

Immersion™ 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.

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-year limited system warranty

CERTIFICATIONS/MARKINGS

UL, CSA, NSF, CE, 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

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Product Description Logic

Product Configuration Options					
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	
2 = 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	3500K	93080712(93080715)	ELV2E4835CS/B	48" (1219mm) Center	7.9	899	113
		93080713(93080716)	LV2E4835RS/B	48" (1219mm) End Right	5.3	545	103
		93080714(93080717)	ELV2E4835LS/B	48" (1219mm) End Left	5.3	545	103
		93080676(93080679)	ELV2E6035CS/B	60" (1524mm) Center	10.1	1132	112
		93080677(93080680)	ELV2E6035RS/B	60" (1524mm) End Right	5.3	545	103
		93080678(93080681)	ELV2E6035LS/B	60" (1524mm) End Left	5.3	545	103
		93080730(93080733)	ELV2E6735CS/B	67" (1708mm) Center	10.1	1132	112
		93080731 (93080734)	ELV2E6735RS/B	67" (1708mm) End Right	6.7	686	102
		93080732(93080735)	ELV2E6735LS/B	67" (1708mm) End Left	6.7	686	102
	4000K	93080718(93080721)	ELV2E4840CS/B	48 " (1219mm) Center	7.9	912	115
		93080719(93080722)	ELV2E4840RS/B	48" (1219mm) End Right	5.3	553	105
		93080720(93080723)	ELV2E4840LS/B	48" (1219mm) End Left	5.3	553	105
		93080682(93080685)	ELV2E6040CS/B	60" (1524mm) Center	10.1	1150	114
		93080683(93080686)	ELV2E6040RS/B	60" (1524mm) End Right	5.3	553	105
		93080684(93080687)	ELV2E6040LS/B	60" (1524mm) End Left	5.3	553	105
		93080736(93080739)	ELV2E6740CS/B	67" (1708mm) Center	10.1	1150	114
		93080737(93080740)	ELV2E6740RS/B	67" (1708mm) End Right	6.7	697	104
		93080738(93080741)	ELV2E6740LS/B	67" (1708mm) End Left	6.7	697	104
	5000K	93080724(93080727)	ELV2E4850CS/B	48" (1219mm) Center	7.9	965	122
		93080725(93080728)	ELV2E4850RS/B	48" (1219mm) End Right	5.3	585	111
		93080726(93080729)	ELV2E4850LS/B	48" (1219mm) End Left	5.3	585	111
		93080688(93080691)	ELV2E6050CS/B	60" (1524mm) Center	10.1	1216	121
		93080689(93080692)	ELV2E6050RS/B	60" (1524mm) End Right	5.3	585	111
		93080690(93080693)	ELV2E6050LS/B	60" (1524mm) End Left	5.3	585	111
		93080742(93080745)	ELV2E6750CS/B	67" (1708mm) Center	10.1	1216	121
		93080743(93080746)	ELV2E6750RS/B	67" (1708mm) End Right	6.7	737	110
		93080744(93080747)	ELV2E6750LS/B	67" (1708mm) End Left	6.7	737	110

