

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 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

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 | |
| 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) | ELV2E4835RS/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.

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 |

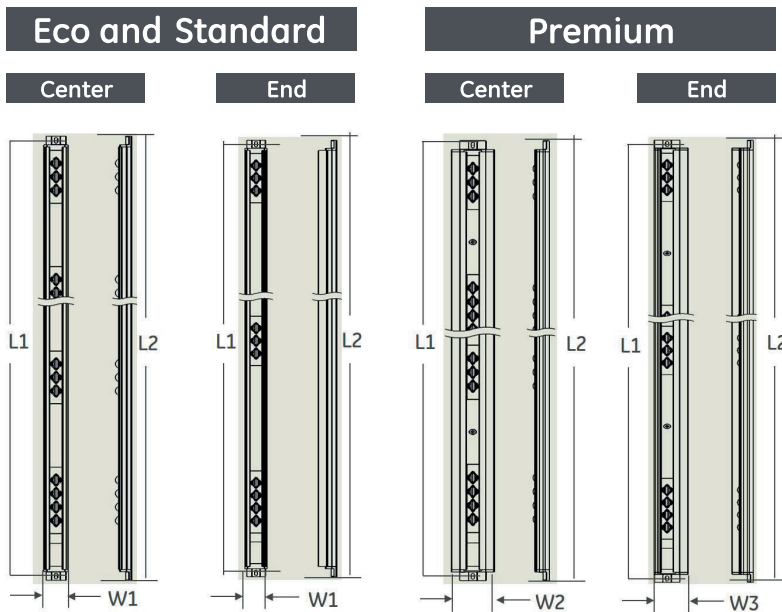
* Typical DC Watts. To convert to AC Watts, divide by LED driver efficiency.

Immersion™ Elite Premium

| | Product Code Single (Bulk) | Product Description | Item Description | Power (DC Watts)* | Light Output (Lumens) | Lumens Per Watt | |
|--------|-------------------------------|------------------------|---------------------|------------------------|--------------------------|--------------------|----|
| 90 CRI | 3500 K | 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 |
| | 4000 K | 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 |
| | 5000 K | 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.

Product Dimensions



Product Information

| Length in inches (mm) | L1 in inches (mm) | L2 in inches (mm) |
|--------------------------|----------------------|----------------------|
| 48 (1 219) | 46.2 (1 174) | 46.7 (1 187) |
| 60 (1 524) | 58.1 (1 475) | 58.6 (1 488) |
| 67 (1 701) | 65.2 (1 655) | 65.7 (1 668) |

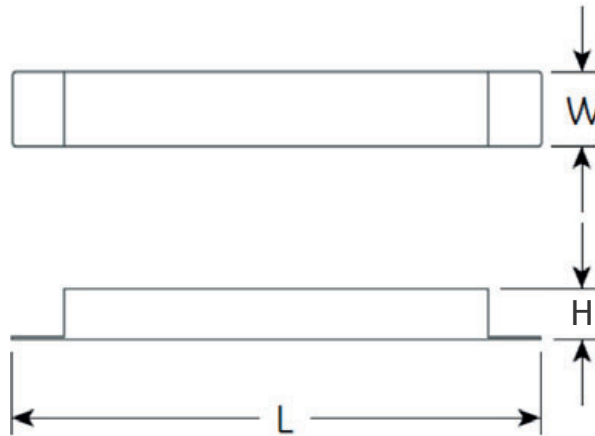
| Width | inch | (mm) |
|-------|------|--------|
| W1 | 1.0 | (25.4) |
| W2 | 1.8 | (45.7) |
| W3 | 1.5 | (38.1) |

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) |

