



Immersion™ Elite

Refrigerated Display Cases

Product Description

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

Immersion™ Elite Premium

The highest light output and CRI, while still having great efficiency

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 years limited system warranty

Certifications/Markings

UL, CSA, NSF, CE, DLC qualified, IP65 rated

Quick Spec Comparison

60" 5000CCT Product Info	Elite Eco	Elite Standard	Elite Premium
Center Bar Lumens	1216	1804	1965
Lumens Per Watt	121	107	97
Watts Per Door*	11	20	24
CRI	80	85	90

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



Product Description Logic

Product		Length in Inches	Color Temp	Type	Packaging
EL = Elite	E = Eco	30 = 30"	35 = 3500K	C = Center	S = Single
V = Vertical	S = Standard	48 = 48"	40 = 4000K	R = End Right	B = Bulk (10 pack)
FD = French Door	P = Premium	60 = 60"	50 = 5000K	L = End Left	
1 = Generation		67 = 67"			

Immersion™ Elite Eco

		Product Code Single (Bulk)	Product Description	Item Description	Power (DC Watts)*	Light Output Lumens	Lumens Per Watt	
80 CRI	3500 K	93025128 (93025181)	ELV1E4835CS/B	48" (1219mm) Center	7.9	899	113	
		93025129 (93025182)	ELV1E4835RS/B	48" (1219mm) End Right	5.3	545	103	
		93025130 (93025183)	ELV1E4835LS/B	48" (1219mm) End Left	5.3	545	103	
		93025190 (93025193)	ELV1E6035CS/B	60" (1524mm) Center	10.1	1132	112	
		93025191 (93025194)	ELV1E6035RS/B	60" (1524mm) End Right	5.3	545	103	
		93025192 (93025195)	ELV1E6035LS/B	60" (1524mm) End Left	5.3	545	103	
	4000 K	3500 K	93025196 (93025199)	ELV1E6735CS/B	67" (1708mm) Center	10.1	1132	112
			93025197 (93025200)	ELV1E6735RS/B	67" (1708mm) End Right	6.7	686	102
			93025198 (93025201)	ELV1E6735LS/B	67" (1708mm) End Left	6.7	686	102
			93025184 (93025187)	ELV1E4840CS/B	48" (1219mm) Center	7.9	912	115
			93025185 (93025188)	ELV1E4840RS/B	48" (1219mm) End Right	5.3	553	105
			93025186 (93025189)	ELV1E4840LS/B	48" (1219mm) End Left	5.3	553	105
5000 K		4000 K	93023335 (93023405)	ELV1E6040CS/B	60" (1524mm) Center	10.1	1150	114
			93023386 (93023406)	ELV1E6040RS/B	60" (1524mm) End Right	5.3	553	105
			93023397 (93023407)	ELV1E6040LS/B	60" (1524mm) End Left	5.3	553	105
			93025202 (93025205)	ELV1E6740CS/B	67" (1708mm) Center	10.1	1150	114
			93025203 (93025206)	ELV1E6740RS/B	67" (1708mm) End Right	6.7	697	104
			93025204 (93025207)	ELV1E6740LS/B	67" (1708mm) End Left	6.7	697	104
5000 K	5000 K	93025035 (93025038)	ELV1E4850CS/B	48" (1219mm) Center	7.9	965	122	
		93025036 (93025039)	ELV1E4850RS/B	48" (1219mm) End Right	5.3	585	111	
		93025037 (93025040)	ELV1E4850LS/B	48" (1219mm) End Left	5.3	585	111	
		93023408 (93023336)	ELV1E6050CS/B	60" (1524mm) Center	10.1	1216	121	
		93023409 (93023337)	ELV1E6050RS/B	60" (1524mm) End Right	5.3	585	111	
		93023410 (93023338)	ELV1E6050LS/B	60" (1524mm) End Left	5.3	585	111	
5000 K	5000 K	93025051 (93025054)	ELV1E6750CS/B	67" (1708mm) Center	10.1	1216	121	
		93025052 (93025055)	ELV1E6750RS/B	67" (1708mm) End Right	6.7	737	110	
		93025053 (93025056)	ELV1E6750LS/B	67" (1708mm) End Left	6.7	737	110	

