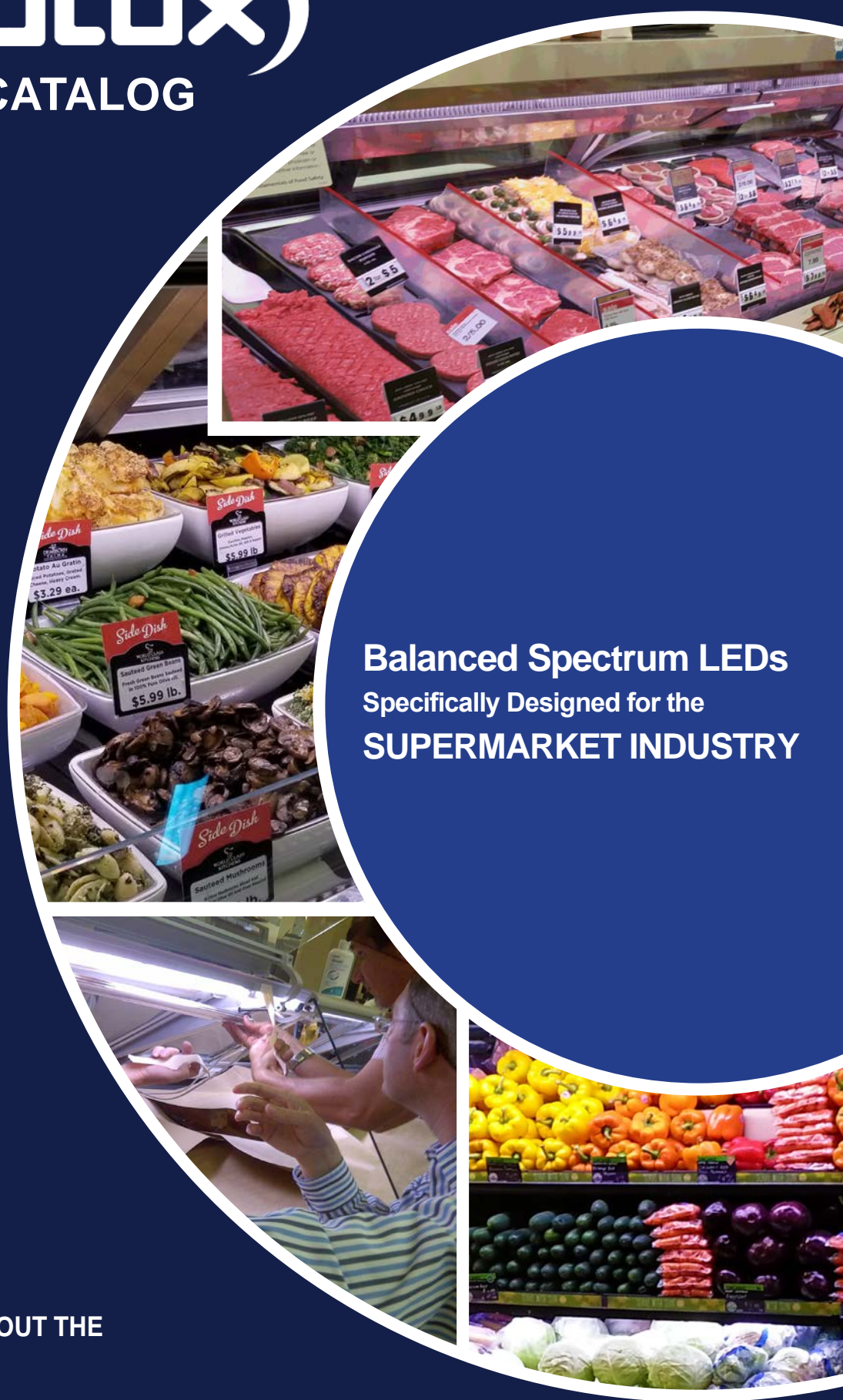# PROMOLUX

LED PRODUCT CATALOG

Balanced Spectrum LEDs
Specifically Designed for the
SUPERMARKET INDUSTRY

THE ONLY LED THAT BRINGS OUT THE

TRUE COLOR
OF YOUR FRESH FOOD DISPLAYS

2024

PROMOLUX
FOOD-SAFE LED LIGHTING SOLUTIONS

FOOD-SAFE SPECTRUM

Before: 4000K

After: PROMOLUX LEDs

- Will not turn meat brown as fast as other lighting
- Extends seafood's "Fresh from the Sea" aroma
- Reduces damage to perishables
- Prolongs the shelf-life of fresh food
- Increases overall food safety
- Food stays fresher longer

