



www.greencirclelights.com

2010 LED Product Catalog

Energy efficient,
cost effective
and eco-friendly
LED lighting
products for
interior and
exterior
installations.

GreenCircleLights Inc
70-40 137th Street
Flushing, NY 11367

Main: 917-817-3389
Sales: 917-373-3022

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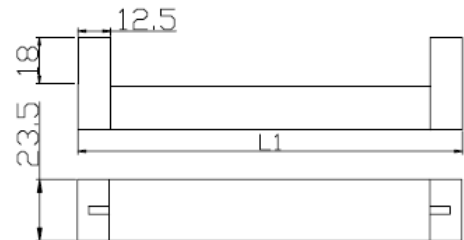
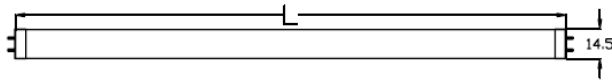
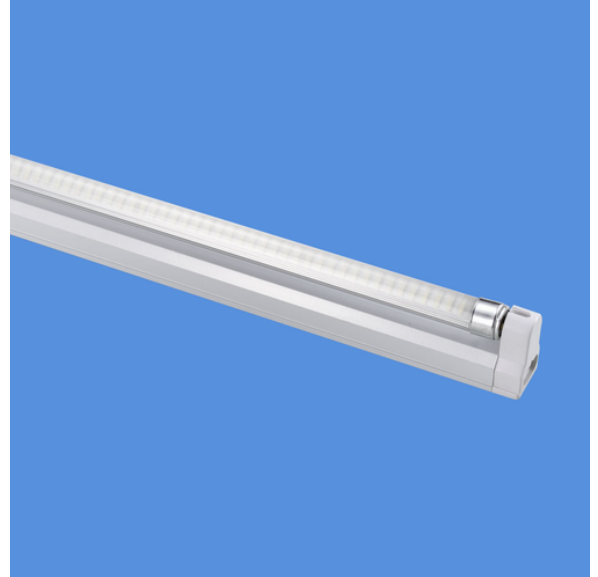
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Vega Series: LED T5 Tube

Available in 1', 2', 3', 4' and 5' lengths.

Specifications

Base:	T5
Voltage:	AC 85-265V
Lighting Angle:	160 degrees
Lifespan:	50,000 hours
Operating Temp:	14° to 95°F, or -10° to 35°C
Color Temp:	
Warm White	2600°-3700°K
Day White	5000°-7000°K
Warranty:	2 Years



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Features

- Aluminum heat sink
- No Ultraviolet (UV) interference
- No Radio Frequency (RF) interference
- Patented heat sink & optical diffuser
- Longer life than incandescent & fluorescents
- Solid State Lighting (SSL)
- Vibration resistant
- Instant Start
- No ballast required
- Mercury free
- Wide voltage
- Constant current
- High shock
- Quiet, no noise
- No flickering

All products are ETL certified and in accordance with CE, UL and FCC testing standards.

