PROMOLUX

LED PRODUCT CATALOG











FULL SPECTRUM COLOR SERIES FOR
THE WHERE COLOR IS CRITICAL!

Balanced Full Spectrum LEDs for Clinical Dermatology

Promolux is now producing custom made light spectrums using digital LED technology which offer precise mix of visible radiation to suit Clinical Dermatology.

Artificial light sources have advanced from halogen, fluorescent and incandescent sources to LEDs and the way to measure the quality of light has also advanced. It is no longer sufficient to use CRI as the quality criteria for dermatology where 8 color samples are used when more advanced criteria today uses 99 color samples are used as with IES TM-30-15.

Although there are a number of electronic tools used to observe the appearance of cutaneous physiology, when we compare these to our eyes with approximately 120 million rods and over 6 million cone shaped receptors, we realize the value of our eyes for diagnosis and visual evaluation of skin disorders.

Dermatologists can enjoy higher rate of diagnostic accuracy if their area of practice was lit by the ultimate light source for early detection, prognostic and clinical evaluation and monitoring response to treatment.



The importance of visualization and inspection by the naked eye for color, pigmentation, tissue lesions, evaluation of vascular structures, use of visual grading scales, and other assessments depends on the quality of the light source used in the area of practice. Even photographic records can be affected by the use of flash or poor quality lighting which can distort what the doctor can see in the examination.



Ordinary LED

Promolux Balanced Full Spectrum LED

For more information please visit our website or contact us:

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

IT’S AS SIMPLE AS CHANGING YOUR OVERHEAD LIGHT BULBS!



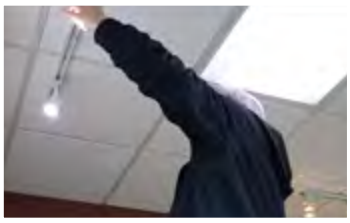




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PLUG-N-PLAY T8 LED

E477240





IDEAL FOR

Replacing all types of T8 fluorescents without changing any electrical wiring. They work with your electronic ballasts. Fastest ROI based on energy saved

SPECIFICATIONS

G13 Bi-Pin Rotatable & Locking End-Caps
Plug-n-Play (no wiring changes)
Replaces T8 Fluorescent Tubes
Double End Power Input (Polar) - Plug-N-Play
Single End Power Input (Polar) - Direct Wired
134° Beam Angle
Works with T8 Electronic Ballasts (American)
Works with T8 Pre-Heat Ballast (European)
UL Conforming
High Brightness/ 80 CRI
Up to 60% Energy savings
Average 50,000 Hours Life Span

5 YEAR WARRANTY

Size	Model Number (American)	Model Number (European)	Watts	Type	Length (mm)	Length (in)	Replaces Fluorescent (American)	Replaces Fluorescent (European)	Lumens	Lumens per Watt	Color
2ft	T8P-PL-24C*	T8P-PL-600C*	8	Canopy	600	24	F17 T8	L18 T8	644	78	Premium White
3ft	T8P-PL-36C*	T8P-PL-900C*	14	Canopy	900	36	F25 T8	L30 T8	1140	78	Premium White
4ft	T8P-PL-48C*	T8P-PL-1200C*	18	Canopy	1200	48	F32 T8	L36 T8	1500	83	Premium White
5ft	T8P-PL-60C	T8P-PL-1500C	22	Canopy	1500	60	F40 T8	L58 T8	1880	95	Premium White
3ft	T8P-PL-36S	T8P-PL-900S	7	Shelf	900	36	F25 T8	L30 T8	684	97	Premium White
4ft	T8P-PL-48S	T8P-PL-1200S	9	Shelf	1200	48	F32 T8	L36 T8	900	100	Premium White
5ft	T8P-PL-60S	T8P-PL-1500S	11	Shelf	1500	60	F40 T8	L58 T8	1128	102	Premium White

Also available in Platinum color by changing PW to PL in Model Number



FLEXIBLE STRIP LED

Driver:
E477240

WORKS WITH EXTERNAL LED DRIVER
(24V Constant Voltage)
Sold Separately

IDEAL FOR

Cove and perimeter lighting as well as to add light in small areas with little space for fixtures

SPECIFICATIONS

Available in 16ft (5m) Rolls
Dimmable
IP67
SMD 2835 LED
55W (16ft/5m Roll)
11W/m
330lm/f
Cuttable (Marked on LED Tape)
Joinable (Using Connector Accessory)
120˚ Beam Angle
12V Driver/Transformer
Rated life: 50 000 hrs
Voltage input: DC 12V