Promolux LEDs eliminate the portions of visible spectrum that damage fresh food increasing shelf life by 1-3 days!

Savings in reduced shrink offset the cost of Promolux LEDs in as little as 90 days

Promolux LEDs are ideal for protecting and merchandising meat, seafood, produce, deli & prepared foods, bakery, ice cream & gelato and floral

FOOD-SPECIFIC DESIGN

- No shadows or dark spots
- High brightness at low power
- Superior thermal management
- Cooler physical temperature
- Perfect when close to food
- High IP - Safe for misting systems

LEDs Designed Specifically for Supermarkets & Grocery Stores

FOOD-SAFE MERCHANDISING
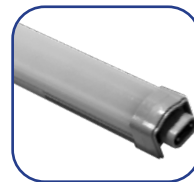
Before: 3500K

After: PROMOLUX LEDs

- Vibrant, natural displays
- Creates a visual "wow" in your case
- Generates impulse sales
- Shows food in the best possible light
- Differentiates you from other stores

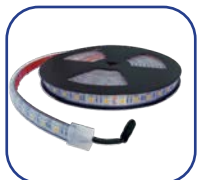**PLUG-N-PLAY T8 LED**

SLIMLINE BAR LED

FLEXIBLE TAPE LED

PAR30 LED

These are just a few of our LEDs. Information about all sizes, types and custom options is available by calling us Toll Free: 1-800-519-1222 or Emailing: info@promolux.com

PLUG-N-PLAY
T8 LED hybrid

TYPE A&B

Single End

CE ETL RoHS UL us
E477240

5 YEAR WARRANTY

Promolux Installed:

IDEAL FOR

Service & Multi-Deck: Meat, Seafood, Dairy, Deli & Prepared 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
Works with **T8 Electronic Ballasts** (Type A LED)
Single End Power Input (Polar) when Direct Wired (Type B LED)
134° Beam Angle
UL Conforming
IP54
High Brightness/ 80 CRI
High R9/R12 Values
Up to 60% Energy savings
Average 50,000 Hours Life Span

Size	Model Number	Watts	Type	Length (mm) (Nominal)	Length (in) (Nominal)	Replaces Fluorescent	Lumens	Lumens per Watt	Color
2ft	T8PNP-PL-24C+	8	Canopy	600	24	F17 T8	880	110	Platinum
3ft	T8PNP-PL-36C+	14	Canopy	900	36	F25 T8	1582	113	Platinum
4ft	T8PNP-PL-48C+	18	Canopy	1200	48	F32 T8	2070	115	Platinum
5ft	T8PNP-PL-60C+	22	Canopy	1500	60	F40 T8	2508	114	Platinum
3ft	T8PNP-PL-36S+	7	Shelf	900	36	F25 T8	791	113	Platinum
4ft	T8PNP-PL-48S+	9	Shelf	1200	48	F32 T8	1035	115	Platinum
5ft	T8PNP-PL-60S+	11	Shelf	1500	60	F40 T8	1243	113	Platinum

PROMOLUX

www.promolux.com • info@promolux.com • 1.250.743.1222 • 1.800.519.1222

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

PLUG-N-PLAY
T8 LED hybrid
TYPE A&B
Dual End

CE ETL us RoHS c UL us

E477240

5 YEAR WARRANTY

IDEAL FOR

Service & Multi-Deck: Meat, Seafood, Dairy, Deli & Prepared 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
Works with **T8 Pre-Heat Ballasts** (Type A LED)
Dual End Power Input when Direct Wired (Type B LED)
134° Beam Angle
UL Conforming
High Brightness/ 80 CRI
High R9/R12 Values
Up to 60% Energy savings
Average 50,000 Hours Life Span

