



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.

Applications

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

Immersion™ Elite Standard

Product Code Single (Bulk)	Product Description	Item Description	Power [DC Watts]*	Light Output [lm]	System Efficiency [lm/W]	Colour Temperature [K]	CRI [Ra]
93025208 (93025211)	ELV1S4835CS/B	1219mm /Center	13.4	1327	99	3500	85
93025209 (93025212)	ELV1S4835RS/B	1219mm /End Right	7.9	718	91	3500	85
93025210 (93025213)	ELV1S4835LS/B	1219mm /End Left	7.9	718	91	3500	85
93025226 (93025229)	ELV1S6035CS/B	1524mm /Center	16.8	1658	99	3500	85
93025227 (93025230)	ELV1S6035RS/B	1524mm /End Right	10.6	957	91	3500	85
93025228 (93025231)	ELV1S6035LS/B	1524mm /End Left	10.6	957	91	3500	85
93025232 (93025235)	ELV1S6735CS/B	1708mm /Center	16.8	1658	99	3500	85
93025233 (93025236)	ELV1S6735RS/B	1708mm /End Right	10.6	957	91	3500	85
93025234 (93025237)	ELV1S6735LS/B	1708mm /End Left	10.6	957	91	3500	85

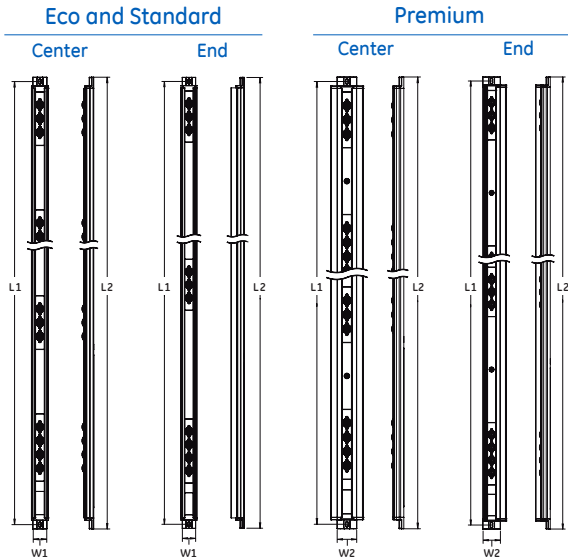
Product Code Single (Bulk)	Product Description	Item Description	Power [DC Watts]*	Light Output [lm]	System Efficiency (lm/W)	Colour Temperature [K]	CRI [Ra]
93025214 (93025217)	ELV1S4840CS/B	1219mm /Center	13.4	1347	100	4000	85
93025215 (93025218)	ELV1S4840RS/B	1219mm /End Right	7.9	729	92	4000	85
93025216 (93025219)	ELV1S4840LS/B	1219mm /End Left	7.9	729	92	4000	85
93023339 (93023382)	ELV1S6040CS/B	1524mm /Center	16.8	1684	100	4000	85
93023340 (93023383)	ELV1S6040RS/B	1524mm /End Right	10.6	972	92	4000	85
93023381 (93023384)	ELV1S6040LS/B	1524mm /End Left	10.6	972	92	4000	85
93025069 (93025072)	ELV1S6740CS/B	1708mm /Center	16.8	1684	100	4000	85
93025070 (93025073)	ELV1S6740RS/B	1708mm /End Right	10.6	972	92	4000	85
93025071 (93025074)	ELV1S6740LS/B	1708mm /End Left	10.6	972	92	4000	85
93025220 (93025223)	ELV1S4850CS/B	1219mm /Center	13.4	1443	107	5000	85
93025221 (93025224)	ELV1S4850RS/B	1219mm /End Right	7.9	781	99	5000	85
93025222 (93025225)	ELV1S4850LS/B	1219mm /End Left	7.9	781	99	5000	85
93023385 (93023389)	ELV1S6050CS/B	1524mm /Center	16.8	1804	107	5000	85
93023387 (93023390)	ELV1S6050RS/B	1524mm /End Right	10.6	1041	99	5000	85
93023388 (93023391)	ELV1S6050LS/B	1524mm /End Left	10.6	1041	99	5000	85
93025075 (93025078)	ELV1S6750CS/B	1708mm /Center	16.8	1804	107	5000	85
93025076 (93025079)	ELV1S6750RS/B	1708mm /End Right	10.6	1041	99	5000	85
93025077 (93025080)	ELV1S6750LS/B	1708mm /End Left	10.6	1041	99	5000	85