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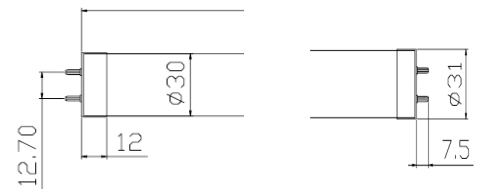
	1 Foot (30 cm)	2 Foot (60 cm)	3 Foot (90 cm)	4 Foot (120cm)	5 Foot (150 cm)
Catalog No.	GCL-FT5-5W-001	GCL-FT5-9W-001	GCL-FT5-11W-001	GCL-FT5-16W-001	GCL-FT5-18W-001
Wattage	5	9	11	16	18
Input voltage	AC85V-265V	AC85V-265V	AC85V-265V	AC85V-265V	AC85V-265V
Light output (Lumens)	450LM	800LM	1100LM	1200LM	1500LM
LED Count	60 SMD LEDs	120 SMD LEDs	150 SMD LEDs	210 LEDs	270 SMDLEDs
Lighting Angle	160				
LED Engine Manufacturer	CREE				
Lens Type	Clear or Frosted				
Color Temps Available	Warm White: 2600° - 3700° K / Daylight White: 5000° - 7000° K				
Operating Temp	14° to 95°F or -10° to 35°C				
Base / Fitting Type	T5				
Central Lux	50 Lux/3m	50 Lux/3m	60 Lux/3m	60 Lux/3m	60 Lux/3m
CRI	80 (Typical)				
Drive Type	Isolated and Constant				
Construction	Impact resistant plastic & Integrated heat sink				
Efficiency Rating	90LM/W	89LM/W	100LM/W	75LM/W	83.3LM/W
Lifespan- 70% Lumen MTBF	50,000 Hrs				
Power Factor	0.9				
Safety Grade	IP64				
Warranty	2 Years				
Diameter	3cm				
Net Weight	0.21kg	0.35kg	0.46kg	0.59kg	0.74kg
Shipping Box Weight (kg)	0.565	0.78	0.97	1.17	1.475
Shipping Box Size (cm)	360*250*235	665*250*235	970*250*235	1570*250*235	1860*190*190
# per Shipping Box	25				

Vega Series: LED T-8 / T-10 / T-12 Replacement

Available in 2', 3', 4', 5', 6' and 8' lengths.

Specifications

Base:	T8
Voltage:	AC 85-265V AC 100V-277V
Lighting Angle:	160 degrees
Lifespan:	50,000 hours
Operating Temp:	14° to 95°F, or -10° to 35°C
Color Temp:	
Warm White	2600°-3700°K
Natural White	4000°-4800°K
Day White	5000°-6500°K
Cool White	6500°-7500°K
Warranty:	2 Years



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Vega Series T-8 / T-10 / T-12 Replacement Options and Specifications

	2 Foot (60 cm)	3 Foot (90 cm)	4 Foot (120cm)
Catalog No.	GCL-FTU-8W-001	GCL-FTU-12W-001	GCL-FTU-15W-001
Wattage	8	12	15
Input voltage	AC 85V-265V	AC 100V-277V	AC 100V-277V
Light output (Lumens)	800LM	1200LM	1600LM
LED Count	180 LEDs	240 LEDs	300 LEDs
Lighting Angle	60° or 120 °		
LED Engine Manufacturer	CREE		
Lens Type	Clear or Frosted		
Color Temps Available	Warm White: 2600°- 3700° K / Natural White: 4000°- 4800°K Daylight White: 5000°- 6500° K / Cool White: 6500°- 7500°K		
Operating Temp	14° to 95°F or -10° to 35°C		
Base / Fitting Type	T8/T10/T12		
CRI	90 (Typical)		
Drive Type	Isolated and Constant		
Construction	Impact resistant plastic & Integrated heat sink		
Efficiency Rating	100LM/W	106.7LM/W	106.7LM/W
Lifespan- 70% Lumen MTBF	50,000 Hrs		
Power Factor	0.9	0.9	0.9
Safety Grade	IP64		
Warranty	2 Years		
Diameter	3cm		
Net Weight	0.21kg	0.36kg	0.46kg
Shipping Box Weight (kg)	0.565	0.77	0.97
Shipping Box Size (cm)	655*190*190	960*190*190	1260*190*190
# per Shipping Box	25		