Size	Model Number	Watts	Type	Length (mm) (Nominal)	Length (in) (Nominal)	Replaces Fluorescent	Lumens	Lumens per Watt	Color
2ft	T8PNP-PL-0600C+	8	Canopy	600	24	L 18 T8	880	110	Platinum
3ft	T8PNP-PL-0900C+	14	Canopy	900	36	L30 T8	1582	113	Platinum
4ft	T8PNP-PL-1200C+	18	Canopy	1200	48	L36 T8	2070	115	Platinum
5ft	T8PNP-PL-1500C+	22	Canopy	1500	60	L58 T8	2508	114	Platinum
3ft	T8PNP-PL-0900S+	7	Shelf	900	36	L30 T8	791	113	Platinum
4ft	T8PNP-PL-1200S+	9	Shelf	1200	48	L36 T8	1035	115	Platinum
5ft	T8PNP-PL-1500S+	11	Shelf	1500	60	L58 T8	1243	113	Platinum

www.promolux.com • info@promolux.com • 1.250.743.1222 • 1.800.519.1222

PROMOLUX

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

5

SLIMLINE 24V
BARLED

Works with 24V Constant Voltage LED Driver (Sold Separately)

CE · ETL Listed us · ✓RoHS · c UL us
E477240

5 YEAR WARRANTY

IDEAL FOR

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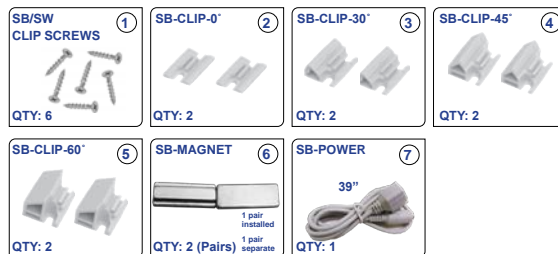
Promolux Installed:

SPECIFICATIONS

Connectable in a Series up to 150W
IP65
226° Beam Angle
CRI: > 80
High R9 & R12 Values
Power Factor: > 0.9
Rated Life: 50 000 hrs
Voltage Input: 24V
Chips: 2835
Color: Platinum

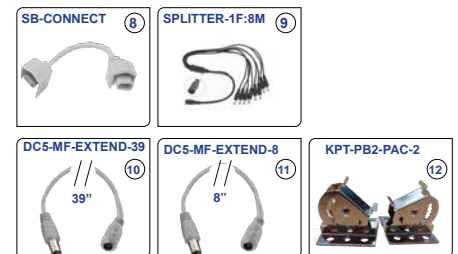| Size	Model Number	Watts	Type	Length (mm) (Nominal)	Length (in) (Nominal)	Lumens	Lumens per Watt
1ft	SB-PL-10C	4	Canopy	254	10	310	78
2ft	SB-PL-22C	10	Canopy	549	22	860	78
3ft	SB-PL-34C	14	Canopy	849	34	1300	81
4ft	SB-PL-46C	18	Canopy	1149	46	1800	82
5ft	SB-PL-58C	22	Canopy	1449	58	2200	80
3ft	SB-PL-34S	7	Shelf	849	34	1080	98
4ft	SB-PL-46S	9	Shelf	1149	46	1320	94
5ft	SB-PL-58S	11	Shelf	1449	58	990	90

ACCESSORIES

1. Mouting Screws
2. 0° Mounting Clip
3. 30° Mounting Clip
4. 45° Mounting Clip
5. 60° Mounting Clip
6. Mounting Magments
7. Power Cord
8. Connector Cord/Jumper
9. M to F DC 5mm Power Splitter
10. M to F 39" DC 5mm Extnsn Cord
11. M to F 8" DC 5mm Extnsn Cord
12. Rotatable Metal Clips (2-Pack)

