

Elite

Refrigerated Display Cases

Project Name _____

Date _____ Type _____

Notes _____



PRODUCT DESCRIPTION

The Immersion Elite series LED system is an energy-efficient & low maintenance alternative to traditional linear fluorescent lamps for refrigerated display cases. Compact and slim in design, Immersion Elite features three tiers of products; offering more flexibility than other LED systems for refrigerated display cases.

APPLICATION

- Designed for medium temperature and freezer door applications.
- Ideal for grocery & convenience stores along with Supercenters.

PRODUCT DETAILS

Immersion™ Elite Eco

The most efficient and lowest wattage while offering superior light quality.

Immersion™ Elite Standard

The best combination that strikes a balance between efficiency and light output.

LUMEN MAINTENANCE

- LM-79, LM-80 tests and reports are performed in accordance to IESNA standards.
- Projected L70 ≥ 50,000 life hours per IES TM-21.

ELECTRICAL SYSTEM

Input Voltages = 24VDC

WARRANTY

5-year limited system warranty

CERTIFICATIONS/MARKINGS

UL Recognized, UL Classified Retrofit, CSA (NSF 2 - Packaged Foods), UL Damp Rated, IP65

QUICK SPEC COMPARISON

60" 5000K Product Info	Elite Eco	Elite Standard
Center Bar Lumens	1216	1710
Lumens Per Watt	145	137
Watts Per Door*	10	16
CRI	80	85

* Watts per door calculation is representative of a 5 door refrigeration case using AC Watts

Product Model Logic

ELV3	Product	Glare Shield	Length in Inches	Color Temp	Type	Packaging
EL = Elite	E = Eco	G = Glare Shield	30 = 30"	35 = 3500K	C = Center	S = Single
V = Vertical	S = Standard	C = Compact	48 = 48"	40 = 4000K	R = Right End Bar	B = Bulk (10 pack)
3 = Generation			60 = 60"	50 = 5000K	L = Left End Bar	
			67 = 67"			
			73 = 73" (Only available with Eco)			

Product Model Example: ELV3EG4850RS

Immersion™ Elite

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Immersion™ Elite Eco

Performance characteristics are valid for both the G and C (Glare Shield and Compact) options, as well as B and S (Bulk and Single) options.

Please refer to the Product Description Logic in page 1 to enter the full part number required for your order

			Product Model	Item Description	Power (DC Watts)*	Light Output (Lumens)	Lumens Per Watt
80 CRI	3500K	Center Bars	ELV3E_3035C_	30" (735mm) Center	4.2	626	149
			ELV3E_4835C_	48" (1219mm) Center	7.0	1042	149
			ELV3E_6035C_	60" (1524mm) Center	8.4	1251	149
			ELV3E_6735C_	67" (1708mm) Center	8.4	1251	149
			ELV3E_7335C_	73" (1864mm) Center	9.7	1459	150
		Right or Left End Choose between R or L (R/L) for the desired end bar	ELV3E_3035R/L_	30" (735mm) Right and Left End	2.8	357	127
			ELV3E_4835R/L_	48" (1219mm) Right and Left End	5.6	713	127
			ELV3E_6035R/L_	60" (1524mm) Right and Left End	5.6	713	127
			ELV3E_6735R/L_	67" (1708mm) Right and Left End	7.0	891	127
			ELV3E_7335R/L_	73" (1864mm) Right and Left End	8.4	1070	127
	4000K	Center Bars	ELV3E_3040C_	30" (735mm) Center	4.2	636	151
			ELV3E_4840C_	48" (1219mm) Center	7.0	1060	151
			ELV3E_6040C_	60" (1524mm) Center	8.4	1272	151
			ELV3E_6740C_	67" (1708mm) Center	8.4	1272	151
			ELV3E_7340C_	73" (1864mm) Center	9.7	1484	153
		Right or Left End Choose between R or L (R/L) for the desired end bar	ELV3E_3040R/L_	30" (735mm) Right and Left End	2.8	363	129
			ELV3E_4840R/L_	48" (1219mm) Right and Left End	5.6	725	129
			ELV3E_6040R/L_	60" (1524mm) Right and Left End	5.6	725	129
			ELV3E_6740R/L_	67" (1708mm) Right and Left End	7.0	907	130
			ELV3E_7340R/L_	73" (1864mm) Right and Left End	8.4	1088	129
5000K	Center Bars	ELV3E_3050C_	30" (735mm) Center	4.2	637	152	
		ELV3E_4850C_	48" (1219mm) Center	7.0	1061	152	
		ELV3E_6040C_	60" (1524mm) Center	8.4	1273	152	
		ELV3E_6750C_	67" (1708mm) Center	8.4	1273	152	
		ELV3E_7350C_	73" (1864mm) Center	9.7	1485	153	
	Right or Left End Choose between R or L (R/L) for the desired end bar	ELV3E_3050R/L_	30" (735mm) Right and Left End	2.8	363	129	
		ELV3E_4850R/L_	48" (1219mm) Right and Left End	5.6	726	130	
		ELV3E_6050R/L_	60" (1524mm) Right and Left End	5.6	726	130	
		ELV3E_6750R/L_	67" (1708mm) Right and Left End	7.0	907	130	
		ELV3E_7350R/L_	73" (1864mm) Right and Left End	8.4	1088	130	