Immersion™ Elite Premium

Product Code Single (Bulk)	Product Description	Item Description	Power [DC Watts]*	Light Output [lm]	System Efficiency (lm/W)	Colour Temperature [K]	CRI [Ra]
93025238 (93025241)	ELV1P4835CS/B	1219mm /Center	16.8	1486	88	3500	90
93025239 (93025242)	ELV1P4835RS/B	1219mm /End Right	10.1	811	80	3500	90
93025240 (93025243)	ELV1P4835LS/B	1219mm /End Left	10.1	811	80	3500	90
93025256 (93025259)	ELV1P6035CS/B	1524mm /Center	20.2	1784	88	3500	90
93025257 (93025260)	ELV1P6035RS/B	1524mm /End Right	13.4	1081	80	3500	90
93025258 (93025261)	ELV1P6035LS/B	1524mm /End Left	13.4	1081	80	3500	90
93025262 (93025265)	ELV1P6735CS/B	1708mm /Center	20.2	2081	88	3500	90
93025263 (93025266)	ELV1P6735RS/B	1708mm /End Right	13.4	1081	80	3500	90
93025264 (93025267)	ELV1P6735LS/B	1708mm /End Left	13.4	1081	80	3500	90
93025244 (93025247)	ELV1P4840CS/B	1219mm /Center	16.8	1510	90	4000	90
93025245 (93025248)	ELV1P4840RS/B	1219mm /End Right	10.1	823	82	4000	90
93025246 (93025249)	ELV1P4840LS/B	1219mm /End Left	10.1	823	82	4000	90
93023392 (93023395)	ELV1P6040CS/B	1524mm /Center	20.2	1812	90	4000	90
93023393 (93023396)	ELV1P6040RS/B	1524mm /End Right	13.4	1098	82	4000	90
93023394 (93023398)	ELV1P6040LS/B	1524mm /End Left	13.4	1098	82	4000	90
93025057 (93025060)	ELV1P6740CS/B	1708mm /Center	20.2	2114	90	4000	90
93025058 (93025061)	ELV1P6740RS/B	1708mm /End Right	13.4	1098	82	4000	90
93025059 (93025062)	ELV1P6740LS/B	1708mm /End Left	13.4	1098	82	4000	90
93025250 (93025253)	ELV1P4850CS/B	1219mm /Center	16.8	1637	97	5000	90
93025251 (93025254)	ELV1P4850RS/B	1219mm /End Right	10.1	893	89	5000	90
93025252 (93025255)	ELV1P4850LS/B	1219mm /End Left	10.1	893	89	5000	90
93023399 (93023402)	ELV1P6050CS/B	1524mm /Center	20.2	1965	97	5000	90
93023400 (93023403)	ELV1P6050RS/B	1524mm /End Right	13.4	1191	89	5000	90
93023401 (93023404)	ELV1P6050LS/B	1524mm /End Left	13.4	1191	89	5000	90
93025063 (93025066)	ELV1P6750CS/B	1708mm /Center	20.2	2292	97	5000	90
93025064 (93025067)	ELV1P6750RS/B	1708mm /End Right	13.4	1191	89	5000	90
93025065 (93025068)	ELV1P6750LS/B	1708mm /End Left	13.4	1191	89	5000	90

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

Product dimensions



Length [mm]	L1 [mm]	L2 [mm]
1129	1174	1187
1524	1475	1488
1701	1655	1668

Width	[mm]
W1	25.4
W2	45.7

Power Supply Data - LED Driver Performance Data

GEPS24-100U-GL
PS 24VDC/100W SEIV
Product Code:
98941 / GEPS24-100U-GL

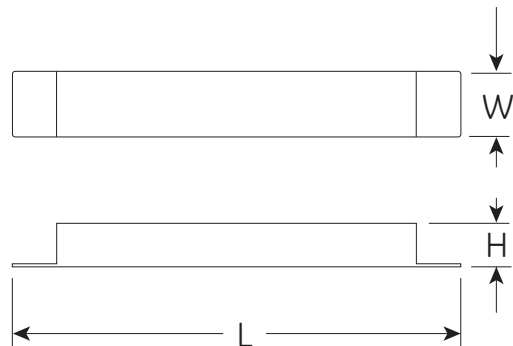
LED60CV24EPS
Product Code:
97506

24V/25W CE POWER SUPP
120/240/277V INPUT
Product Code:
GEPS24-25U-EU

	Min	Typical	Max	Min	Typical	Max	Min	Typical	Max
Output Power (W)			96			60			25
Input Voltage (VAC)	108	120-277	305	220-240			194	220-240	264
Input Current (A)	0.35		1.1	0.3			0.15		0.2
Input Line Frequency (Hz)		50/60		50/60				50/60	
Output Voltage (V)	23	24	25	23	24	25	23	24	25
Max Output Current (A)			4			2.5			1
Operating Temperature Range (C)	-40	25	55	-20	25	50	-25	25	50
Storage Temperature Range (C)	-40		85	-10		80	-40		70

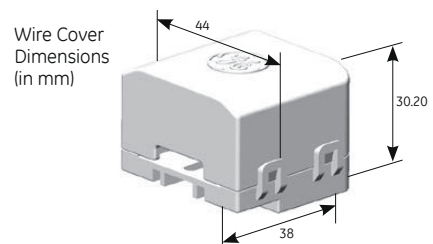
LED Driver dimensions

Driver	Length [mm]	Width [mm]	Height [mm]
GEPS24-100U-GL	241	43.2	30.55
LED60CV24EPS	198	44	40
GEPS24-25U-EU	133	30.5	40



Immersion™ Elite Accessory

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



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