

GE
Lighting

Product brochure

IMMERSION™

LED Refrigerated Display Lighting

Vertical cases
RV40 Series



a product of
ecomagination™



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 lose money every day as they wait to replace inefficient fluorescent lighting in their refrigerated cabinets - really time to make the switch and Immersion LED range is the ideal package to start generating wonderful savings.

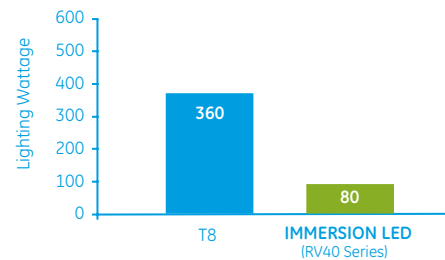
Impressive Energy Savings

Less wattage in every case

The Immersion RV40 system operates on as little as 16 watts of energy per door, reducing case lighting energy consumption dramatically compared to T8 fluorescent systems for instance. GE system is dimmable and is also compatible with occupancy sensors for even greater energy savings.

Lighting System Wattage

5-door case example
(1.5m lightbars)

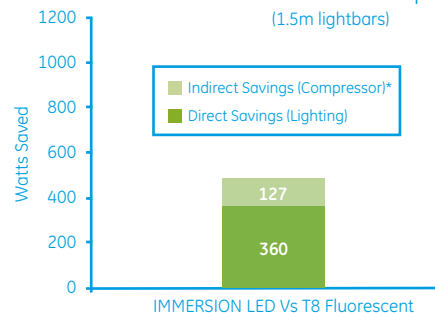


Additional indirect energy savings

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 Full Wattage Savings

5-door case example
(1.5m lightbars)



*Compressor savings are dependent on case temperature and design.

Lower CO² emissions and waste

Immersion RV40 efficiently uses less energy, reducing CO² 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.

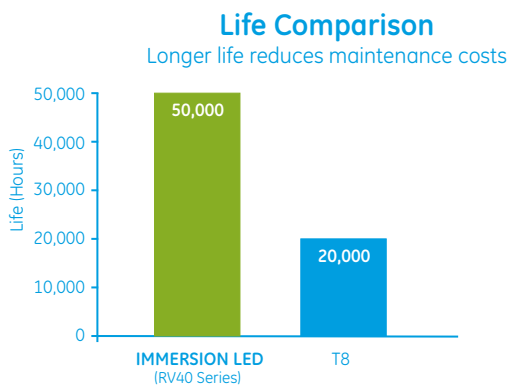




Lower Maintenance Expenses

Long life over fluorescent

Immersion RV40 has a rated life of 50,000 hours - which is much 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 as well as eliminating 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
- CO₂ emissions reduced by >1,400 metric tons ...that's equal to planting >400 acres of trees

