



# Immersion™ Elite

## Refrigerated Display Cases

DATA SHEET

### 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

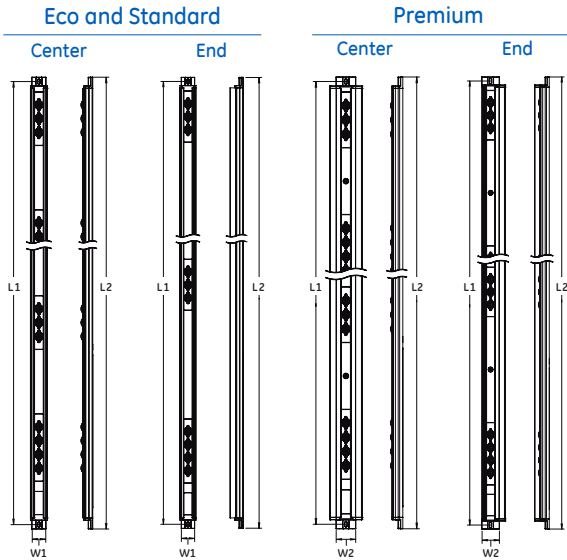
Product Code Single (Bulk)	Product Description	Item Description	Power [DC Watts]*	Light Output [lm]	System Efficiency (lm/W)	Colour Temperature [K]	CRI [Ra]
93025214 (93025217)	ELV1S4840CS/B	1219mm /Center	13.4	1347	100	4000	85
93025215 (93025218)	ELV1S4840RS/B	1219mm /End Right	7.9	729	92	4000	85
93025216 (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

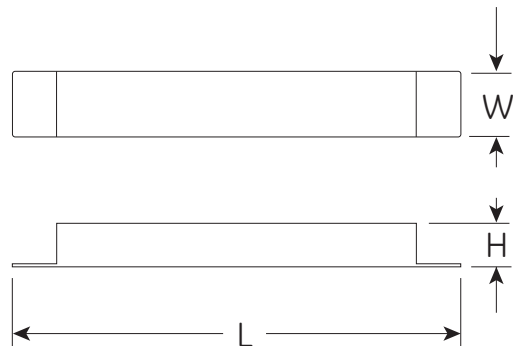
LED60CV24EPS  
Product Code:  
97506

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

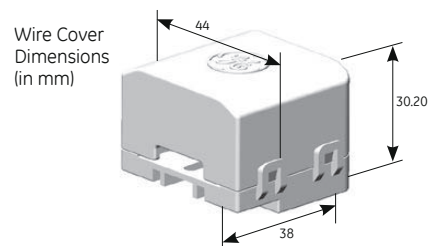
## LED Driver dimensions

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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