BRING OUT THE COLOR OF YOUR DISPLAYS

LED PRODUCT CATALOG
PLATINUM COLOR SERIES FOR FRESH FOOD MERCHANDISING
Appearance, freshness, and shelf life are big factors when it comes to maintaining sales and shopper satisfaction. Promolux LEDs deliver the correct balance of light and color for clear and crisp looking displays.

**PLATINUM & PREMIUM WHITE COLOR SERIES**

The Promolux LED offering is generally divided into food and non-food merchandising, with the Platinum Color Series ideal for food applications, and the Premium White Color Series ideal for non-food applications. Custom LED development is also available. This catalog focuses primarily on food-specific lighting.

For non-food related options, see Promolux LED Premium White Catalog

**SEEING IS BELIEVING...**

Appearance, freshness, and shelf life are big factors when it comes to maintaining sales and shopper satisfaction. Promolux LEDs deliver the correct balance of light and color for clear and crisp looking displays.

**FRESH COLORS ARE THE ULTIMATE MERCHANDISING ADVANTAGE!**
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<th>Page</th>
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<td>8</td>
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<td>9</td>
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</tbody>
</table>
PLUG-N-PLAY LED

IDEAL FOR
Service & Multi-Deck: Meat, Seafood, Dairy, Deli, Prepared & Frozen Foods, Floral, Produce, Bakery, Salad Bars & Ice Cream/Gelato

SPECIFICATIONS
• G13 Bi-Pin Rotatable & Locking End-Caps
• Plug-n-Play (no wiring changes)
• Replaces T8 Fluorescent Tubes
• Double End Power Input (Polar)
• 120° Beam Angle
• Works with T8 Electronic Ballasts
• UL Conforming
• High Brightness/ 80 CRI
• Up to 60% Energy savings
• Average 50,000 Hours Life Span

<table>
<thead>
<tr>
<th>Size</th>
<th>Model Number</th>
<th>Watts</th>
<th>Type</th>
<th>Length (mm)</th>
<th>Length (in)</th>
<th>Replaces Fluorescent</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Lens</th>
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<tr>
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<td>F32 T8</td>
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<td>900</td>
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</tbody>
</table>

Specifications subject to change without notice. Contact us for more information.
### LOW PROFILE STICK LED

**IDEAL FOR**
Service & Multi-Deck: Meat, Seafood, Dairy, Deli, Prepared & Frozen Foods, Floral, Produce, Bakery, Salad Bars & Ice Cream/Gelato

- For New Equipment or Retrofit
- IP65
- Single End Power Input with Wire Lead
- 90° Beam Angle - Rotatable 360°
- DC 24V
- UL Conforming
- High Brightness/ >80 CRI
- Up to 60% Energy savings
- Average 50,000 Hours Life Span
- External Power Supply (External Driver)
- 5 Year Warranty

**SPECIFICATIONS**

- **Size**
- **Model Number**
- **Watts**
- **Type**
- **Length (mm)**
- **Length (in)**
- **Lumens**
- **Lumens per Watt**
- **Lens**

<table>
<thead>
<tr>
<th>Size</th>
<th>Model Number</th>
<th>Watts</th>
<th>Type</th>
<th>Length (mm)</th>
<th>Length (in)</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Lens</th>
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<tr>
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<td>1880</td>
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<td>46</td>
<td>850</td>
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</table>

**Accessories:**
- Mounting Clip

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Specifications subject to change without notice. Contact us for more information.
SLIMLINE LED

IDEAL FOR
Service & Multi-Deck: Meat, Seafood, Dairy, Deli, Prepared & Frozen Foods, Floral, Produce, Bakery, Salad Bars & Ice Cream/Gelato

SPECIFICATIONS
• CRI: > 80
• Power Factor: > 0.9
• Rated life: 50 000 hrs
• Voltage input: 24V
• Chips: 3528, 3014, 2835, 5050
• Lumens: Up to 400 / ft & higher

4 Adjustable Display Angles
Magnetic Connection
Ability to Daisy-Chain

DIRECT
Connect Bar to Bar

FLEXIBLE
Connect Using FlexCord

Mounting Options

COMING FALL 2015

Specifications subject to change without notice. Contact us for more information.
T8 RETROFIT LED
WORKS WITH EXTERNAL LED DRIVER

IDEAL FOR
Service & Multi-Deck: Meat, Seafood, Dairy, Deli, Prepared & Frozen Foods, Floral, Produce, Bakery, Salad Bars & Ice Cream/Gelato

- G13 Bi-Pin Rotating & Locking End-Caps
- External Power Supply (External Driver)
- IP55
- Replaces T8 Fluorescent Tubes
- Double End Power Input (Polar)
- 120° Beam Angle
- DC 24V
- UL Conforming
- High Brightness/ 80 CRI
- Up to 60% Energy savings
- Average 50,000 Hours Life Span
- 5 Year Warranty

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Size</th>
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<table>
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<thead>
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<th>Length (in)</th>
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<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Lens</th>
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<td>900</td>
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Specifications subject to change without notice. Contact us for more information.

led.promolux.com • info@promolux.com • 1.250.743.1222 • 1.800.519.1222
### IDEAL FOR
Service & Multi-Deck: Meat, Seafood, Dairy, Deli, Prepared & Frozen Foods, Floral, Produce, Bakery, Salad Bars & Ice Cream/Gelato

### T5 RETROFIT LED
WORKS WITH EXTERNAL LED DRIVER

Specifications subject to change without notice. Contact us for more information.

