

USAI[®]
Lighting

BeveLED[®] REFIT



Precision Lighting



Warm Glow[®] Dimming

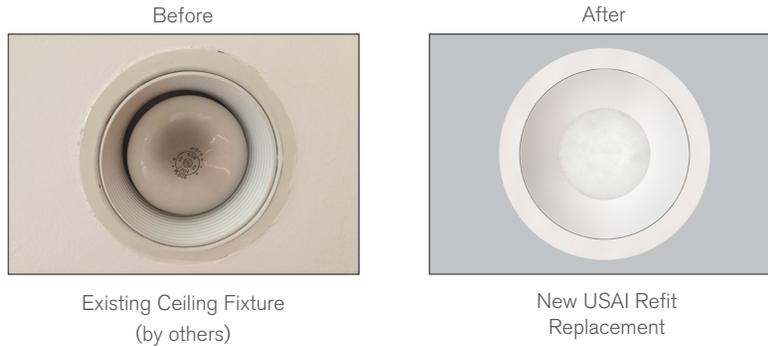


Color Harmony[®]

BeveLED[®] REFIT

Why settle for outdated, inefficient lighting when you can have top performing LED illumination without any demolition or construction costs? BeveLED REFIT is designed to switch out and upgrade existing halogen, incandescent, and compact fluorescent lighting using existing installed light fixture trays. Upgrading your existing recessed lighting with USAI Lighting's REFIT is easy to do, in three simple steps:

Transform your old and outdated fixtures to stunning and new with BeveLED REFIT



How to Refit

STEP 1:

Remove existing light bulb, baffle or trim, and "can" from ceiling



STEP 2:

Make electrical connection between REFIT and existing light fixture junction box



STEP 3:

Insert REFIT into existing light fixture tray



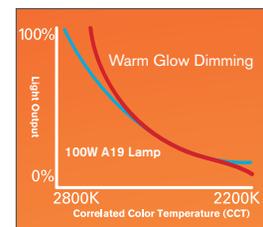
No demolition or construction required!

Color Technologies for REFIT



Warm Glow[®] Dimming

ReFIT is the perfect replacement for old incandescent and PAR lamps, especially when USAI's patented warm glow dimming technology is incorporated. Warm Glow Dimming provides warmth and glow once possible only in dimmed incandescent sources, and now with REFIT you can still have that glow, but with the high performance and energy efficiency of LEDs. Utilizing our patented algorithm and circuitry, Warm Glow Dimming technologies closely follow the incandescent dimming curve by gradually transitioning from 2700K, 3000K or 3500K down to 2200K. The result is virtually indistinguishable from an incandescent light source.



REFIT Families



REFIT is available in many different sizes and lumen packages to provide replacement solutions for any existing installation. For suggested replacement values with REFIT, please refer to the table below.

What Are You Replacing?

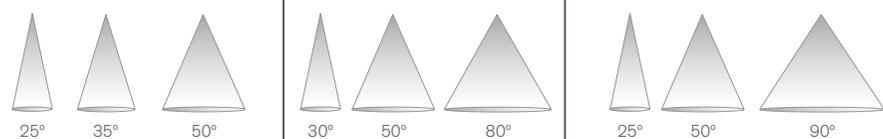
	Existing Traditional Lamp		Which REFIT can you replace it with? New Fixture with 3" - 6" Aperture								
			BeveLED Mini REFIT		BeveLED Warm Glow REFIT		BeveLED 2.1 REFIT				
	Lamp Type	Wattage	14W	20W	16W	32W	9W	12W	16W	24W	33W
Existing Fixture 4" - 7" Aperture	MR-16	35W	●		●		●	●			
		50W	●	●	●	●	●	●			
		75W		●		●		●	●		
	PAR20	50W	●		●		●	●			
		PAR30	50W	●		●		●			
			75W		●		●		●	●	
	PAR38	75W		●		●		●	●		
		100W	75W		●		●		●	●	
			100W				●		●	●	●
	Compact Fluorescent	13W	●		●		●	●			
		18W	●		●		●	●			
		26W		●	●		●		●	●	
32W			●			●		●			
42W						●			●	●	

Halogen and compact fluorescent sources vary widely in light output and quality. REFIT specification sheets provide precise performance information that will help you find the right REFIT for your project.

Performance	BeveLED Mini REFIT	BeveLED Warm Glow REFIT	BeveLED 2.1 REFIT
Wattage	14W, 20W	16W, 32W	9W, 12W, 16W, 24W, 33W
Color Temperature	2700K, 300K, 3500K, 4000K	2700K, 300K, 3500K	2200K, 2700K, 300K, 3500K, 4000K
Color Rendering Index	80+ CRI, 90+ CRI	80+ CRI, 90+ CRI	80+ CRI, 90+ CRI
Source Lumens	1100 - 1500	1075 - 1800	1150 - 3025
Delivered Lumens	850 - 1100	900 - 1500	900 - 2400
Color Consistency	2-Step MacAdam Ellipse		