Vega Series T-8 / T-10 / T-12 Replacement Options and Specifications

	5 Foot (150cm)	6 Foot (180 cm)	8 Foot (240 cm)
Catalog No.	GCL-FTU-19W-001	GCL-FTU-22W-001	GCL-FTU-34W-001
Wattage	19	22	34
Input voltage	AC 100V-277V	AC 100-277V	AC 100-277V
Light output (Lumens)	2300LM	2700LM	3300LM
LED Count	360 LEDs	420 LEDs	600 LEDs
Lighting Angle	60° or 120 °		
LED Engine Manufacturer	CREE		
Lens Type	Clear or Frosted		
Color Temps Available	Warm White: 2600°- 3700° K / Natural White: 4000°- 4800°K Daylight White: 5000°- 6500° K / Cool White: 6500°- 7500°K		
Operating Temp	14° to 95°F or -10° to 35°C		
Base / Fitting Type	T8/T10/T12		
CRI	90 (Typical)		
Drive Type	Isolated and Constant		
Construction	Impact resistant plastic & Integrated heat sink		
Efficiency Rating	121.1LM/W	122.7LM/W	97.1LM/W
Lifespan- 70% Lumen MTBF	50,000 Hrs		
Power Factor	0.9	0.9	0.9
Safety Grade	IP64		
Warranty	2 Years		
Diameter	3cm		
Net Weight	0.59kg	0.74kg	0.88kg
Shipping Box Weight (kg)	1.17	1.475	1.789
Shipping Box Size (cm)	1560*190*190	1860*190*190	2460*190*190
# per Shipping Box	25		

Vega Series: LED Panels

Specifications

Voltage: AC 100-277V

Lighting Angle: 160 degrees

Lifespan: 50,000 hours

Operating Temp: 14° to 95°F, or -10° to 35°C

Warranty: 2 Years

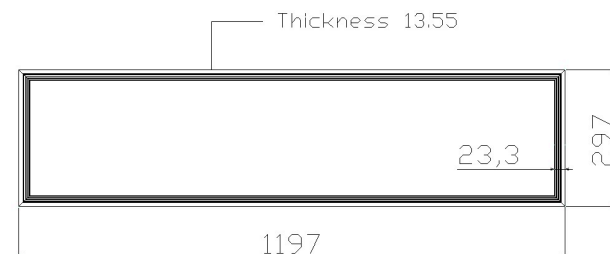
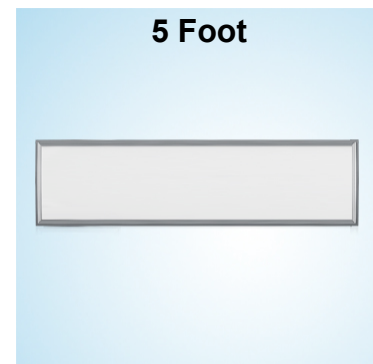
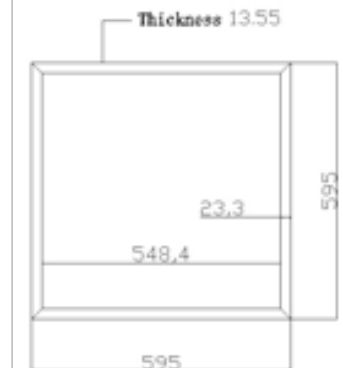
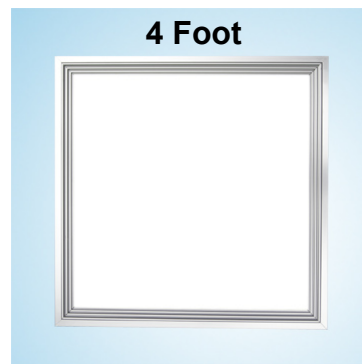
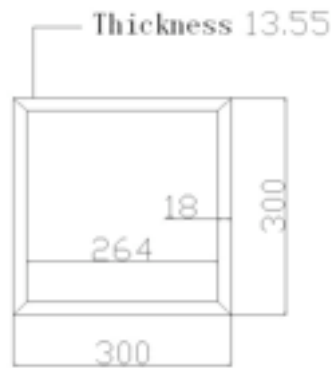
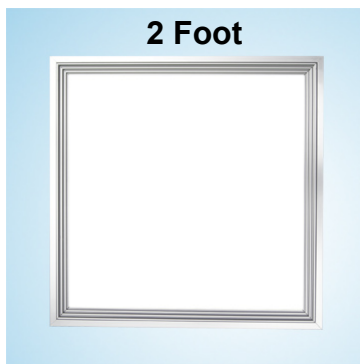
Color Temp:

Warm White 3000°-3500°K

Natural White 4000°-4500°K

Day White 5800°-6300°K

Cool White 7000°-7500°K



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Vega Series: LED Panels

Options and Specifications

	2 Foot (60 cm)	4 Foot (120 cm)	5 Foot (150cm)
Catalog No.	GCL-FCLQ30-15W-001	GCL-FCLQ60-24W-001	GCL-FCLQ30*120-30W-001
Wattage	15	24	30
Input voltage	AC100-277V	AC100-277V	AC100-277V
Light output (Lumens)	1000LM	2000LM	2800LM
LED Count	240LEDS	408LEDS	510LEDS
Lighting Angle	160°		
LED Engine Manufacturer	IWATT		
Lens Type	PMMA		
Color Temps Available	Warm White: 3000° - 3500° K / Natural White: 4000° - 4500°K / Daylight White: 5800° - 6300° K / Cool White: 7000° - 7500°K		
Operating Temp	14° to 95°F or -10° to 35°C		
Base / Fitting Type	60LUX/3M	60LUX/3M	60LUX/3M
CRI	80 (Typical)		
Drive Type	epistar		
Construction	Impact resistant plastic & Integrated heat sink		
Efficiency Rating	0.93		
Lifespan- 70% Lumen MTBF	50,000 Hrs		
Power Factor	0.9		
Safety Grade	60		
Warranty	2 Years		
Diameter	300mm	595mm	1197mm
Net Weight	1.42	5.8	6.8
Shipping Box Weight (kg)	0.5	0.6	0.7
Shipping Box Size (cm)	360x360x45	660x660x45	360x1260x45
# per Shipping Box	1	1	1

Sirius Series: High Power Spotlights

Single Spot

Specifications

Base: MR-16, GU10, E26/E27

Voltage:

E26/E27, GU10 AC 85-265V

MR-16 AC/DC 12V

Lumen: 120LM

Lighting Angle: 30 - 60 degrees

Lifespan: 50,000 hours

Operating Temp: 14° to 95°F, or -10° to 35°C

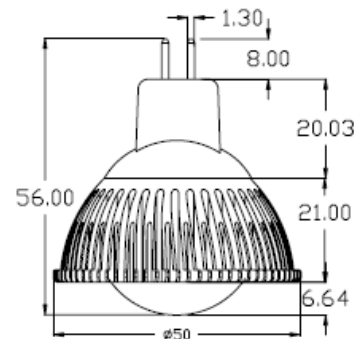
Color Temp:

Warm White 2600°-3700°K

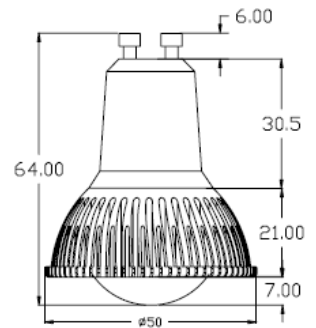
Day White 5000°-7000°K

Warranty: 2 Years

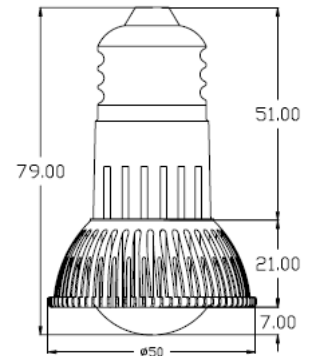
MR-16



GU10



E26 / E27



Specification subject to change without notice.
See website for latest version.