5 YEAR WARRANTY

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 12V
Installation surface must be smooth, clean & dry
Do not exceed 16ft length per DC 12V Driver

Model Number	Watts	Lumens (16ft Roll)	Lumens per Watt	Color
FLEX-PL-16-55	55	4675	85	Platinum
FLEX-PW-16-55	55	4675	85	Premium White
FLEX-HD-16-55	55	4675	85	HD35
FLEX-RW4-16-55	55	4675	85	RW4

SLIMLINE BAR LED

Driver:
E477240

WORKS WITH EXTERNAL LED DRIVER
(24V Constant Voltage)
Sold Separately



5 YEAR WARRANTY

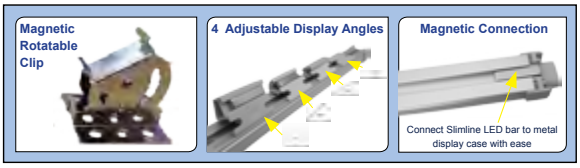
IDEAL FOR

Cove, shelf and under-shelf lighting, along the edge of mullions, doors or cabinets, vertical as well horizontal alignment

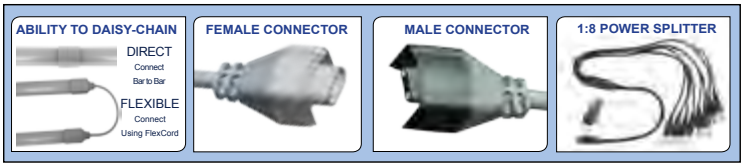
SPECIFICATIONS

IP65
CRI: > 80
Power Factor: > 0.9
Rated Life: 50 000 hrs
Voltage Input: 24V
Chips: 2835

MOUNTING OPTIONS



CONNECTING OPTIONS



Size	Model Number	Watts	Type	Length (mm)	Length (in)	Lumens	Lumens per Watt	Color
1ft	SB-PW-10C	4	Canopy	254	10	310	78	Premium White
2ft	SB-PW-22C	11	Canopy	549	22	860	78	Premium White
3ft	SB-PW-34C	16	Canopy	849	34	1300	81	Premium White
4ft	SB-PW-46C	22	Canopy	1149	46	1800	82	Premium White
5ft	SB-PW-58C	28	Canopy	1449	58	2200	80	Premium White
3ft	SB-PW-34S	11	Shelf	849	34	1080	98	Premium White
4ft	SB-PW-46S	14	Shelf	1149	46	1320	94	Premium White

* *Also available in Platinum color by changing PW to PL in Model Number*



SLIMLINE WEDGE LED

Driver:
E477240

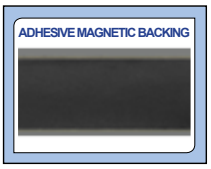
WORKS WITH EXTERNAL LED DRIVER
(24V Constant Voltage)
Sold Separately



IDEAL FOR

Cove, shelf and under-shelf lighting, along the edge of mullions, doors or cabinets, vertical as well horizontal alignment

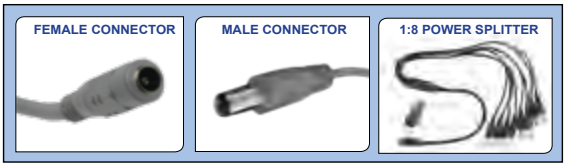
MOUNTING OPTION



SPECIFICATIONS

IP44
CRI: > 80
Power Factor: > 0.9
Rated Life: 50 000 hrs
Voltage Input: 24V
Chips: 2835

CONNECTING OPTIONS





Size	Model Number	Watts	Type	Length (mm)	Length (in)	Lumens	Lumens per Watt	Color
1ft	SW-PW-10C	4	Canopy	254	10	310	78	Premium White
2ft	SW-PW-22C	11	Canopy	549	22	860	78	Premium White
3ft	SW-PW-34C	16	Canopy	849	34	1300	81	Premium White
4ft	SW-PW-46C	22	Canopy	1149	46	1800	82	Premium White
5ft	SW-PW-58C	28	Canopy	1449	58	2200	80	Premium White
3ft	SW-PW-34S	11	Shelf	849	34	1080	98	Premium White
4ft	SW-PW-46S	14	Shelf	1149	46	1320	94	Premium White

* *Also available in Platinum color by changing PW to PL in Model Number*

T8 RETROFIT LED

Driver:
E477240

WORKS WITH EXTERNAL LED DRIVER
(24V Constant Voltage)
Sold Separately



IDEAL FOR

Replacing T8 & T12 fluorescent where the ballast is changed to an external LED driver



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
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	Color
18”	T8-PW-18C	7	Canopy	450	18	F15 T8	580	83	Premium White
2ft	T8-PW-24C	9	Canopy	600	24	F17 T8	644	72	Premium White
3ft	T8-PW-36C	14	Canopy	900	36	F25 T8	1140	78	Premium White
4ft	T8-PW-48C	18	Canopy	1200	48	F32 T8	1500	83	Premium White
5ft	T8-PW-60C	22	Canopy	1500	60	F40 T8	1880	95	Premium White
3ft	T8-PW-36S	7	Shelf	900	36	F25 T8	684	97	Premium White
4ft	T8-PW-48S	9	Shelf	1200	48	F32 T8	900	100	Premium White

* *Also available in Platinum color by changing PW to PL in Model Number*



T5 RETROFIT LED

Driver:
E477240

WORKS WITH EXTERNAL LED DRIVER
(24V Constant Voltage)
Sold Separately



IDEAL FOR

Locations where T5 fluorescents are being replaced with LEDs

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
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	Color
1ft	T5-PW-10C	7	Canopy	305	10	F8 T5	580	83	Premium White
2ft	T5-PW-22C	8	Canopy	549	22	F14 T5	644	80	Premium White
3ft	T5-PW-34C	10	Canopy	849	34	F21 T5	1140	114	Premium White
4ft	T5-PW-46C	15	Canopy	1149	46	F28 T5	1500	100	Premium White
5ft	T5-PW-58C	20	Canopy	1449	58	F35 T5	1880	94	Premium White
3ft	T5-PW-34S	5	Shelf	849	34	F21 T5	550	110	Premium White
4ft	T5-PW-46S	8	Shelf	1149	46	F28 T5	850	94	Premium White

* *Also available in Platinum color by changing PW to PL in Model Number*



LOW PROFILE STICK LED

Driver:
E477240

WORKS WITH EXTERNAL LED DRIVER
(24V Constant Voltage)
Sold Separately

IDEAL FOR

Locations where currently there are no linear fluorescents and a hard wired high IP solution is preferred

SPECIFICATIONS

For New Equipment or Retrofit
IP65
Single End Power Input with Wire Lead
180° 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



ACCESSORIES

Size	Model Number	Watts	Type	Length (mm)	Length (in)	Lumens	Lumens per Watt	Color
1ft	LS-PW-10C	7	Canopy	254	10	580	83	Premium White
2ft	LS-PW-22C	8	Canopy	549	22	644	80	Premium White
3ft	LS-PW-34C	10	Canopy	849	34	1140	114	Premium White
4ft	LS-PW-46C	15	Canopy	1149	46	1500	100	Premium White
5ft	LS-PW-58C	20	Canopy	1449	58	1880	94	Premium White
3ft	LS-PW-34S	5	Shelf	849	34	550	110	Premium White
4ft	LS-PW-46S	8	Shelf	1149	46	850	94	Premium White

* *Also available in Platinum color by changing PW to PL in Model Number*



TRACK HEAD LED

IDEAL FOR

Locations where track lights are to be replaced and where more light is required from high ceilings



SPECIFICATIONS

Proprietary CCT Options: 3000K, 4000K, 5000K
Energy Star, ETL, and UL Certification
23W, 36W, 45W
CRI: > 90 *(depending on CCT option)*
Optional Dimmable Driver: 100% to 10%
High Power Factor: Over 0.95
Anti-glare Lens
White, Black, and Silver Finish
Cree COB Chips
Voltage : AC 120V, AC240V, AC100-240V
Beam Angle: 24˚, 38˚, 60˚
Compatible Track Systems: Halo, Juno, Lightolier

Model Number	Watts	Lumens (36W)	Watts	Lumens (45W)	Color
TRACK-PL4-4-3	36	2400	45	4100	Platinum 4
TRACK-HD4-4-2	36	2400	45	4100	HD 4
TRACK-GOLD-3-2	36	2300	45	4000	Gold
TRACK-PL5-5-2	36	2500	45	4200	Platinum 5
TRACK-HD3-3-3	36	2300	45	4000	HD 3
TRACK-PW5-5-3	36	2500	45	4200	Premium White 5



(Colors in icons are simplified and exaggerated for clarity)
(Consult us for best options in lighting fresh foods and other applications)

5 YEAR WARRANTY

PAR38 & PAR30 LED

Driver:
E477240



PAR 38

20W



13W *(Available while supplies last)*



PAR 30

15W



9W *(Available while supplies last)*



IDEAL FOR

Replacing PAR lamps as well as MR16 and GU10, and for locations that need additional light from high ceilings

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 color
120 V - 240 V



Model Number	Watts	Power Factor	Lumens	Color
PAR38-PL-4101	13	>0.9	1060	Platinum
PAR38-PW-0101	13	>0.9	1060	Premium White
PAR38-PL-4102	20	>0.9	1630	Platinum
PAR38-PW-0102	20	>0.9	1630	Premium White
PAR30-PL-4101	9	>0.9	730	Platinum
PAR30-PW-0101	9	>0.9	730	Premium White
PAR30-PL-15	15	>0.9	1200	Platinum
PAR30-PW-15	15	>0.9	1200	Premium White



MR16 & GU10 LED

Driver:
E477240



GU10 MR16

IDEAL FOR

Replacing MR16 and GU10 lights and where additional color corrected accent or task lighting is needed

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

3 YEAR WARRANTY

Model Number	Watts	Lumens	Color
GU10-PL-24-7	7	630	Platinum
GU10-PL-4101**	5	450	Platinum
GU10-PW-24-7	7	630	Premium White
MR16-PL-24-7	7	630	Platinum
MR16-PW-4101 **	5	450	Platinum
MR16-PW-24-7	7	630	Premium White

***Available while supplies last*

LED DRIVER

MODEL NUMBER 6124088

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

5 YEAR WARRANTY



ELECTRICAL SPECIFICATIONS

Input Rated Voltage:	100~240Vac
Input Frequency:	50/60 Hz
Input Power:	100W
Power Factor:	>95%
Efficiency:	>85%
Total Harmonic Distortion:	<20%
Output Power:	88W
Output Voltage:	24V dc
Output Current:	3.3A dc

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.

PHYSICAL SPECIFICATIONS

Low Profile Design:	11”L x 1.69”W x 1.08”H 280mmL x 43mmW x 27.5 mmH
Weight:	22.4 oz / 635g
Input Wires:	L (Black), N (White)
Output Wires:	Positive (Red), Negative (Black)
Metal Enclosure:	200 mm/7.87” Conforming to SELV

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

ENVIRONMENTAL SPECIFICATIONS

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

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



CUSTOMIZABLE OPTIONS

5 YEAR WARRANTY

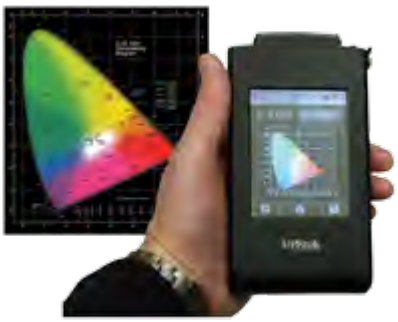
WE SPECIALIZE IN CUSTOM

COLORS FOR APPLICATIONS

WHERE COLOR IS

CRITICAL

- Unique high definition colors with saturated CCT from 2500K to 6500K
- Rigid LED sticks, T8 or T5 LED tubes
- All sizes - including non-standard sizes from 12” to 96”
- PAR LEDs, spots, down lights and other accent lighting
- Customized lumen per foot for shelf lighting
- IP 65 and higher
- 5 Year Warranty
- DLC, UL, CE, VDE, CUL Certifications and LM79 & LM80 reports
- Food-specific and non-food applications



PROMOLUX
LIGHTING INTERNATIONAL

PLEASE CONSULT US FOR YOUR SPECIAL REQUIREMENTS
AS WELL AS ON-GOING PRODUCT AND SPECIFICATION UPDATES



PROMOLUX

CONTACT US

www.promolux.com

Email:
info@promolux.com

Phone:
1 (250) 743 1222
Toll Free: 1-800-519-1222
(North America)

Fax:
1 (250) 743-1221
Toll Free Fax: 1-888-417-1221

P.O. Box 40,
Shawnigan Lake, BC. Canada
V0R 2W0

PROMOLUX

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Market Group Ventures Inc.

MGV INC.
MARKET GROUP VENTURES