### SPECIFICATIONS
- G5 Bi-Pin End-Caps
- External Power Supply (External Driver)
- IP55
- Replaces T5 Fluorescent Tubes
- Double End Power Input (Polar)
- 120° Beam Angle
- DC 24V
- UL Conforming
- High Brightness/ 80 CRI
- Up to 60% Energy savings
- Average 50,000 Hours Life Span
- 5 Year Warranty

### Size | Model Number | Watts | Type | Length (mm) | Length (in) | Replaces Fluorescent | Lumens | Lumens per Watt | Lens |
<table>
<thead>
<tr>
<th></th>
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<td>T5PL-22C</td>
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<td>Canopy</td>
<td>549</td>
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<td>Canopy</td>
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<td>46</td>
<td>F28 T5</td>
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<td>F35 T5</td>
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<td>F21 T5</td>
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<tr>
<td>4ft</td>
<td>T5PL-46S</td>
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<td>Shelf</td>
<td>1149</td>
<td>46</td>
<td>F28 T5</td>
<td>850</td>
<td>94</td>
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Specifications subject to change without notice. Contact us for more information.
FLEXIBLE LINEAR LED

IDEAL FOR
Service & Multi-Deck: Meat, Seafood, Dairy, Deli, Prepared & Frozen Foods, Floral, Produce, Bakery, Salad Bars & Ice Cream/Gelato

SPECIFICATIONS
• Proprietary CCT Options *
• CRI: > 80
• Dimmable
• IP: Up to 67
• Power Factor: > 0.9
• Rated life: 50 000 hrs
• Voltage input: DC 12V or 24V
• Chips: 3528, 3014, 2835, 5050
• Lumens: Up to 400 lm / ft (1312 lm / m)

* 3 Custom saturated spectrums for fresh food merchandising and other color critical applications

Specifications subject to change without notice. Contact us for more information.
PAR30 & PAR38 LED

**IDEAL FOR**
Supermarkets, Grocery Stores, Convenience Stores, Delicatessens, & Restaurants as Accent, Spot, Task, Track & Recessed Down Lighting

**PAR30**
- 9W
- Supermarkets, Grocery Stores, Convenience Stores, Delicatessens, & Restaurants as Accent, Spot, Task, Track & Recessed Down Lighting

**PAR38**
- 13W
- Supermarkets, Grocery Stores, Convenience Stores, Delicatessens, & Restaurants as Accent, Spot, Task, Track & Recessed Down Lighting

**SPECIFICATIONS**
- Superior Thermal Management
- COB Technology
- Long life: 3 Year Warranty
- Reduce Energy Consumption up to 76%
- Lasts up to 20 times longer than halogen
- Instant full light output & stable colour
- 120 V - 240 V

**Model Number | Watts | Power Factor | Lumens | Lumens / Watt**
--- | --- | --- | --- | ---
PAR30-PL-4101 | 9 | >0.9 | 730 | 81
PAR30-PW-0101 | 9 | >0.9 | 730 | 81
PAR38-PL-4101 | 13 | >0.9 | 1060 | 81
PAR38-PW-0101 | 13 | >0.9 | 1060 | 81
PAR38-PL-4102 | 20 | >0.9 | 1630 | 81
PAR38-PW-0102 | 20 | >0.9 | 1630 | 81
IDEAL FOR
Supermarkets, Grocery Stores, Convenience Stores, Delicatessens, & Restaurants as Accent, Spot, Task and Track Lighting

MR16 & GU10 LED

OPERATING CONDITIONS
• Operating temp range between -4°F & +113°F (-20°C & +40°C)
• Not intended for use with emergency light fixtures or exit signs

SPECIFICATIONS
• UV & IR free
• Mercury & Lead Free
• Excellent Color Quality
• Superior Thermal Management
• COB Technology
• Long life: 3 Year Warranty
• Reduce Energy Consumption up to 76%
• Lasts up to 20 times longer than halogen
• No Warm up time
• Instant full light output & stable color

IDEAL FOR
Supermarkets, Grocery Stores, Convenience Stores, Delicatessens, & Restaurants as Accent, Spot, Task and Track Lighting

OPERATING CONDITIONS
• Operating temp range between -4°F & +113°F (-20°C & +40°C)
• Not intended for use with emergency light fixtures or exit signs