Features

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Sirius Series: High Power Spotlights

Options and Specifications

	Single Spot MR16	Single Spot GU10	Single Spot E27
Catalog No.	GCL-FMR16-1X3W-001	GCL-GU10-1X3W-001	GCL-E27-1X3W-001
Wattage	1.3		
Input voltage	AC/DC 12V	AC 85V-265V	AC 85V-265V
Light output (Lumens)	120LM		
LED Count	1 LED		
Lighting Angle	30 - 60°		
LED Engine Manufacturer	CREE		
Lens Type	PMMA		
Color Temps Available	Warm White: 2600°- 3700° K / Daylight White: 5000°- 7000° K		
Operating Temp	14° to 95°F, or -10° to 35°C		
Base / Fitting Type	MR16	GU10	E26 / E27
CRI	80 (Typical)		
Drive Type	Epistar		
Construction	Impact resistant plastic & Integrated heat sink		
Efficiency Rating	0.92	0.92	0.92
Lifespan- 70% Lumen MTBF	50,000 Hrs		
Power Factor	0.85		
Safety Grade	IP64		
Warranty	2 Years		
Diameter	50MM		
Net Weight (g)	52	67.5	82.5
Shipping Box Weight (kg)	0.067	0.825	0.975
Shipping Box Size (cm)	5*5*6.5	5*5*6.5	5*5*6.5
# per Shipping Box	100	100	100

Sirius Series: High Power Spotlights

Triple Spot

Specifications

Base: MR-16, GU10, E26 / E27

Voltage:

E26/E27, GU10 AC 85-265V

MR-16 AC/DC 12V

Lumen: 150LM

Lighting Angle: 55- 65 degrees

Lifespan: 50,000 hours

Operating Temp: -4° to 113°F, or -20° to 45°C

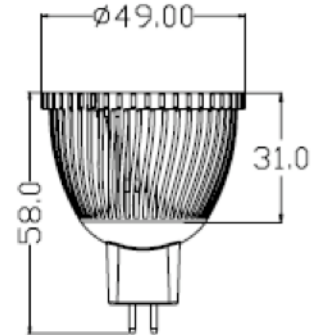
Color Temp:

Warm White 2600°-3700°K

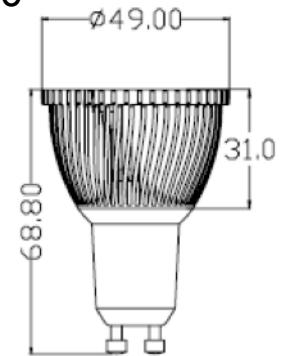
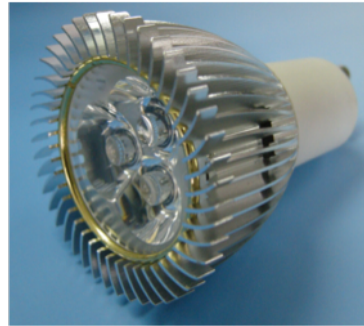
Day White 5000°-7000°K

Warranty: 2 Years

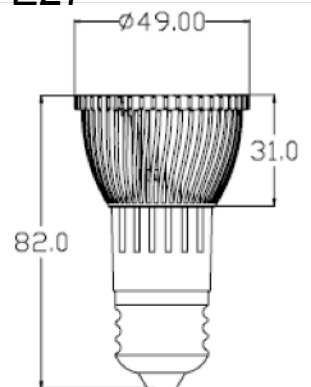
MR-16



GU10



E26 / E27



Specification subject to change without notice.
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Sirius Series: High Power Spotlights

Options and Specifications

	Tri-Spot MR16	Tri-Spot GU10	Tri-Spot E27
Catalog No.	GCL-FMR16-3X1W-001	GCL-GU10-3X1W-001	GCL-E27-3X1W-001
Wattage	3		
Input voltage	AC/DC 12V	AC 85V-265V	AC 85V-265V
Light output (Lumens)	150LM		
LED Count	3 LED		
Lighting Angle	55 - 65°		
LED Engine Manufacturer	CREE		
Lens Type	PMMA		
Color Temps Available	Warm White: 2600°- 3700° K / Daylight White: 5000°- 7000° K		
Operating Temp	-4° to 113°F, or -20° to 45°C		
Base / Fitting Type	MR16	GU10	E26 / E27
CRI	80 (Typical)		
Drive Type	Epistar		
Construction	Impact resistant plastic & Integrated heat sink		
Efficiency Rating	0.92		
Lifespan- 70% Lumen MTBF	50,000 Hrs		
Power Factor	0.9		
Safety Grade	IP64		
Warranty	2 Years		
Diameter	49MM		
Net Weight (g)	45	41	61
Shipping Box Weight (kg)	0.06	0.056	0.076
Shipping Box Size (cm)	65*29*17.5	65*29*17.5	29*29*18.5
# per Shipping Box	100	50	50