Typical DC Watts. To convert to AC Watts, divide by LED driver efficiency.

Immersion™ Elite

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Immersion™ Elite Standard

Performance characteristics are valid for both the G and C (Glare Shield and Compact) options, as well as B and S (Bulk and Single) options.

Please refer to the Product Description Logic in page 1 to enter the full part number required for your order

			Product Model	Item Description	Power (DC Watts)*	Light Output (Lumens)	Lumens Per Watt
85 CRI	3500K	Center Bars	ELV3S_3035C_	30" (735mm) Center	5.6	768	137
			ELV2S_4835C_	48" (1219mm) Center	9.7	1344	139
			ELV3S_6035C_	60" (1524mm) Center	12.5	1728	138
			ELV3S_6735C_	67" (1708mm) Center	13.9	1919	138
		Right or Left End Choose between R or L (R/L) for the desired end bar	ELV3S_3035R/L_	30" (735mm) Right and Left End	4.2	493	117
			ELV3S_4835R/L_	48" (1219mm) Right and Left End	7.0	821	117
			ELV3S_6035R/L_	60" (1524mm) Right and Left End	9.7	1149	118
			ELV3S_6735R/L_	67" (1708mm) Right and Left End	9.7	1149	118
	4000K	Center Bars	ELV3S_3040C_	30" (735mm) Center	5.6	777	139
			ELV3S_4840C_	48" (1219mm) Center	9.7	1359	140
			ELV3S_6040C_	60" (1524mm) Center	12.5	1747	140
			ELV3S_6740C_	67" (1708mm) Center	13.9	1941	140
		Right or Left End Choose between R or L (R/L) for the desired end bar	ELV3S_3040R/L_	30" (735mm) Right and Left End	4.2	498	119
			ELV3S_4840R/L_	48" (1219mm) Right and Left End	7.0	830	119
			ELV3S_6040R/L_	60" (1524mm) Right and Left End	9.7	1162	120
			ELV3S_6740R/L_	67" (1708mm) Right and Left End	9.7	1162	120
	5000K	Center Bars	ELV3S_3050C_	30" (735mm) Center	5.6	792	141
			ELV3S_4850C_	48" (1219mm) Center	9.7	1386	143
			ELV3S_6040C_	60" (1524mm) Center	12.5	1782	143
			ELV3S_6750C_	67" (1708mm) Center	13.9	1979	142
Right or Left End Choose between R or L (R/L) for the desired end bar		ELV3S_3050R/L_	30" (735mm) Right and Left End	4.2	508	121	
		ELV3S_4850R/L_	48" (1219mm) Right and Left End	7.0	846	121	
		ELV3S_6050R/L_	60" (1524mm) Right and Left End	9.7	1185	122	
		ELV3S_6750R/L_	67" (1708mm) Right and Left End	9.7	1185	122	

Typical DC Watts. To convert to AC Watts, divide by LED driver efficiency.

Immersion™ Elite

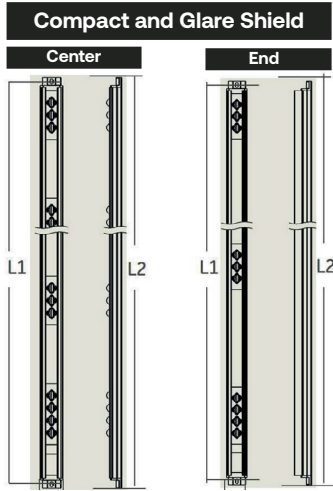
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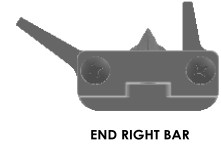
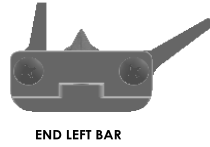
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Immersion™ Elite



Glare Shield



Compact



Product Information

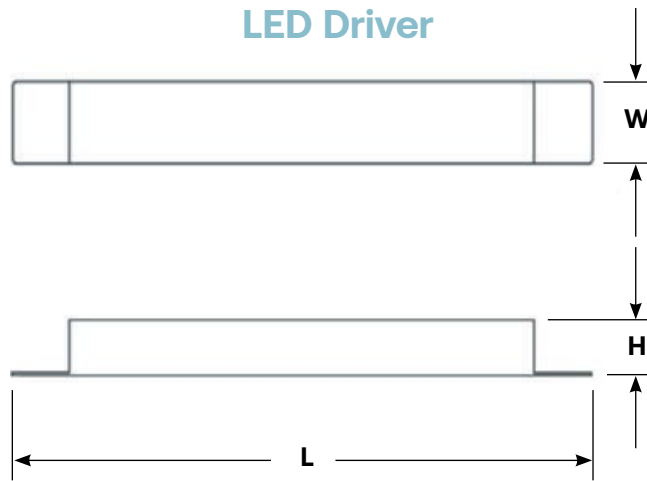
Length in Inches (mm)	L1: Slot to Slot Length in Inches (mm)	L2: Total Bar Length in inches (mm)
30"	27.2 (691.4)	27.5 (699.4)
48"	46.4 (1179.6)	46.8 (1187.5)
60"	58.3 (1480.3)	58.6 (1488.3)
67"	65.4 (1660.7)	65.7 (1668.7)
73" (Eco Bars only)	73.1 (1855.8)	73.4 (1863.8)

	Width in Inches (mm)	Height in Inches (mm)
Compact Center Bar	1 (25.2)	0.71 (17.93)
Compact End Bar	1 (25.2)	0.82 (20.94)
Glareshield Center Bar	1.8 (46.32)	0.71 (17.93)
Glareshield End Bar	1.6 (41.48)	0.93 (23.53)

LED Driver Performance Data

	GEPS6100NCCON-SY; 24V-100W Product Code: 13798	GELP24-100U-GLX; 24V-100W Product Code: 93027033	GEPS24D-100U-NA; 24V-100W Product Code: 93077673G	GEPS24D-60U-GLX; 24V-60W Product Code: 93159242
Dimming	Yes (Step - Contact Input)	No	Yes (0-10V)	Yes (0-10V)
Output Power (Watts)	96	96	60	60
Input Voltage (VAC)	120-240V	120-277V	120-277V	120-277V
Input Line Frequency (Hz)	50/60	50/60	50/60	50/60
Length	10.7 inch (273mm)	9.5 inch (241mm)	9.5 inch (241mm)	5.8 inch (148.2mm)
Width	1.7 inch (43mm)	1.7 inch (43mm)	1.7 inch (43mm)	1.8 inch (45.6mm)
Height	1.1 inch (28mm)	1.0 inch (25.4mm)	1.0 inch (25.4mm)	1.0 inch (25.4mm)

Refer to Power Supply Guide on website for detailed information on Immersion Power Supplies



Immersion™ Elite Accessory

Product Code	Product Description	Item Description
93034656	GE-CV-ELITE	Elite Wire Cover (10 per box)

Wire Cover
Dimensions
(mm)

