



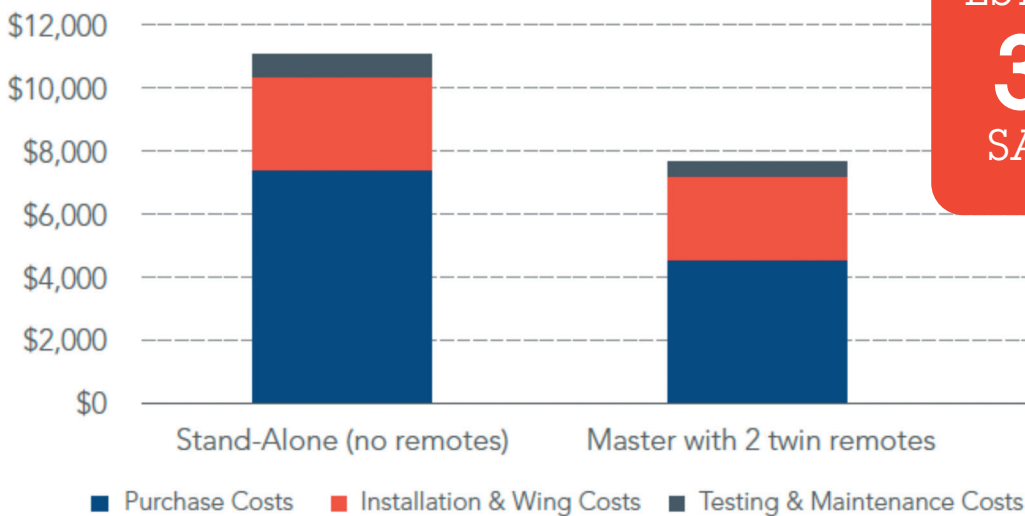
Remote Application Guide



What are remotes and why are they used?

An emergency remote head is a stand-alone lamp with no internal battery backup. Remote lamps are mounted on a base, with either single or twin lamps, and powered by an external battery source, most likely from an emergency lighting unit or exit-unit combo with extra capacity. By eliminating the battery, remotes are often more affordable than illuminating that same path of egress than stand-alone units. Additionally, emergency remote lamps are tested simultaneously with their emergency unit counterpart. This means that you are still following the Life Safety Code (NFPA 101) with less fixtures to test monthly/annually.

Total Year 1 Costs Comparison



ESTIMATED
30%
SAVINGS!

1. How do I know which remote is compatible with my power source (unit or combo)?

The battery voltage of the remote and the unit must match. Lithonia Lighting® remote lamp heads, such as the new Quantum® ELMRW, are standard with a broad voltage range that cover the majority of battery voltages used in LED units. Additionally, most of the new emergency remotes from Lithonia Lighting are UL Listed to operate with any battery source within the voltage range.

2. Where are remotes used?

In majority of instances, emergency remote lamps are used in environments that are not conducive to batteries. Often the cost savings for remotes are greater in demanding environments. Lithonia Lighting offers universal voltage remotes that suit most applications including: commercial office, light industrial, wet location and heavy industrial environments.

3. How far can I mount the remotes from the battery source?

The distance allowed between the emergency remote and battery source (i.e. unit or combo) depends on the battery voltage of the system, watts of the remote lamp heads and the gauge wire used. Please see product webpage for maximum spacing information for Lithonia Lighting LED remotes.