Sirius Series: High Power Spotlights

Multi-Spots

Specifications

Base: MR-16, GU10, E26 / E27

Lifespan: 50,000 hours

Operating Temp: 14° to 95°F, or -10° to 35°C

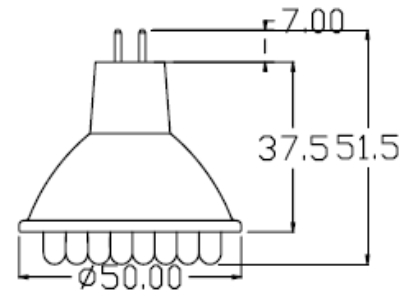
Color Temp:

Warm White 2600°-3700°K

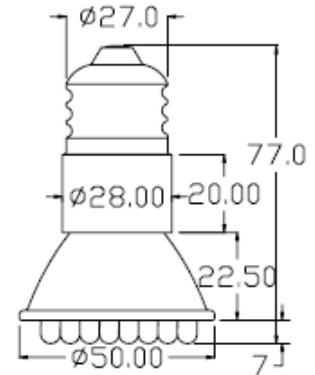
Day White 5000°-7000°K

Warranty: 2 Years

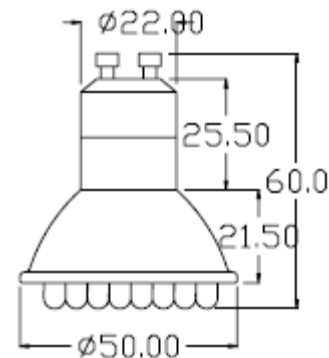
MR-16



GU10



E26 / E27



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Sirius Series: High Power Spotlights

Options and Specifications

	MR16 24 LED	MR16 48 LED	GU10 48 LED	E27 48 LED
Catalog No.	GCL-FMR16-24LED-001	GCL-FRM16-48LED-001	GCL-GU10-48LED-001	GCL-E27-48LED-001
Wattage	1.3 W	2 W	2 W	2W
Input voltage	AC/DC 12V AC 9 – 16V	AC 9 – 16V	AC 120V/220V	AC 120V/220V
Light output (Lumens)	80LM	150LM	150LM	150LM
LED Count	24	48	48	48
Lighting Angle	60°			
LED Engine Manufacturer	CREE			
Lens Type	PMMA			
Color Temps Available	Warm White: 2600°- 3700° K / Daylight White: 5000°- 7000° K			
Operating Temp	14° to 95°F, or -10° to 35°C			
Base / Fitting Type	MR16	MR16	GU10	E26 / E27
CRI	80 (Typical)			
Drive Type	Epistar			
Construction	Impact resistant plastic & Integrated heat sink			
Efficiency Rating	0.91			
Lifespan - 70% Lumen MTBF	50,000 Hrs			
power factor	0.85			
Safety Grade	IP60			
Warranty	2 Years			
Diameter	50MM			
Net Weight (g)	42	42	54	72
Shipping Box Weight (kg)	0.057	0.057	0.069	0.072
Shipping Box Size (cm)	65*29*17.5	65*29*17.5	65*29*17.5	29*29*18.5
# per Shipping Box	100			