Beam Spread Options

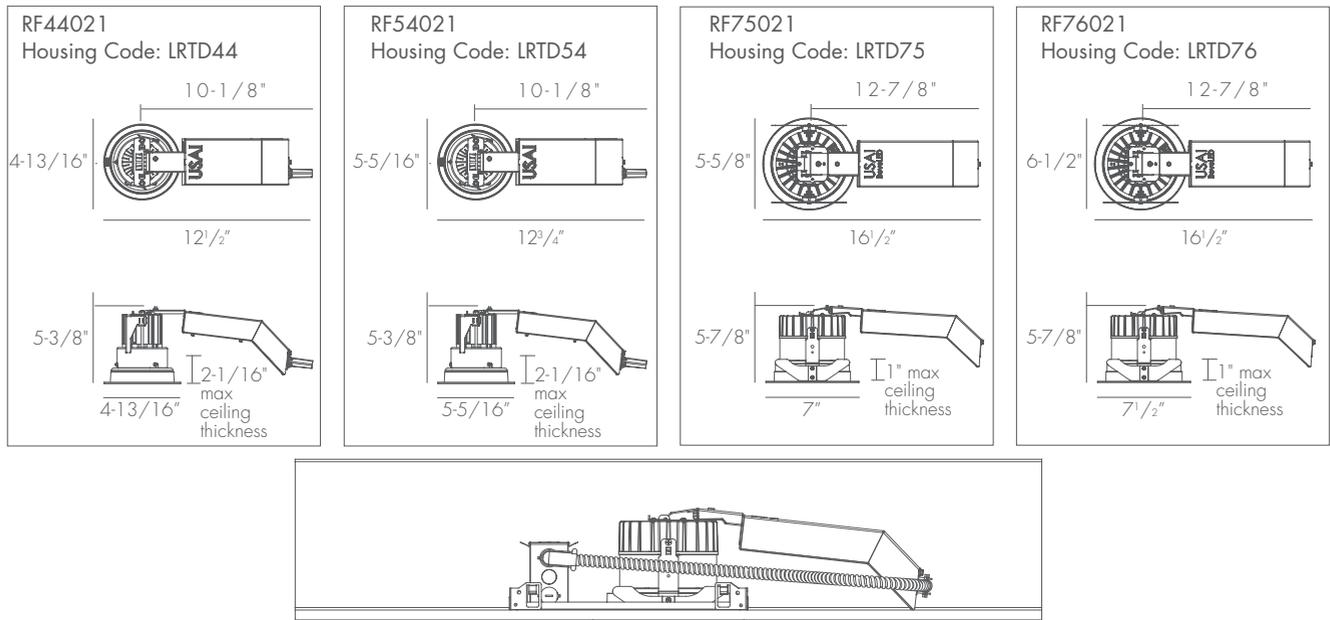
Beam spreads from 25° to 90°



Trims

Replaces 4" - 5" Apertures	Replaces 5" - 7" Apertures	Replaces 5" - 7" Apertures
RF44021 RF54021	RF75021 RF76021	RF75021 RF76021
4-13/16" Ø	7" Ø	7" Ø
5-5/16" Ø	7-1/2" Ø	7-1/2" Ø
3-13/16" Ø Aperture	5-1/2" Ø Aperture	5-1/2" Ø Aperture
4-5/16" Ø Aperture	6" Ø Aperture	6" Ø Aperture

Housing Options



REFIT has been tried and tested for compatibility with a wide variety of manufacturers. Exact model numbers and details can be found on REFIT product information pages. Please contact USAI Lighting for specific manufacturers and models not shown on our website.

Other USAI Lighting Technologies and Innovations



Color Select®

Our Color Select® products allow users to adjust color temperature from 6000K down to 2200K while independently adjusting intensity to achieve ultimate control over the quality of light in a space with a single fixture type.



Infinite Color +®

Illuminate your space with any color available in the spectrum with Infinite Color+. Tune the light from saturated blue, violet, green, yellow, orange, and red, to any of a wide variety of perfect architectural whites with flexibility for any application.



Warm Glow® Dimming

Our Warm Glow Dimming® products precisely mimic the black body curve of a standard 100W A19 lamp by gradually transitioning from 2700K or 3000K down to 2200K. The result is virtually indistinguishable from an incandescent light source.



Color Harmony®

Our proprietary LED light engines achieve a 2-step MacAdam ellipse along the black body locus, resulting in reliable and uniform color fixture to fixture. You'll see the results in consistently beautiful light throughout your space, whichever USAI LED product you specify.



Point Perfect®

Our Point Perfect beam control combines our proprietary, industry-leading LED light engines with our patent-pending optical systems to give specifiers a tight, 10-degree beam with precise optics—in apertures as small as 2.5 inches. Point Perfect delivers the sparkle and precision formerly available only in tungsten halogen and metal halide point sources with energy-efficient LED.



Max Output®

We take LED performance and intensity to unprecedented new levels with Max Output, putting long lasting, energy-efficient, mercury-free solutions in play for airports, atriums, ballrooms, lobbies, and other spaces with high ceilings that require maximum lumen output.



Shallow Fit™

USAI Lighting has designed and engineered the thinnest recessed LED downlight housings in the world. Our Shallow Fit solutions help you integrate great lighting with ductwork, building infrastructure, and electrical with ease, in any plenum space.

USAI[®]
Lighting

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Covered by US Patent Nos: 8,581,520 and 8,456,109.

Photo credits

Cover: **Project:** Reserve Lounge at the Morgans Hotel **Photographer:** Oleg March
Interior Design: S. Russell Groves **Lighting Design:** Cooley Monato Studio