LED lights

	Product Code (Single)	Product Code (10-Pack)	Description	Item	Colour Temp (K)*	Lumens**	LPW	PERFORMANCE DATA				DIMENSIONAL DATA			
								Avg Lux (CTR Door)**	Life (Hours)	CRI (Typical)	Power (Watts)***	Length (L)	Width (W)	Depth (D)	
5000K	79777	79780	GELT403050CTR-SY, -SB	30" LED Light - Center	5000	644	82.6	1270	50,000	75	7.8	(inch) (mm)	29.30 744.2	2.58 65.5	1.28 32.5
	79778	79781	GELT403050EDR-SY, -SB	30" LED Light - Right End	5000	379	90.2		50,000	75	4.2	(inch)	29.30	2.06	1.59
	79779	79782	GELT403050EDL-SY, -SB	30" LED Light - Left End								(mm)	744.2	52.4	40.4
	79795	79798	GELT403650CTR-SY, -SB	36" LED Light - Center	5000	652	78.6	1110	50,000	75	8.3	(inch) (mm)	35.16 893.1	2.58 65.5	1.28 32.5
	79796	79799	GELT403650EDR-SY, -SB	36" LED Light - Right End	5000	395	89.8		50,000	75	4.4	(inch)	35.16	2.06	1.59
	79797	79800	GELT403650EDL-SY, -SB	36" LED Light - Left End								(mm)	893.1	52.4	40.4
	79741	79744	GELT406050CTR-SY, -SB	60" LED Light - Center	5000	1070	66.9	930	50,000	75	16	(inch) (mm)	60.3 1532	2.58 65.5	1.28 32.5
	79742	79745	GELT406050EDR-SY, -SB	60" LED Light - Right End	5000	650	81.3		50,000	75	8	(inch)	60.3	2.06	1.59
	79743	79746	GELT406050EDL-SY, -SB	60" LED Light - Left End								(mm)	1532	52.4	40.4
	79759	79762	GELT407050CTR-SY, -SB	70" LED Light - Center	5000	1268	65.7	1030	50,000	75	19.3	(inch) (mm)	70.75 1797.1	2.58 65.5	1.28 32.5
	79760	79763	GELT407050EDR-SY, -SB	70" LED Light - Right End	5000	739	78.9		50,000	75	10	(inch)	70.75	2.06	1.59
79761	79764	GELT407050EDL-SY, -SB	70" LED Light - Left End	(mm)								1797.1	52.4	40.4	
4000K	79783	79786	GELT403040CTR-SY, -SB	30" LED Light - Center	4000	606	77.7	1130	50,000	80	7.8	(inch) (mm)	29.30 744.2	2.58 65.5	1.28 32.5
	79784	79787	GELT403040EDR-SY, -SB	30" LED Light - Right End	4000	335	79.8		50,000	80	4.2	(inch)	29.30	2.06	1.59
	79785	79788	GELT403040EDL-SY, -SB	30" LED Light - Left End								(mm)	744.2	52.4	40.4
	79801	79804	GELT403640CTR-SY, -SB	36" LED Light - Center	4000	638	76.9	980	50,000	80	8.3	(inch) (mm)	35.16 893.1	2.58 65.5	1.28 32.5
	79802	79805	GELT403640EDR-SY, -SB	36" LED Light - Right End	4000	331	75.2		50,000	80	4.4	(inch)	35.16	2.06	1.59
	79803	79806	GELT403640EDL-SY, -SB	36" LED Light - Left End								(mm)	893.1	52.4	40.4
	79747	79750	GELT406040CTR-SY, -SB	60" LED Light - Center	4000	1070	59	990	50,000	80	18	(inch) (mm)	60.3 1532	2.58 65.5	1.28 32.5
	79748	79751	GELT406040EDR-SY, -SB	60" LED Light - Right End	4000	650	72		50,000	80	9	(inch)	60.3	2.06	1.59
	79749	79752	GELT406040EDL-SY, -SB	60" LED Light - Left End								(mm)	1532	52.4	40.4
	79765	79768	GELT407040CTR-SY, -SB	70" LED Light - Center	4000	1213	62.8	940	50,000	80	19.3	(inch) (mm)	70.75 1797.1	2.58 65.5	1.28 32.5
	79766	79769	GELT407040EDR-SY, -SB	70" LED Light - Right End	4000	695	69.5		50,000	80	10	(inch)	70.75	2.06	1.59
79767	79770	GELT407040EDL-SY, -SB	70" LED Light - Left End	(mm)								1797.1	52.4	40.4	

*Colour temp (CCT) +/- 10%

**Values based on typical in-store performance. Average Lux (illuminance) measured at door centre point and at 5" (12,7cm) throw distance from the mullion to the shelf.

***System watts AC, based on typical in-store performance.

Accessories

Product Code (Single)	Product Code (10-pack)	Description	Item	DIMENSIONAL DATA			
				Length (L)	Width (W)	Depth (D)	
79813	N/A	GEPS4000NCMUL-SY	LED Driver - 12VDC/60W	(inch)	10.75	1.65	1.05
				(mm)	273	42	26.7
N/A	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.



www.gelighting.com/eu/led

GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications from time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted by law.