

GE  
Lumination

# IMMERSION™

LED Display Lighting

Refrigerated Vertical Cases  
RV30 Series



Immersion™ LED Display Lighting from GE is continuing to change the way people look at refrigerated cases with the introduction of the new RV30 series.

- Storeowners will notice improved value, increased light intensity and significant reductions in energy consumption and maintenance costs.
- Merchandisers will be able to create the right look for their store with the availability of multiple color temperatures and lengths to select from.
- Shoppers will benefit from reduced glare and improved product visibility, keeping focus on the food packages inside the case.

See for yourself why Immersion LED Refrigerated Display Lighting is *clearly a better choice!*™

## Greater visual appeal

Brighter, more uniform look throughout the case area

Brilliant light and consistent uniformity help create a superior selling environment throughout the entire case area. Unlike fluorescent systems, Immersion keeps the light directed on the shelves, providing higher average lux levels and a more uniform light distribution across the package facings. The hidden light source and innovative optic design significantly reduces light spill and eliminates distracting glare, making aisles feel larger and more spacious.

Multiple colors, multiple lengths to create the right look

Our system was designed to be easily incorporated into both new refrigerated display cases and retrofitted in to existing cases. It is available in both warm and cool color temperatures (3500K, 4100K and 5000K) and multiple lengths (30", 60" and 70"), giving retailers the flexibility to create the right look for their stores.

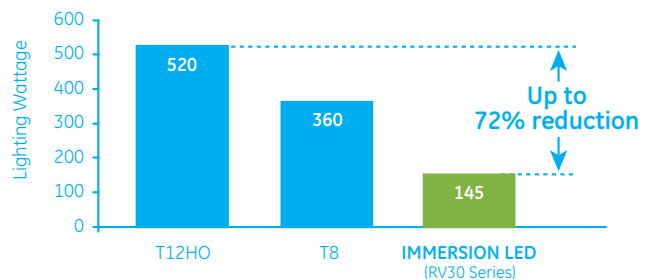
## Increased energy savings

Lower wattage reduces electric bills

The RV30 series reduces energy consumption from case lighting by up to 72% compared to T12HO fluorescent. This system is also compatible with on/off motion sensors for even greater energy savings.

### Lighting System Wattage

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

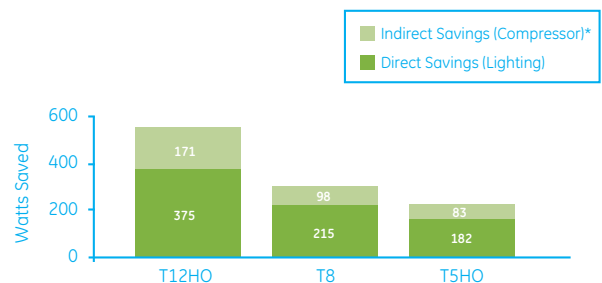


Additionally, for every watt of light reduced inside the refrigerated case, the compressor doesn't need to work as hard to remove the heat from inside.

In the chart below, if you compare Immersion to T8 fluorescent, you could save 215 watts from running the lighting system and an additional 98 watts from reduced compressor work—for a total of 313 watts saved.

### Immersion Wattage Savings

5-door case example  
(1500 mm light fixtures)





## Reduced maintenance costs

### Long life in cold environments

Immersion's RV30 system is rated to perform for 50,000 hours—that's up to 4 times longer than fluorescent. Additionally, unlike fluorescent tubes, LEDs do not require time to warm up and experience no reduction of life from being turned on and off in cold environments. This superior performance and reliability is backed by a 5-year limited warranty.

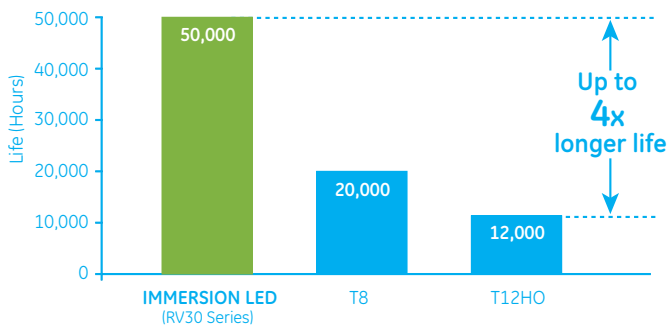
## Environmentally responsible

### Reduce energy use, CO2 emissions & material waste

Immersion can help retailers with initiatives to curb their environmental impact. Decreased energy usage significantly lowers CO2 emissions, while long life reduces material waste. Additionally, this system is RoHS and NSF compliant, has no UV or infrared, and does not contain any mercury, lead or glass — making handling and disposal less of a concern.

#### Life Comparison

Longer life reduces maintenance costs



### 5.7 years of continuous 24-hour operation saves on relamp costs

With RV30's impressive life and ongoing performance, relamping schedules of less than one year for standard fluorescent can be extended to more than 5.7 years of continuous 24-hour operation without changing a lamp—and it could be more. This significantly reduces material and labor expenses, as well as the hassle and disposal costs associated with fluorescent lamp replacement.