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

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Immersion™ Elite Standard

	Product Code Single (Bulk)	Product Description	Item Description	Power (DC Watts) *	Light Output (Lumens)	Lumens Per Watt	
85 CRI	3500K	93081013(93081016)	ELV2S4835CS/B	48 " (1219mm) Center	13.4	1327	99
		93081014(93081017)	ELV2S4835RS/B	48" (1219mm) End Right	7.9	718	91
		93081015(93081018)	ELV2S4835LS/B	48" (1219mm) End Left	7.9	718	91
		93080977(93080980)	ELV2S6035CS/B	60" (1524mm) Center	16.8	1658	99
		93080978(93080981)	ELV2S6035RS/B	60" (1524mm) End Right	10.6	957	91
		93080979(93080982)	ELV2S6035LS/B	60" (1524mm) End Left	10.6	957	91
		93081031 (93081034)	ELV2S6735CS/B	67" (1708mm) Center	16.8	1658	99
		93081032(93081035)	ELV2S6735RS/B	67" (1708mm) End Right	10.6	957	91
		93081033(93081036)	ELV2S6735LS/B	67" (1708mm) End Left	10.6	957	91
	4000K	93081019(93081022)	ELV2S4840CS/B	48" (1219mm) Center	13.4	1347	100
		93081020(93081023)	ELV2S4840RS/B	48" (1219mm) End Right	7.9	729	92
		93081021(93081024)	ELV2S4840LS/B	48" (1219mm) End Left	7.9	729	92
		93080983(93080986)	ELV2S6040CS/B	60" (1524mm) Center	16.8	1684	100
		93080984(93080987)	ELV2S6040RS/B	60" (1524mm) End Right	10.6	972	92
		93080985(93080988)	ELV2S6040LS/B	60" (1524mm) End Left	10.6	972	92
		93081037(93081040)	ELV2S6740CS/B	67" (1708mm) Center	16.8	1684	100
		93081038(93081041)	ELV2S6740RS/B	67" (1708mm) End Right	10.6	972	92
		93081039(93081042)	ELV2S6740LS/B	67" (1708mm) End Left	10.6	972	92
	5000K	93081025(93081028)	ELV2S4850CS/B	48 " (1219mm) Center	13.4	1443	107
		93081026(93081029)	ELV2S4850RS/B	48" (1219mm) End Right	7.9	781	99
		93081027(93081030)	ELV2S4850LS/B	48" (1219mm) End Left	7.9	781	99
		93080989(93080992)	ELV2S6050CS/B	60" (1524mm) Center	16.8	1804	107
		93080990(93080993)	ELV2S6050RS/B	60" (1524mm) End Right	10.6	1041	99
		93080991(93080994)	ELV2S6050LS/B	60" (1524mm) End Left	10.6	1041	99
		93081043(93081046)	ELV2S6750CS/B	67" (1708mm) Center	16.8	1804	107
		93081044(93081047)	ELV2S6750RS/B	67" (1708mm) End Right	10.6	1041	99
		93081045(93081048)	ELV2S6750LS/B	67" (1708mm) End Left	10.6	1041	99

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

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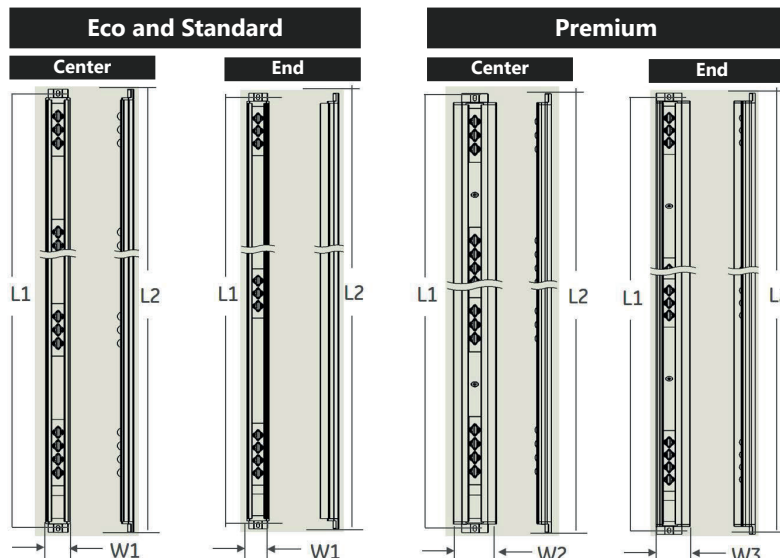
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Immersion™ Elite Premium