Included

SB/SW CLIP SCREWS ① QTY: 6	SB-CLIP-0° ② QTY: 2	SB-CLIP-30° ③ QTY: 2	SB-CLIP-45° ④ QTY: 2
SB-CLIP-60° ⑤ QTY: 2	SB-MAGNET ⑥ QTY: 2 (Pairs) 1 pair installed 1 pair separate	SB-POWER ⑦ 39" QTY: 1	

Optional Purchase

SB-CONNECT ⑧	SPLITTER-1F:8M ⑨
DC5-MF-EXTEND-39 ⑩ 39"	DC5-MF-EXTEND-8 ⑪ 8"	KPT-PB2-PAC-2 ⑫

FLEXIBLE 24V
TAPELED

Works with 24V Constant Voltage LED Driver (Sold Separately)

CE · ETL us · RoHS · c UL us
E477240

5 YEAR WARRANTY

Promolux Installed:

IDEAL FOR

Curved glass display cases, freezer & cooler doors, display cases with tight space requirements, corners, shelves, cosmetic counters, makeup & jewelry displays

SPECIFICATIONS

Available in 16ft (5m) Rolls
IP67
SMD 2835 LED
72W (16ft/5m Roll)
14.4W/m
463.5lm/f
Cuttable (Marked on LED Tape)
Joinable (Using Connector)
CRI: > 80
High R9 & R12 Values
120˚ Beam Angle
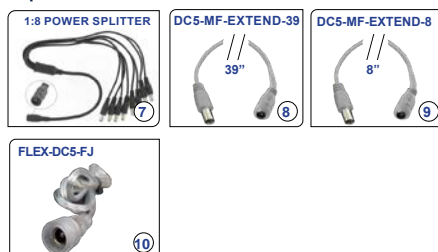Rated life: 50 000 hrs
Voltage input: DC 24V

Model Number	Watts	Lumens (16ft Roll)	Lumens per Watt	Color
FLEX24-PL-72-16	72	7416	103	Platinum

ACCESSORIES

Included

1 X FLEX-DC5-MP	4 X FLEX-ENDCAP	10 X FLEX-MOUNTING-CLIP	3 X FLEX-CONNECTOR	1 X SILICONE	FLEX-CORNER
①	②	③	④	⑤	⑥

Optional Purchase

1:8 POWER SPLITTER	DC5-MF-EXTEND-39	DC5-MF-EXTEND-8
⑦	39" ⑧	8" ⑨

FLEX-DC5-FJ
⑩

1. Male DC 5mm Power Cord
2. Silicone End-Cap
3. Silicone Mounting Clip
4. Connector
5. Silicone
6. Corner Connector
7. M to F DC 5mm Power Splitter
8. M to F 39" DC 5mm Extnsn Cord
9. M to F 8" DC 5mm Extnsn Cord
10. Female DC 5mm Cord

OPERATING CONDITIONS

Secures With: 3M™ High-Strength Acrylic Adhesive 300LSE
Storage temperature: -40˚C to 80˚C
Operating Temperature: -25˚C to 60˚C
Working Voltage: DC 24V
Installation surface must be smooth, clean & dry
Do not exceed 16ft length per DC 24V Driver

www.promolux.com • info@promolux.com • 1.250.743.1222 • 1.800.519.1222

PROMOLUX

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

7

EXTERNAL DRIVER
T8LED TYPE C

Works with 24V Constant Voltage LED Driver (Sold Separately)

CE ETL us ✓RoHS c UL us
E477240

5 YEAR WARRANTY

IDEAL FOR

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

SPECIFICATIONS

G13 Bi-Pin Rotating & Locking End-Caps
External Power Supply (External Driver)
IP55
Replaces T8 Fluorescent Tubes
Double End Power Input (Polar)
185° Beam Angle
DC 24V
UL Conforming
High Brightness/ 80 CRI
High R9 & R12 Values
Up to 60% Energy savings
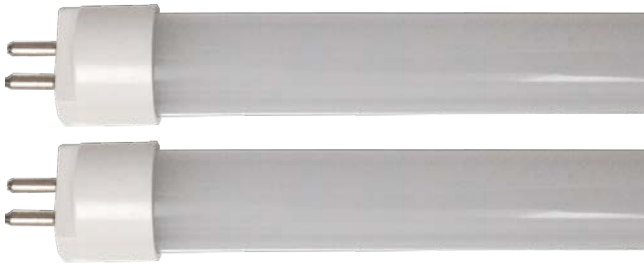Average 50,000 Hours Life Span