Remote Application Information

	Wet Location /Outdoor					Light Commercial/Indoor			Heavy Industrial NEMA 4X
	ERE WP RD	ERE WP SQ	ELMRW	AFB & AFF OELR	INDRE	ERE RD	ERE SQ	ELMRE	EXTLRE
	Lithonia Lighting® Basics	Lithonia Lighting® Basics	Quantum®	Affinity®	Indura®	Lithonia Lighting® Basics	Lithonia Lighting® Basics	Quantum®	Extreme®
									
Compatible DC Battery Voltage	3.6V	3.6V - 12VDC	5-20VDC (LP220L) 5-20VDC (SP640L)	8-30VDC	5-20VDC (SP640L) 7-30VDC (SP1100L) 7-30VDC (SP2200L)	3.6V	3.6V - 12VDC	5-20VDC (LP220L) 5-20VDC (SP640L) 7-30VDC (SP1100L)	5-20VDC (SP640L) 7-30VDC (SP1100L) 7-30VDC (SP2200L)
Watts per Lamp Head	0.75W	1W	LP220L - 1.2W SP640L - 3.3W	AFB OELR WT - 2.6W AFF OELR WT - 8.5W AFF OELR FCT - 8.2W	SP640L - 3.3W SP1100L - 5.3W SP2200L - 11W	0.75W	1W	LP220L - 1.2W SP640L - 3.3W SP1100L - 5.3W	SP640L - 3.3W SP1100L - 5.3W SP2200L - 11W
Lumens per Lamp Head	75 LM	90 LM	LP220L - 110 LM SP640L - 320LM	AFB OELR WT - 225 LM AFF OELR WT - 635 LM AFF OELR FCT - 450 LM	SP640L - 320 LM SP1100L - 550 LM SP2200L - 1100 LM	75 LM	90 LM	LP220L - 130 LM SP640L - 345LM SP1100L - 550 LM	SP640L - 320 LM SP1100L - 550 LM SP2200L - 1100 LM
Temperature Range	-22°F to 122°F (-30°C to 50°C)	-22°F to 122°F (-30°C to 50°C)	-40°F to 131°F (-40°C to 55°C)	-40°F to 122°F (-40°C to 50°C)	-40°F to 131°F (-40°C to 55°C) @SP640L or -22°F to 104°F (-30°C to 40°C) @SP1100L/ SP2200L	50°F to 104°F (10°C to 40°C)	50°F to 104°F (10°C to 40°C)	-22°F to 104°F (-30°C to 40°C)	-40°F to 131°F (-40°C to 55°C) @SP640L or -22°F to 104°F (-30°C to 40°C) @SP1100L/SP2200L
Self-Diagnostics Compatibility	No	No	Yes	Yes	Yes	No	No	Yes	Yes
Listings	UL, Wet Location, CSA	UL, Wet Location, CSA	UL, Wet Location, CSA	UL, Wet Location, CSA	UL, Wet Location, CSA	UL	UL, CSA	UL, CSA	UL, IP66, CSA, NEMA 4X, NSF
Warranty	2 Year	2 Year	5 Year	5 Year	5 Year	2 Year	2 Year	5 Year	5 Year
Recommended Lithonia Lighting Products	EU2L, ECRG RD	EU2C, EU2L, ECRG RD, ECRG SQ, LHQM, TCLC	ELM2L, ELM2LF, ELM4L, ELM6L, LHQM LED, TCLC	INDL, EXTL, ELM4L, ELM6L, LHQM LED	INDL, EXTL, ELM4L, ELM6L, TCLC	EU2L, ECRG RD	EU2C, EU2L, ECC, ECR LED, ECG LED, LHQM, TCLC	ELM2L, ELM4L, ELM6L, LHQM LED, INDL, EXTL	INDL, EXTL, ELM4L, ELM6L, TCLC
Alternate Compatible Lithonia Lighting Products	EU2C, ECRG SQ	ELM2L, ELM2LF, ELM4L, ELM6L, INDL, EXTL, LHQM LED, ELT	ELT50, ELT125, ELT180, ELT275, INDL, EXTL	ELT50, ELT125, ELT180, ELT275	ELT50, ELT125, ELT180, ELT275	EU2C, ECRG SQ	ELM2L, ELM2LF, ELM4L, ELM6L, INDL, EXTL, LHQM LED, ELT	ELT, TCLC, LHQM, TCLC	ELT50, ELT125, ELT180, ELT275



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Visit www.lithonia.com for more information

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