	Product Code Single (Bulk)	Product Description	Item Description	Power (DC Watts)*	Light Output (Lumens)	Lumens Per Watt
3500K	93080786(93080789)	ELV2P4835CS/B	48" (1219mm) Center	16.8	1486	88
	93080787(93080790)	ELV2P4835RS/B	48 " (1219mm) End Right	10.1	811	80
	93080788(93080791)	ELV2P4835LS/B	48" (1219mm) End Left	10.1	811	80
	93080804(93080807)	ELV2P6035CS/B	60" (1524mm) Center	20.2	1784	88
	93080805(93080808)	ELV2P6035RS/B	60" (1524mm) End Right	13.4	1081	80
	93080806(93080809)	ELV2P6035LS/B	60" (1524mm) End Left	13.4	1081	80
	93080822(93080825)	ELV2P6735CS/B	67" (1708mm) Center	23.5	2081	88
	93080823(93080826)	ELV2P6735RS/B	67" (1708mm) End Right	13.4	1081	80
	93080824(93080827)	ELV2P6735LS/B	67" (1708mm) End Left	13.4	1081	80
90 CRI 4000K	93080792(93080795)	ELV2P4840CS/B	48" (1219mm) Center	16.8	1510	90
	93080793(93080796)	ELV2P4840RS/B	48" (1219mm) End Right	10.1	823	82
	93080794(93080797)	ELV2P4840LS/B	48" (1219mm) End Left	10.1	823	82
	93080810(93080813)	ELV2P6040CS/B	60" (1524mm) Center	20.2	1812	90
	93080811(93080814)	ELV2P6040RS/B	60" (1524mm) End Right	13.4	1098	82
	93080812(93080815)	ELV2P6040LS/B	60" (1524mm) End Left	13.4	1098	82
	93080828(93080831)	ELV2P6740CS/B	67" (1708mm) Center	23.5	2114	90
	93080829(93080832)	ELV2P6740RS/B	67" (1708mm) End Right	13.4	1098	82
	93080830(93080833)	ELV2P6740LS/B	67" (1708mm) End Left	13.4	1098	82
5000K	93080798(93080801)	ELV2P4850CS/B	48" (1219mm) Center	16.8	1637	97
	93080799(93080802)	ELV2P4850RS/B	48" (1219mm) End Right	10.1	893	89
	93080800(93080803)	ELV2P4850LS/B	48" (1219mm) End Left	10.1	893	89
	93080816(93080819)	ELV2P6050CS/B	60" (1524mm) Center	20.2	1965	97
	93080817(93080820)	ELV2P6050RS/B	60" (1524mm) End Right	13.4	1191	89
	93080818(93080821)	ELV2P6050LS/B	60" (1524mm) End Left	13.4	1191	89
	93080834(93080837)	ELV2P6750CS/B	67" (1708mm) Center	23.5	2292	97
	93080835(93080838)	ELV2P6750RS/B	67" (1708mm) End Right	13.4	1191	89
	93080836(93080839)	ELV2P6750LS/B	67" (1708mm) End Left	13.4	1191	89

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

Immersion™ Elite Premium



Product Information

Length in Inches (mm)	L1 in Inches (mm)	L2 in Inches (mm)
48 (1219)	46.2 (1174)	46.7 (1187)
60 (1524)	58.1 (1475)	58.6 (1488)
67 (1701)	65.2 (1655)	65.7 (1668)

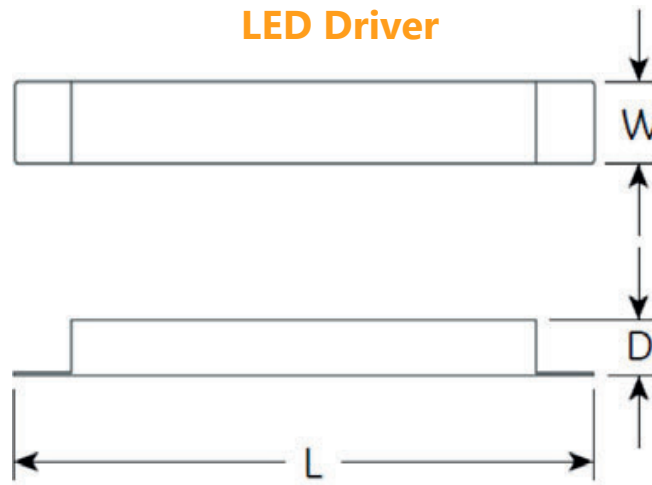
Width	Inch	(mm)
W1	1.0	(25.4)
W2	1.8	(45.7)
W3	1.5	(38.1)

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)	120-240	120-240	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)	1.1 inch (28mm)	1.1 inch (28mm)

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

LED Driver



Immersion™ Elite Accessory

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