SPECIFICATIONS
• UV & IR free
• Mercury & Lead Free
• Excellent Color Quality
• Superior Thermal Management
• COB Technology
• Long life: 3 Year Warranty
• Reduce Energy Consumption up to 76%
• Lasts up to 20 times longer than halogen
• No Warm up time
• Instant full light output & stable color

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Watts</th>
<th>Beam Angle</th>
<th>Warranty</th>
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<tr>
<td>GU10PL</td>
<td>5</td>
<td>30°</td>
<td>3yrs</td>
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# LED DRIVER

## MODEL NUMBER 6124088

24V 88W  100~240VAC  
CONSTANT VOLTAGE  
CLASS 2 DRY OR DAMP LOCATIONS

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### ELECTRICAL SPECIFICATIONS

<table>
<thead>
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<tr>
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<tr>
<td>Input Frequency</td>
<td>50/60 Hz</td>
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<tr>
<td>Input Power</td>
<td>100W</td>
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<tr>
<td>Power Factor</td>
<td>&gt;95%</td>
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<td>Efficiency</td>
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<td>Total Harmonic Distortion</td>
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<td>Output Power</td>
<td>88W</td>
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<td>Output Voltage</td>
<td>24V dc</td>
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<td>Output Current</td>
<td>3.3A dc</td>
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### PHYSICAL SPECIFICATIONS

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<tr>
<td>Low Profile Design</td>
<td>11”L x 1.69”W x 1.08”H</td>
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<td>Weight</td>
<td>22.4 oz / 635g</td>
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<td>Input Wires</td>
<td>L (Black), N (White)</td>
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<td>Output Wires</td>
<td>Positive (Red), Negative (Black)</td>
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<td>Metal Enclosure</td>
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<td>Conforming to SELV</td>
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### ENVIRONMENTAL SPECIFICATIONS

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<td>Working Temperature (ta)</td>
<td>-22°F to 140°F/-30°C to 60°C</td>
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<tr>
<td>Case Temperature (tc)</td>
<td>-40°F to 185°F/-40°C to 85°C</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>Dry or Damp Locations 10%-90%</td>
</tr>
<tr>
<td>Storage Humidity</td>
<td>Dry or Damp Conditions 5%- 95%</td>
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</tbody>
</table>

### SAFETY

Class 2 Power Supply  
SELV Output  
Over Current Protection, Short Circuit Protection, Over Voltage Protection, Over Temperature Protection  
UL Recognized Component  
Intertek ETL Certified

### CERTIFICATIONS

UL 8750, UL 1310, Class 2 Power Supply Intertek ETL, cUL  
IEC 61347-1, IEC 61347-2-13

UL Class 2 drivers comply with standard UL1310, meaning output is considered safe to contact and no major safety protection is required at the LED / luminaire level. There is no risk of fire or electric shock. These drivers operate using less than 60 volts in dry applications, 30 volts in wet applications, less than 5 amps, and less than 100 watts.

### EMC

Emission: Complies with EN 55015 Class B, EN61000-3-2  
Class C, EN 61000-3-3, FCC Part 15 Class B  
Immunity: Complies with EN61547, FCC 47 CFR Part 15, CISPR 22

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Promolux are balanced spectrum, low radiation merchandising lights engineered specifically for fresh food display cases. Using SafeSpectrum® Technology, Promolux gives true color definition and reduced shrink benefits for category operations and management. Promolux sets the standard in perishable food merchandising and are ideal wherever perishable foods are in close proximity to a light source—such as refrigerated service cases, multi-decks and track or spot lighting.

Econofrost are woven aluminum, heat reflective night covers for open refrigerated display equipment - rolling down at night and during power outages to protect perishables and reduce energy consumption by at least 36%. Designed specifically for supermarkets, fresh food retailers & food service applications, Econofrost premium all-metal night covers are available in 4ft, 6ft & 8ft widths. The woven aluminum, low emissivity fabric reflects heat & radiation away from perishables & traps cold air in the case.

The Smart Choice for Perishable Displays

#1 Brand of Night Covers in North America!

www.promolux.com

www.econofrost.com
For over 30 years Market Group Ventures has produced innovative retail solutions that save energy as well as protect and prolong the shelf life of perishable foods. Market Group Ventures is a global company with facilities, distribution centers and offices in North America and Europe, and services more than 30 countries worldwide.

Some of our customers include:

- Whole Foods
- Kroger
- Master-Bilt
- Food Lion
- Hillphoenix
- Publix
- Walmart (México y Centroamérica)
- Cold Stone
- Safeway
- ShopRite
- Sobeys
- JCP
- Ralphs
- Carrier
- Coop
- Toom
- Walgreens
- Andróñico’s
- Costco Wholesale
- Hussmann
- Bashas’
- Carrefour
- Food4Less
- Ley
- Southern Cross
- Kyson/Warren

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