

Amerlux LED Multiples Retrofit

The perfect, easy refresh for your space.



Refresh. Restore. Reinvent.

Look up. Are your old 15,000 hour halide lamps burning out and yellowing with age?

Is the color output no longer reflecting well on your brand or your merchandise?

The fix is simple. Amerlux LED multiples retrofit provides a quick, easy, elegant way to completely renew your store's look, and also to create better cost-efficiencies and savings. Our retrofits snap right into existing housings of halogen or ceramic metal halide, and do not require professional installation.

With Amerlux LED multiples retrofits, you enjoy 50,000+ hours of clear, crisp, dimmable, instant-on light. Almost immediately, your store is beautiful again.

Sample ROI Data (without rebate \$\$)

	Case #1: 20W Retrofit		Case #2: 39W Retrofit	
	20W CMH	Hornet HP (LED)	39W CMH	C3M (LED)
Fixture Quantity	50	50	50	50
Number of Heads	2	2	2	2
System Wattage per Head	24W	16W	45W	21W
Total Wattage	2400W	1600W	4500W	2100W
Hours per Day	18	18	18	18
Hours per Year	6,570	6,570	6,570	6,570
Electrical Cost (\$/Kwh)	0.15	0.15	0.15	0.15
Lamp Replacement Cost (1 per year)	\$27	\$0	\$27	\$0
Lamp Replacement Labor (per lamp)	\$5*	\$0	\$5*	\$0
Yearly Operational Cost	\$2,365.20	\$1,576.80	\$4,434.75	\$2,069.55
Yearly Maintenance Cost	\$3,200	\$0	\$3,200	\$0
Total Yearly Cost	\$5,565.20	\$1,576.80	\$7,634.75	\$2,069.55
Total Yearly Savings	N/A	\$3,988.40	N/A	\$5,565.20
ROI		2.26 years		2.02 years

*Labor cost could be more if not group relamping.

Cylindrix Multiples

Cylindrix Recessed and Semi-Recessed multiples were specifically designed for a broad selection of 20W Halogen and CMH lamps.



Hornet HP LED Multiples

Hornet HP Recessed and Semi-Recessed multiples perform beautifully delivering great performance, energy efficiency, and are a direct retrofit for all Cylindrix multiples.

Step 1: Determine existing fixture

Existing Fixture: Cylindrix Multiples	# of Heads	Lamp Type/Total System Performance								
		MR16		CMH MM		T4		CMH MR16		
		Watts	Lumen	Watts	Lumen	Watts	Lumen	Watts	Lumen	
Recessed 	1	37	570	26	1,189	26	805	26	717	
				46	2,200	46	2,200	46	2,200	
		2	74	1,140	52	2,378	52	1,610	52	1,434
					92	4,400	92	4,400	92	4,400
Semi-Recessed 	3	111	1,710	78	3,567	78	2,415	78	2,151	
				138	6,600	138	6,600	138	6,600	
		4	148	2,280	104	4,756	104	3,220	104	2,868
					184	8,800	184	8,800	184	8,800

Sources



Step 2: Determine retrofit fixture

Retrofit Fixtures: LED Multiples	Retrofit Fixtures: LED Multiples	Fixture Model #	Total System Performance							
			1 Light		2 Lights		3 Lights		4 Lights	
			Watts	Lumen	Watts	Lumen	Watts	Lumen	Watts	Lumen
Recessed Hornet HP 	Semi-Recessed Hornet HP 	Recessed Hornet HP: HORNET-HP-R-RTF-A16 Trimless: HORNET-HP-R-RFT-TLX-A16	11	972	22	1,944	33	2,916	44	3,888
			16	1,205	32	2,410	48	3,615	64	4,820
			18	1,369	36	2,738	54	4,107	72	5,476
Recessed C3 Mini 	Semi-Recessed C3 Mini 	Recessed C3 Mini: C3MR-RTF-A16 Trimless: C3MR-RTF-TLX-A16	15	1,314	30	2,628	45	3,942	60	5,256
			21	1,850	42	3,700	63	5,550	84	7,400
			Semi-Recessed C3 Mini: C3MSR-RTF-A16							

Hornet-HP-R-A16 is compatible with most **20W CMH** applications. C3 Mini is compatible with most **39W CMH** applications.

Ordering Guide

Model	# of Heads	Wattage	Housing/Head Finish	Voltage	Beam Spreads				Trim Finish	Color Temps	Driver	Options/Accessories
					Head 1	Head 2	Head 3	Head 4				
HORNET-HP-R-RTF-A16 HORNET-HP-SR-RTF-A16 HORNET-HP-RTLX-RTF-A16 HORNET-HP-SRTLX-RTF-A16	1	11	WT: White texture BT: Black texture ST: Silver texture	120-277	Hornet HP:				WT: White texture BT: Black texture ST: Silver texture	83 CRI 27 30 35 40	LE/TE 0-10V* HI-LUME-A* HI-LUME-H*	SNAH: Snoot accessory holder AH: Accessory holder CB: Cross blade HEX: Hexcell louver SOL: Solite beam softening lens, requires SNAH or AH
	2	16			SP	SP	SP	SP				
	3	18			NF	NF	NF	NF				
	4				MFL	MFL	MFL	MFL				
C3MR-RTF-A16 C3MSR-RTF-A16 C3MR-TLX-RTF-A16		15			C3M:				92 CRI 229 279 309	CRISP-CrispWhite		
		21	FL	FL	FL	FL						
			WF	WF	WF	WF						
			VWF	VWF	VWF	VWF						
				LS	LS	LS	LS					

Ordering Example

HORNET-HP-R-RTF-A16-3-16-LED-WT-120-277-SP-SP-WT-3000

SP- spot 14°, **VNF**- very narrow flood 18°,
NF-narrow flood 22°, **NF**-narrow flood 23°,
MFL-medium flood 25°, **FL**- flood 34°,
WF- wide flood 44°, **VWF**-very wide flood 60°,
LS-linear spread 60°x10°

*Note: Hi-Lume and 0-10V require data cabling to be present. Can only be used with installations that are currently Hi-Lume or 0-10V.



CMH

LED



Company Certifications:



3450 South Sam Houston Pkwy E., Suite 400
Houston, TX 77047 USA
T: 281.997.5400 | F: 281.997.5441

Headquarters
178 Bauer Drive, Oakland, NJ 07436
T: 973.882.5010 | F: 973.882.2605

amerlux.com
© 2016 Amerlux, LLC

Oxidated Carpark 2nd Floor
No. 124 Donghuan Road, Donghuan Jie
Panyu, Guangzhou PRC 511400