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

Immersion™ Elite Standard

		Product Code Single (Bulk)	Product Description	Item Description	Power (DC Watts)*	Light Output Lumens	Lumens Per Watt	
85 CRI	3500 K	93025208 (93025211)	ELV1S4835CS/B	48" (1219mm) Center	13.4	1327	99	
		93025209 (93025212)	ELV1S4835RS/B	48" (1219mm) End Right	7.9	718	91	
		93025210 (93025213)	ELV1S4835LS/B	48" (1219mm) End Left	7.9	718	91	
		93025226 (93025229)	ELV1S6035CS/B	60" (1524mm) Center	16.8	1658	99	
		93025227 (93025230)	ELV1S6035RS/B	60" (1524mm) End Right	10.6	957	91	
		93025228 (93025231)	ELV1S6035LS/B	60" (1524mm) End Left	10.6	957	91	
	4000 K	3500 K	93025232 (93025235)	ELV1S6735CS/B	67" (1708mm) Center	16.8	1658	99
			93025233 (93025236)	ELV1S6735RS/B	67" (1708mm) End Right	10.6	957	91
			93025234 (93025237)	ELV1S6735LS/B	67" (1708mm) End Left	10.6	957	91
			93025214 (93025217)	ELV1S4840CS/B	48" (1219mm) Center	13.4	1347	100
			93025215 (93025218)	ELV1S4840RS/B	48" (1219mm) End Right	7.9	729	92
			93025216 (93025219)	ELV1S4840LS/B	48" (1219mm) End Left	7.9	729	92
5000 K		4000 K	93023339 (93023382)	ELV1S6040CS/B	60" (1524mm) Center	16.8	1684	100
			93023340 (93023383)	ELV1S6040RS/B	60" (1524mm) End Right	10.6	972	92
			93023381 (93023384)	ELV1S6040LS/B	60" (1524mm) End Left	10.6	972	92
			93025069 (93025072)	ELV1S6740CS/B	67" (1708mm) Center	16.8	1684	100
			93025070 (93025073)	ELV1S6740RS/B	67" (1708mm) End Right	10.6	972	92
			93025071 (93025074)	ELV1S6740LS/B	67" (1708mm) End Left	10.6	972	92
5000 K	5000 K	93025220 (93025223)	ELV1S4850CS/B	48" (1219mm) Center	13.4	1443	107	
		93025221 (93025224)	ELV1S4850RS/B	48" (1219mm) End Right	7.9	781	99	
		93025222 (93025225)	ELV1S4850LS/B	48" (1219mm) End Left	7.9	781	99	
		93023385 (93023389)	ELV1S6050CS/B	60" (1524mm) Center	16.8	1804	107	
		93023387 (93023390)	ELV1S6050RS/B	60" (1524mm) End Right	10.6	1041	99	
		93023388 (93023391)	ELV1S6050LS/B	60" (1524mm) End Left	10.6	1041	99	
5000 K	5000 K	93025075 (93025078)	ELV1S6750CS/B	67" (1708mm) Center	16.8	1804	107	
		93025076 (93025079)	ELV1S6750RS/B	67" (1708mm) End Right	10.6	1041	99	
		93025077 (93025080)	ELV1S6750LS/B	67" (1708mm) End Left	10.6	1041	99	