Promolux Installed:

Size	Model Number	Watts	Type	Length (mm) (Nominal)	Length (in) (Nominal)	Replaces Fluorescent	Lumens	Lumens per Watt	Color
2ft	T8-PL-24C+	9	Canopy	600	24	F17 T8	880	110	Platinum
3ft	T8-PL-36C+	14	Canopy	900	36	F25 T8	1582	113	Platinum
4ft	T8-PL-48C+	18	Canopy	1200	48	F32 T8	2070	115	Platinum
5ft	T8-PL-60C+	22	Canopy	1500	60	F40 T8	2508	114	Platinum
3ft	T8-PL-36S+	7	Shelf	900	36	F25 T8	791	113	Platinum
4ft	T8-PL-48S+	9	Shelf	1200	48	F32 T8	1035	115	Platinum

PROMOLUX

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

EXTERNAL DRIVER
T5LED TYPE C

Works with 24V Constant Voltage LED Driver (Sold Separately)

CE • ETL us • RoHS • c UL us
E477240

5 YEAR WARRANTY

Promolux Installed:

IDEAL FOR

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

SPECIFICATIONS

G5 Bi-Pin End-Caps
External Power Supply (External Driver)
IP55
Replaces T5 Fluorescent Tubes
Double End Power Input (Polar)
180° Beam Angle
DC 24V
UL Conforming
High Brightness/ 80 CRI
High R9 & R12 Values
Up to 60% Energy savings
Average 50,000 Hours Life Span

Size	Model Number	Watts	Type	Length (mm) (Nominal)	Length (in) (Nominal)	Replaces Fluorescent	Lumens	Lumens per Watt	Color
2ft	T5-PL-22C+	8	Canopy	549	22	F14 T5	880	110	Platinum
3ft	T5-PL-34C+	10	Canopy	849	34	F21 T5	1582	113	Platinum
4ft	T5-PL-46C+	15	Canopy	1149	46	F28 T5	2070	115	Platinum
5ft	T5-PL-58C+	20	Canopy	1449	58	F35 T5	2508	114	Platinum
3ft	T5-PL-34S+	5	Shelf	849	34	F21 T5	791	113	Platinum
4ft	T5-PL-46S+	7	Shelf	1149	46	F28 T5	1035	115	Platinum

www.promolux.com • info@promolux.com • 1.250.743.1222 • 1.800.519.1222

PROMOLUX

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

9

LOW PROFILE 24V
STICKLED

Works with 24V Constant Voltage LED Driver (Sold Separately)

CE ETL us RoHS c UL us
E477240

5 YEAR WARRANTY

IDEAL FOR

Olive Bars, Service & Multi-Deck: Meat, Seafood, Dairy, Deli, Prepared & Frozen Foods, Floral, Produce, Bakery, Salad Bars & Ice Cream, Tight Space Requirements

SPECIFICATIONS

For New Equipment or Retrofit
IP65
Single End Power Input with Female DC 5mm Plug Lead
180° Beam Angle - Rotatable 360°
DC 24V
UL Conforming
High Brightness/ >80 CRI
High R9 & R12 Values
Up to 60% Energy savings
Average 50,000 Hours Life Span

Promolux Installed:

