

National Resource Management DATA SHEET

NRM Model Numbers

Length	Model	Watts
48"	LED-4160-41K-L	6
48"	LED-4160-41K-C	12
48"	LED-4160-41K-R	6
60"	LED-5160-41K-L	7.5
60"	LED-5160-41K-C	15
60"	LED-5160-41K-R	7.5
72"	LED-6160-41K-L	9
72"	LED-6160-41K-C	18
72"	LED-6160-41K-R	9

Note: L, C and R models are for left-, center- and right-end applications, respectively.

Features

- 1300 lumens to the center of the shelf
- 1-, 2-, 3-, 4-, 5- & 6-foot lengths available
- Higher lumen output
- Reduced energy design
- On board power supply
- Low THD <5%, power factor .979
- ULTRA low profile
- Mounting hardware included
- UL / NSF approved

CrossFire™ SMD LED Lighting Systems for Retrofit Commercial Applications

NRM presents the new SCHOTT Gemtron CrossFire™ SMD light bar. The SMD offers a very low profile while providing higher light output than earlier generations of CrossFire. The ULTRA LOW profile is ideal for retrofitting existing frames in the marketplace. Most frames sold to the commercial refrigeration industry in the last 20 years have had to use a thicker mullion to house the ballast. SCHOTT Gemtron has taken this into account when designing this product to assure even light distribution across the front of the shelf.

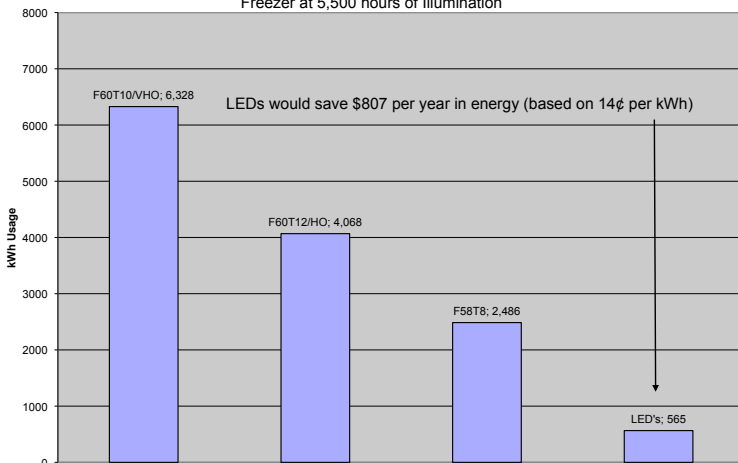
The patent pending on board power supply provides the flexibility of mounting the light bar anywhere on the back of the frame to optimize your light output while only using 1.5 watts of energy per foot of light.

FAST installation helps reduce up front costs, assuring a fast payback.

LEDs reduce lighting wattage by up to 85% compared to fluorescent fixtures. They also generate substantially less heat than fluorescents — your compressor will run less to cool the case and you'll save even more. Optional Occupancy Sensor controls offer additional savings with no warm-up time for full brightness. With a life expectancy of nearly three times that of fluorescent lamps, maintenance costs are practically eliminated for years to come.



Annual Energy Usage for Case Lighting in 5-Door Reach-In Freezer at 5,500 hours of Illumination



CrossFire LEDs optimize your light output while only using 1.5 watts of energy per foot.