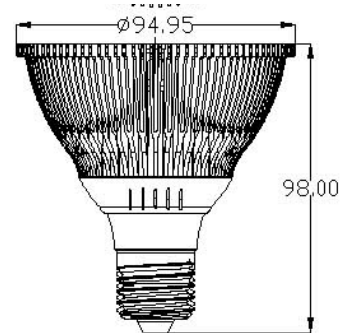
Altair Series: Down Lighting

PAR 30 and 38

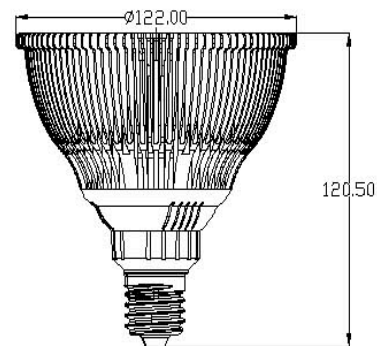
PAR 30

Specifications

Base:	E26, E27
Voltage:	AC 85-265V
Lighting Angle:	30 - 60 degrees
Lifespan:	50,000 hours
Operating Temp:	14° to 95°F, or -10° to 35°C
Color Temp:	
Warm White	2600°-3700°K
Day White	5000°-7000°K
Warranty:	2 Years



PAR 38



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Altair Series: LED Down Lighting

Options and Specifications

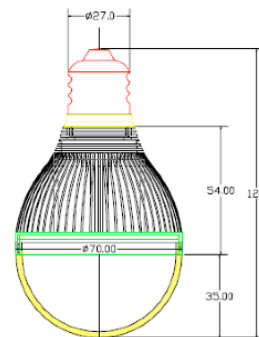
	PAR 30 (Dimable)	PAR 30 (Non-dimable)	PAR 38 (Dimable)	PAR 38 (Non-dimable)
Catalog No.	GCL-FPAR30-7x1W-001	GCL-FPAR30-7x1W-002	GCL-FPAR38-9X1.2W-001	GCL-FPAR38-12X1.2W-002
Wattage	7	7	12	15
Input voltage	AC 85V-265V	AC 85V-265V	AC 85V-265V	AC 85V-265V
Light output (Lumens)	400LM	400LM	700LM	700LM
LED Count	7 LEDs	7 LEDs	9 LEDs	12 LEDs
Lighting Angle	30 - 60°			
LED Engine Manufacturer	CREE			
Lens Type	PMMA			
Color Temps Available	Warm White: 2600°- 3700° K / Daylight White: 5000°- 7000° K			
Operating Temp	14° to 95°F, or -10° to 35°C			
Base / Fitting Type	E26, E27			
CRI	80 (Typical)			
Drive Type	Epistar			
Construction	Impact resistant plastic & Integrated heat sink			
Efficiency Rating	0..92			
Lifespan - 70% Lumen MTBF	50,000 Hrs			
Power Factor	0.85			
Safety Grade	IP60			
Warranty	2 Years			
Diameter	94.5mm	94.5mm	121.6mm	121.6mm
Net Weight (g)	236	236	460	470
Shipping Box Weight (kg)	0.26	0.26	0.51	0.51
Shipping Box Size (cm)	51.5*51.5*22	51.5*51.5*22	70*30*29	70*30*29
# per Shipping Box	50	50	20	20

Pollux Series: Household Bulbs

Specifications

Base:	E26/E27/B22
Voltage:	AC 85-265V
Lighting Angle:	120 degrees
Lifespan:	50,000 hours
Operating Temp:	14° to 95°F, or -10° to 35°C
Color Temp:	
Warm White	2600°-3700°K
Day White	5000°-7000°K
Warranty:	2 Years

E26 / E27 / B22



E26 / E27



E26 / E27



Specification subject to change without notice.
See website for latest version.

Features

- Aluminum heat sink
- No Ultraviolet (UV) interference
- No Radio Frequency (RF) interference
- Patented heat sink & optical diffuser
- Longer life than incandescent & fluorescents
- Solid State Lighting (SSL)
- Vibration resistant
- Instant Start
- No ballast required
- Mercury free
- Wide voltage
- Constant current
- High shock
- Quiet, no noise
- No flickering

All products are ETL certified and in accordance with CE, UL and FCC testing standards.