#### Lower CO2 emissions

If a retailer replaces T8 fluorescent lamps with Immersion RV30 LED light fixtures in 100 refrigerated case doors in each of its 100 stores, the reduction in energy usage could save over \$600,000 annually and reduce CO2 emissions by over 2,200 metric tons per year.\* That's equal to planting over 600 acres of trees each year!



\*Assumes 60-inch light fixtures installed in 5-door cases with 24/7 operation at a cost of \$0.11/kwh.

	Product Code (Single)	Product Code (10-Pack)	Description	Item	Color Temp (K)*	Illuminance (Lux)**	Life (Hours)	CRI (Typical)	Energy (Watts)	DIMENSIONAL DATA			
										Length	Width	Depth	
5000K	75955	75958	GE-LT303050CTR	30" LED Light - Center	5000	1500	50,000	70	12	(inch) (mm)	27.3 693.4	3.3 84	1.1 28
	75956	75959	GE-LT303050EDL	30" LED Light - Left End	5000	1500	50,000	70	7	(inch)	27.4	2.3	1.2
	75957	75960	GE-LT303050EDR	30" LED Light - Right End						(mm)	696	58	30
	78633	75976	GE-LT306050CTR	60" LED Light - Center	5000	1150	50,000	70	29	(inch) (mm)	57.6 1463	3.3 84	1.1 28
	78634	75977	GE-LT306050EDL	60" LED Light - Left End	5000	1150	50,000	70	14.5	(inch)	57.7	2.3	1.2
	75975	75978	GE-LT306050EDR	60" LED Light - Right End						(mm)	1466	58	30
	75995	75998	GE-LT307050CTR	70" LED Light - Center	5000	1150	50,000	70	34	(inch) (mm)	68 1727	3.3 84	1.1 28
	75996	75999	GE-LT307050EDL	70" LED Light - Left End	5000	1150	50,000	70	17	(inch)	68.1	2.3	1.2
	75997	75600	GE-LT307050EDR	70" LED Light - Right End						(mm)	1730	58	30
	4100K	75961	75968	GE-LT303041CTR	30" LED Light - Center	4100	1350	50,000	70	12	(inch) (mm)	27.3 693.4	3.3 84
75962		75969	GE-LT303041EDL	30" LED Light - Left End	4100	1350	50,000	70	7	(inch)	27.4	2.3	1.2
75963		75970	GE-LT303041EDR	30" LED Light - Right End						(mm)	696	58	30
75980		75983	GE-LT306041CTR	60" LED Light - Center	4100	1100	50,000	70	29	(inch) (mm)	57.6 1463	3.3 84	1.1 28
75981		75984	GE-LT306041EDL	60" LED Light - Left End	4100	1100	50,000	70	14.5	(inch)	57.7	2.3	1.2
75982		75985	GE-LT306041EDR	60" LED Light - Right End						(mm)	1466	58	30
76002		76005	GE-LT307041CTR	70" LED Light - Center	4100	1100	50,000	70	34	(inch) (mm)	68 1727	3.3 84	1.1 28
76003		76006	GE-LT307041EDL	70" LED Light - Left End	4100	1100	50,000	70	17	(inch)	68.1	2.3	1.2
76004	76007	GE-LT307041EDR	70" LED Light - Right End	(mm)						1730	58	30	
3500K	75987	75990	GE-LT306035CTR	60" LED Light - Center	3500	1050	50,000	70	29	(inch) (mm)	57.6 1463	3.3 84	1.1 28
	75988	75991	GE-LT306035EDL	60" LED Light - Left End	3500	1050	50,000	70	14.5	(inch)	57.7	2.3	1.2
	75989	75992	GE-LT306035EDR	60" LED Light - Right End						(mm)	1466	58	30
	76009	76012	GE-LT307035CTR	70" LED Light - Center	3500	1050	50,000	70	34	(inch) (mm)	68 1727	3.3 84	1.1 28
	76010	76013	GE-LT307035EDL	70" LED Light - Left End	3500	1050	50,000	70	17	(inch)	68.1	2.3	1.2
	76011	76014	GE-LT307035EDR	70" LED Light - Right End						(mm)	1730	58	30

## Accessories

Product Code	Description	Item	DIMENSIONAL DATA			
			Length	Width	Depth	
78348	GE-PS1700NCMUL-SY	Constant Current LED Driver	(inch) (mm)	12.1 307	1.7 43	1.2 30
74915	GE080/G/V24T1-A	Constant Voltage LED Driver	(inch) (mm)	9.5 241	1.7 43	1.2 30
75974	GE-CV-LT3060CTR	Universal Wire Cover - Center and End	(inch) (mm)	1.6 41	1.3 33	1.0 25
75971	GE-MC-LT3060CTR	Universal Mounting Clip - Center	(inch) (mm)	0.9 23	1.2 30	1.1 27
75972	GE-MC-LT3060ED1	Universal Mounting Clip - End #1	(inch) (mm)	0.9 23	1.0 25	1.0 25
75973	GE-MC-LT3060ED2	Universal Mounting Clip - End #2	(inch) (mm)	0.9 23	1.0 25	1.0 25

\*Color temp (CCT) +/- 10%

\*\*Initial illuminance (lux) +/-15% based on typical in-store performance in an appropriately sized case. 30" lights measured at 3" throw; 60" and 70" lights measured at 6" throw.

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.



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