Size	Model Number	Watts	Type	Length (mm) (Nominal)	Length (in) (Nominal)	Lumens	Lumens per Watt	Color
1ft	LS-PL-10C+	7	Canopy	249	10	785	115	Platinum
2ft	LS-PL-22C+	8	Canopy	549	22	880	110	Platinum
3ft	LS-PL-34C+	10	Canopy	849	34	1582	113	Platinum
4ft	LS-PL-46C+	15	Canopy	1149	46	2070	115	Platinum
5ft	LS-PL-58C+	20	Canopy	1449	58	2508	114	Platinum
3ft	LS-PL-34S+	5	Shelf	849	34	791	113	Platinum
4ft	LS-PL-46S+	8	Shelf	1149	46	1035	115	Platinum

PROMOLUX

www.promolux.com • info@promolux.com • 1.250.743.1222 • 1.800.519.1222

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

DOOR 24V
TUBELED

Works with 24V Constant Voltage LED Driver (Sold Separately)

CE · ETL us · RoHS · c UL us
E477240

5 YEAR WARRANTY

Promolux Installed

INSTALLED *Promolux* DOOR TUBE LED

IDEAL FOR

Cooler Doors
Freezer Doors

SPECIFICATIONS

IP65
CRI: > 80
High R9 & R12 Values
Power Factor: > 0.9
Rated Life: 50 000 hrs
Voltage Input: 24V
Chips: 2835

Size	Model Number	Watts	Type	Length (mm) (Nominal)	Length (in) (Nominal)	Lumens	Lumens per Watt	Color
5ft	DTUBE-PL-60C	22	Door	1500	60	2200	100	Platinum
6ft	DTUBE-PL-72C	28	Door	1800	72	2800	100	Platinum

www.promolux.com • info@promolux.com • 1.250.743.1222 • 1.800.519.1222

PROMOLUX

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

HIGH POWER PAR30LED 35W

CE · ETL us · RoHS

2 YEAR WARRANTY

IDEAL FOR

Supermarkets, Grocery Stores, Convenience Stores, Delicatessens, & Restaurants as Accent, Spot, Task,Track & Recessed Lighting

SPECIFICATIONS

Superior Thermal Management
Beam Angle: 25°
E27 Base
LED Source: SMD3030
Power Factor: >0.95
Long life: 2 Year Warranty
Reduces Energy Consumption up to 76%
Lasts up to 20 times longer than halogen
Instant full light output & stable color
High Brightness/ >82 CRI
High R9 & R12 Values
Material: Die Cast Aluminum Heat Sink
IP44
Life Span 50,000 hrs

Promolux Installed:

Model Number	Watts	Lumens	Lumens per Watt	Color
PAR30-PL-35W	35	3850	110	Platinum

OPERATING CONDITIONS

Operating Temperature: -20˚C to 45˚C
Working Voltage: AC 85-265V
50-60Hz

CONTSTANT VOLTAGE 24V LEDDRIVER

ITEM: 6124080

ITEM: 6124120

CE · ETL US · RoHS · c UL us
E479229

5 YEAR WARRANTY

ELECTRICAL SPECIFICATIONS

	80W	120W
Input Rated Voltage:	100~240Vac	100~240Vac
Input Frequency:	50/60 Hz	50/60 Hz
Input Power:	100W	100W
Power Factor:	>95%	>95%
Efficiency:	>85%	>85%
Total Harmonic Distortion:	<20%	<20%
Output Power:	**80W**	**120W**
Output Voltage:	24V dc	24V dc
Output Current:	3.3A dc	3.3A dc

PHYSICAL SPECIFICATIONS

	80W	120W
Low Profile Design:	$6^{1/2}$" **L** x $2^{5/8}$" **W** x $1^{1/2}$" **H** 172mm **L** x 66mm **W** x 38.5 mm **H**	$8^{1/2}$" **L** x $2^{5/8}$" **W** x $1^{1/2}$" **H** 217mm **L** x 66mm **W** x 38.5 mm **H**
Weight:	1.65 LBs / 750g	2 LBs / 950g
Input Wires:	L (Black), N (White)	L (Black), N (White)
Output Wires:	Positive (Red), Negative (Black)	Positive (Red), Negative (Black)
Enclosure:	200 mm/7.87" Conforming to SELV	200 mm/7.87" Conforming to SELV

ENVIRONMENTAL SPECIFICATIONS

Working Temperature (ta):	-30˚C to 60˚C / -22˚F to 140˚F
Case Temperature (tc):	-40˚C to 85˚C / -40˚F to 185˚F
Operating Humidity:	Dry or Damp Locations 10% - 90%
Storage Humidity:	Dry or Damp Locations 5% - 95%

NOTATIONS

cULus   ETLus C

These 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.

