,000 Sq ft. Total 20 year costs	\$16,000 electricity over 20 years \$24,300	\$28,000 electricity over 20 years \$55,500	\$28,000 electricity over 20 years \$38,600

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