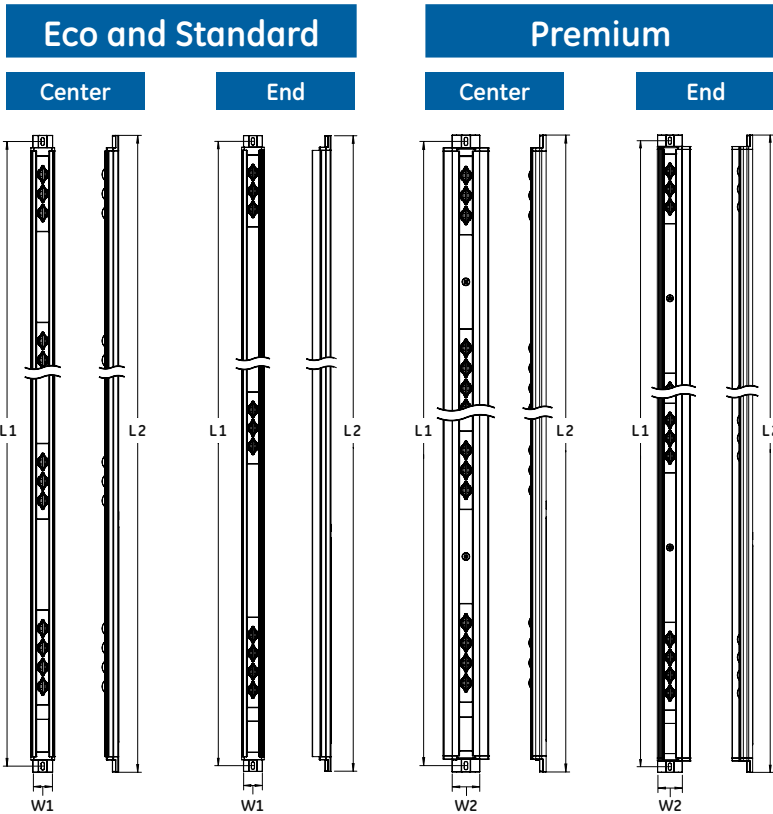
* Typical DC Watts. To convert to AC Watts, divide by LED driver efficiency.

Immersion™ Elite Premium

		Product Code Single (Bulk)	Product Description	Item Description	Power (DC Watts)*	Light Output Lumens	Lumens Per Watt
90 CRI	3500K	93025238 (93025241)	ELV1P4835CS/B	48" (1219mm) Center	16.8	1486	88
		93025239 (93025242)	ELV1P4835RS/B	48" (1219mm) End Right	10.1	811	80
		93025240 (93025243)	ELV1P4835LS/B	48" (1219mm) End Left	10.1	811	80
		93025256 (93025259)	ELV1P6035CS/B	60" (1524mm) Center	20.2	1784	88
		93025257 (93025260)	ELV1P6035RS/B	60" (1524mm) End Right	13.4	1081	80
		93025258 (93025261)	ELV1P6035LS/B	60" (1524mm) End Left	13.4	1081	80
		93025262 (93025265)	ELV1P6735CS/B	67" (1708mm) Center	23.5	2081	88
		93025263 (93025266)	ELV1P6735RS/B	67" (1708mm) End Right	13.4	1081	80
	93025264 (93025267)	ELV1P6735LS/B	67" (1708mm) End Left	13.4	1081	80	
	4000K	93025244 (93025247)	ELV1P4840CS/B	48" (1219mm) Center	16.8	1510	90
		93025245 (93025248)	ELV1P4840RS/B	48" (1219mm) End Right	10.1	823	82
		93025246 (93025249)	ELV1P4840LS/B	48" (1219mm) End Left	10.1	823	82
		93025252 (93025295)	ELV1P6040CS/B	60" (1524mm) Center	20.2	1812	90
		93023393 (93023396)	ELV1P6040RS/B	60" (1524mm) End Right	13.4	1098	82
		93023394 (93023398)	ELV1P6040LS/B	60" (1524mm) End Left	13.4	1098	82
		93025057 (93025060)	ELV1P6740CS/B	67" (1708mm) Center	23.5	2114	90
		93025058 (93025061)	ELV1P6740RS/B	67" (1708mm) End Right	13.4	1098	82
	93025059 (93025062)	ELV1P6740LS/B	67" (1708mm) End Left	13.4	1098	82	
	5000K	93025250 (93025253)	ELV1P4850CS/B	48" (1219mm) Center	16.8	1637	97
		93025251 (93025254)	ELV1P4850RS/B	48" (1219mm) End Right	10.1	893	89
		93025252 (93025255)	ELV1P4850LS/B	48" (1219mm) End Left	10.1	893	89
		93023399 (93023402)	ELV1P6050CS/B	60" (1524mm) Center	20.2	1965	97
		93023400 (93023403)	ELV1P6050RS/B	60" (1524mm) End Right	13.4	1191	89
		93023401 (93023404)	ELV1P6050LS/B	60" (1524mm) End Left	13.4	1191	89
		93025063 (93025066)	ELV1P6750CS/B	67" (1708mm) Center	23.5	2292	97
		93025064 (93025067)	ELV1P6750RS/B	67" (1708mm) End Right	13.4	1191	89
	93025065 (93025068)	ELV1P6750LS/B	67" (1708mm) End Left	13.4	1191	89	