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

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

www.promolux.com • info@promolux.com • 1.250.743.1222 • 1.800.519.1222

PROMOLUX

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

PROMOLUX
FOOD-SAFE LED LIGHTING SOLUTIONS

The example diagrams below help give a visual of the Promolux Platinum color spectrum in comparison with 4000K, 3000K, 3500K spectrums
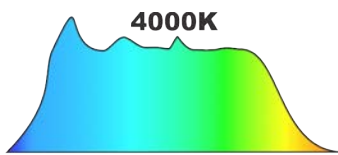
4000K

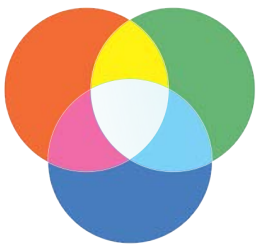**4000K Spectrum**
"Cool White"
Emphasis on Light Blue & Light Green
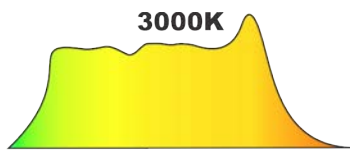
3000K

3000K Spectrum
"Warm White"
Emphasis on Yellow
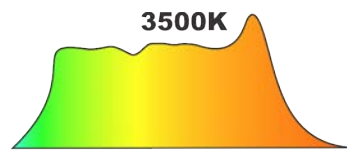
3500K

3500K Spectrum
Yellowish Orange

Promolux PLATINUM

Balanced Spectrum
Small Spikes in Deep Red & Deep Blue
Filtered Out Some Small Portions of Visible Spectrum (Yellow)
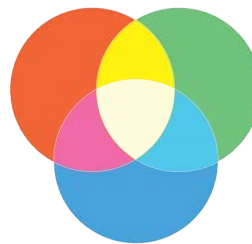Because they are known to damage fresh food

---

4000K

Colors have no "pop" / dull

This light sucks color from everything

Whites have slight blue overwash
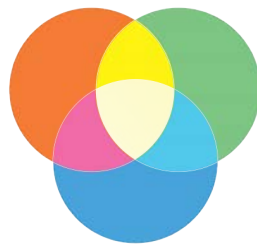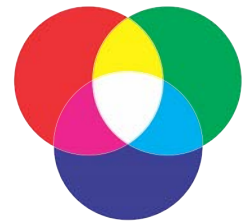

3000K

Colors have yellow overwash, dulling them

Makes red meat look very orangey brown

Whites have full yellow overwash

3500K

Colors have yellow overwash

Makes red meat look orangey brown

Whites have full yellow tinge

Promolux PLATINUM

All colors are deep, saturated & vibrant

Ideal for meat, seafood, produce, deli & floral merchandising

Whites are clean, crisp & vivid

This is not a 'white' light LED. It's a Balanced Spectrum LED where all colors 'pop' **AND** whites are crisp & vivid

---

See examples of how fresh food looks under these lights... →

Color Spectrum Comparisons

Promolux LEDs are the only LEDs on the market that are designed specfically for fresh food merchandising in supermarkets

Before: 3500K

After: PROMOLUX LEDs

Before: 4000K

After: PROMOLUX LEDs

Promolux LEDs have a true balanced-color spectrum, so every color is shown equally under Promolux. This means that the same Promolux LED can be used to showcase fresh meat, seafood, deli & prepared foods, produce, sushi, salad bars, olive bars, bakery & floral!

Each picture above shows Promolux installed in different fresh food cases - creating vibrant displays in every case!

MGV Inc.
MARKET GROUP VENTURES

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:

PROMOLUX

www.promolux.com • info@promolux.com • 1.250.743.1222 • 1.800.519.1222

Distributed by: