

GE  
Lighting Solutions

# IMMERSION™

## LED Refrigerated Display Lighting

RV40 Series



imagination at work

# Achieve Your Best Case Scenario

Immersion™ RV40 LED Refrigerated Display Lighting helps retailers cut annual operating costs while enhancing the visual appeal of products in vertical refrigerated cases. The perfect replacement for fluorescent, Immersion efficiently delivers bright, uniform light across package facings, while significantly reducing energy consumption and maintenance expenses. Retailers are losing money every day they wait to replace inefficient fluorescent lighting in their refrigerated cases—really making the case to switch to GE's money saving Immersion RV40 LED System.

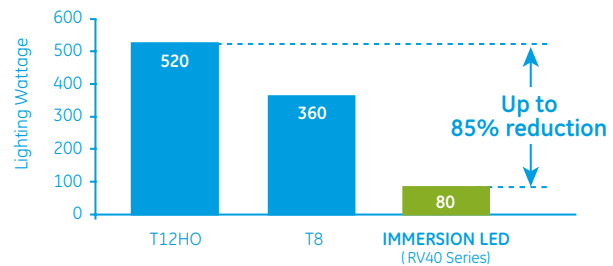
## Impressive Energy Savings

Direct energy savings up to 85%

The Immersion RV40 system operates on as little as 16 watts of energy per door, reducing case lighting energy consumption by up to 85% compared to T12HO fluorescent systems. This system is dimmable and is also compatible with occupancy sensors for even greater energy savings.

### Lighting System Wattage

5-door case example  
(60-inch light fixtures)

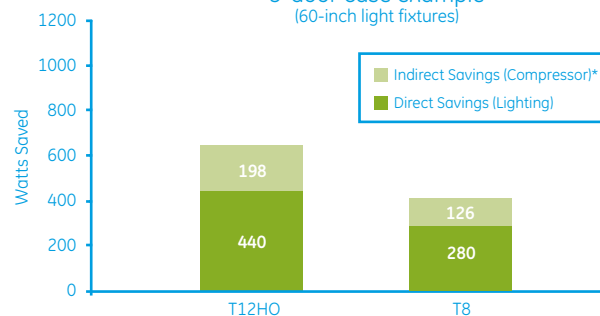


### Additional indirect energy savings

On top of the direct energy savings achieved from the case lighting, for every watt of light reduced inside the refrigerated case, the compressor doesn't need to work as hard to remove the heat. This provides the retailer with additional indirect energy savings.

### Immersion Wattage Savings

5-door case example  
(60-inch light fixtures)



\*Compressor savings are dependent on case temperature and design.

### Lower CO<sup>2</sup> emissions and waste

Immersion RV40 efficiently uses less energy, reducing CO<sup>2</sup> emissions. Its robust design does not contain any mercury, lead or glass, making handling and disposal less of a concern. Additionally, this system has no UV or infrared and is both RoHS and NSF compliant, providing an optimal selling environment for food products.

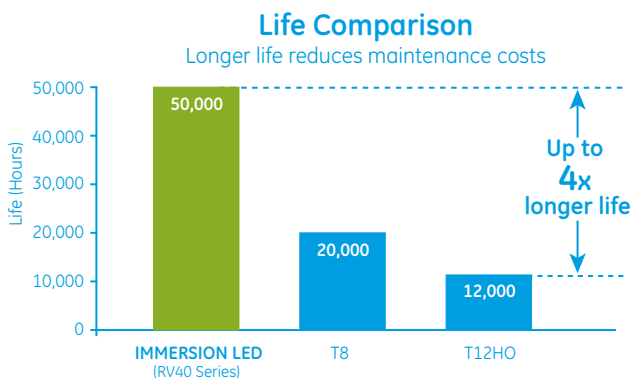




## Lower Maintenance Expenses

### Up to 4x longer life than fluorescent

Immersion RV40 has a rated life of 50,000 hours—that's up to 4 times longer than traditional fluorescent systems. And unlike fluorescent tubes, the Immersion LED system does not require time to warm up and experiences no reduction of life from turning on and off in cold environments. This superior performance and reliability is backed by a 5-year limited warranty.