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

Product Dimensions



Product Information

Length inch (mm)	L1 inch (mm)	L2 inch (mm)
48 (1129)	46.2 (1174)	46.7 (1187)
60 (1524)	58.1 (1475)	58.6 (1488)
67 (1701)	65.2 (1655)	65.7 (1668)

Width	inch	(mm)
W1	1.0	(25.4)
W2	1.8	(45.7)

LED Driver Performance Data

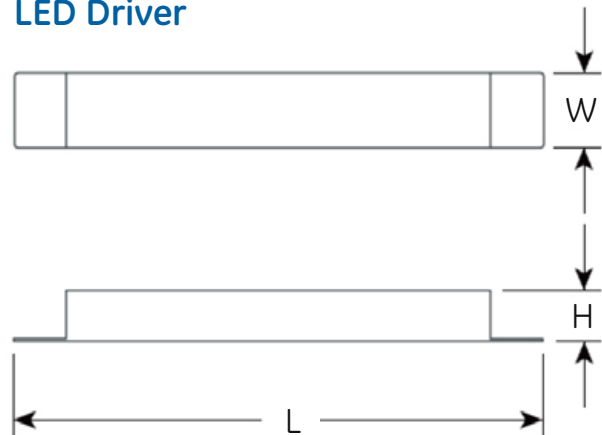
	GEPS6100; 24V-100W Product Code: 13798	GEPS6500; 24V-50W Product Code: 68595	GELP24-100U-GL; 24V-100W Product Code: 93027033	GELP24-60U-GL; 24V-60W Product Code: 93027034
Dimming	Yes	Yes	No	No
Output Power (Watts)	96	50	96	60
Input Voltage (VAC)	120-277	120-277	120-277	120-277
Input Line Frequency (Hz)	50/60	50/60	50/60	50/60
Length	10.7 inch (273mm)	10.7 inch (273mm)	9.5 inch (241mm)	9.5 inch (241mm)
Width	1.7 inch (43mm)	1.7 inch (43mm)	1.7 inch (43mm)	1.7 inch (43mm)
Height	1.1 inch (28mm)	1.1 inch (28mm)	1.0 inch (25mm)	1.0 inch (25mm)

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

LED Driver Dimensional Data

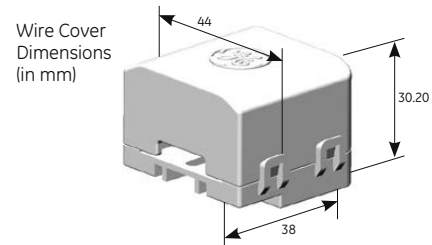
	Length inch (mm)	Width inch (mm)	Height inch (mm)
GEPS6100	10.7 (273)	1.7 (43)	1.1 (28)
GEPS6500	10.7 (273)	1.65 (42)	1.1 (28)

LED Driver



Immersion™ Elite Accessory

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



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