### Save on relamping costs

Immersion's 50,000 hour rated life provides retailers with over 5.7 years of 24-hour operation without having to change a lamp. The elimination of annual fluorescent lamp replacement offers retailers significant maintenance cost savings and eases the hassle and expense associated with the storage and disposal of fluorescent tubes.

## Greater Visual Appeal

### Bright, more uniform look across package facings

Immersion's innovative optic design, keeps light directed on the shelf, where it belongs, not wasted on the glass doors and floor. Cases achieve higher average lux levels and more uniform light distribution across the package facings. The light source remains hidden, significantly reducing distracting glare and light spill—making aisles feel larger and more spacious. Available in multiple lengths and color temperatures, retailers can easily create the right look for their stores.

### Making the case to switch...

If a retailer replaces T8 fluorescent lamps with Immersion RV40 in 100 refrigerated case doors in each of its 50 stores, each year it will achieve:

- Energy savings of nearly \$400,000
- Significant maintenance cost savings
- Improved product visibility
- CO<sub>2</sub> emissions reduced by >1,400 metric tons ...that's equal to planting >400 acres of trees

Product Code (Single)	Product Code (10-Pack)	Description	Item	Color Temp (K)*	PERFORMANCE DATA							DIMENSIONAL DATA				
					Lumens	LPW	Lumens Per ft (m)	Illuminance (Lux)**	Life (Hours)	CRI (Typical)	Energy (Watts)	Length (L)	Width (W)	Depth (D)		
5000K	79741	79744	GELT406050CTR-SY, -SB	60" LED Light - Center	5000	1070	66.9	214 702	1040	50,000	73	16	(inch) (mm)	60.3 1532	2.6 66	1.3 33
	79742	79745	GELT406050EDR-SY, -SB	60" LED Light - Right End	5000	650	81.3	130	1100	50,000	73	8	(inch)	60.3	2.09	1.59
	79743	79746	GELT406050EDL-SY, -SB	60" LED Light - Left End				427					(mm)	1532	53	40
	79759	79762	GELT407050CTR-SY, -SB	70" LED Light - Center	5000	1231	65	209 685	1040	50,000	73	19	(inch) (mm)	70.8 1798	2.6 66	1.3 33
	79760	79763	GELT407050EDR-SY, -SB	70" LED Light - Right End	5000	750	75	127	1130	50,000	73	10	(inch)	70.8	2.09	1.59
	79761	79764	GELT407050EDL-SY, -SB	70" LED Light - Left End				417					(mm)	1798	53	40
4000K	79747	79750	GELT406040CTR-SY, -SB	60" LED Light - Center	4000	1070	59	213 698	1040	50,000	80	18	(inch) (mm)	60.3 1532	2.6 66	1.3 33
	79748	79751	GELT406040EDR-SY, -SB	60" LED Light - Right End	4000	650	72	129	1100	50,000	80	9	(inch)	60.3	2.09	1.59
	79749	79752	GELT406040EDL-SY, -SB	60" LED Light - Left End				424					(mm)	1532	53	40

\*Standard ANSI Color Bins

\*\*Initial illuminance (lux) +/-15% based on typical in-store performance. 60" and 70" fixtures measured at 6" throw.

\*\*\*Data provided is subject to change at any time.

## Accessories

Product Code (Single)	Description	Item	DIMENSIONAL DATA			
			Length (L)	Width (W)	Depth (D)	
79813	GEPS4000NCMUL-SY	LED Driver	(inch)	10.75	1.65	1.05
			(mm)	273	42	26.7
79814	GE-CV-4060CTR	Wire Cover	(inch)	1.77	1.42	1.19
			(mm)	45.01	36	30.23

Conforms to the following standards:



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class [A] RFLD complies with the Canadian standard ICES-005. Ce DEFR de la classe [A] est conforme à la NMB-005 du Canada.



GE Lighting Solutions • 1-888-MY-GE-LED • [www.gelightingsolutions.com](http://www.gelightingsolutions.com)  
1-888-69-43-533

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