GreenCircleLights Inc
70-40 137th Street
Flushing, NY 11367

Main: 917-817-3389
Sales: 917-373-3022



Pollux Series: LED Household Bulbs

Options and Specifications

	Household Bulb 6 Watt	Household Bulb 3 Watt	Household Bulb 3 Watt
Catalog No.	GCL-FG70-5X1.2W-001	GCL-FG50-1X3W-001	GCL-FG50-1X3W-002
Wattage	6	3	3
Input voltage	AC 85V-265V	AC 85V-265V	AC 85V-265V
Light output (Lumens)	400LM	120LM	120LM
LED Count	5 LEDs	1 LED	1 LED
Lighting Angle	120°		
LED Engine Manufacturer	CREE		
Lens Type	PMMA		
Color Temps Available	Warm White: 2600°- 3700° K / Daylight White: 5000°- 7000° K		
Operating Temp	14° to 95°F, or -10° to 35°C		
Base / Fitting Type	E27/E26/B22	E27/E26	E27/E26
CRI	80 (Typical)		
Drive Type	Epistar		
Construction	Impact resistant plastic & Integrated heat sink		
Efficiency Rating	0.92		
Lifespan - 70% Lumen MTBF	50,000 Hrs		
Power Factor	0.85		
Safety Grade	IP60		
Warranty	2 Years		
Diameter (mm)	70	50	50
Net Weight (g)	178	70	70
Shipping Box Weight (kg)	0.2285	0.25	0.25
Shipping Box Size (cm)	40*40*28	5.5*5.5*6.5	5.5*5.5*6.5
# per Shipping Box	50	50	50

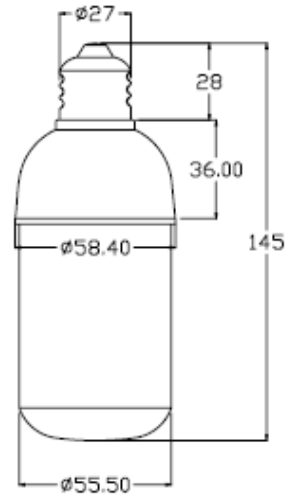
Pollux Series: Household Lights

80 / 150 LED

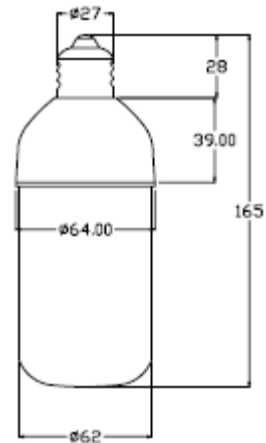
Specifications

Base:	E26/E27/B22
Voltage:	AC 120V
Lighting Angle:	180 degrees
Lifespan:	50,000 hours
Operating Temp:	14° to 95°F, or -10° to 35°C
Color Temp:	
Warm White	2600°-3700°K
Natural White	4000°-4800°K
Day White	5000°-6500°K
Cool White	6500°-7500°K
Warranty:	2 Years

80 LED



150 LED



Specification subject to change without notice.
See website for latest version.

Features

- Aluminum heat sink
- No Ultraviolet (UV) interference
- No Radio Frequency (RF) interference
- Patented heat sink & optical diffuser
- Longer life than incandescent & fluorescents
- Solid State Lighting (SSL)
- Vibration resistant
- Instant Start
- No ballast required
- Mercury free
- Wide voltage
- Constant current
- High shock
- Quiet, no noise
- No flickering

All products are ETL certified and in accordance with CE, UL and FCC testing standards.

GreenCircleLights Inc
70-40 137th Street
Flushing, NY 11367

Main: 917-817-3389
Sales: 917-373-3022



Pollux Series: LED Household Lights

Options and Specifications

	LED 80 (Dimable)	LED 81 (Non-Dimable)	LED 150 (Dimable)	LED 151 (Non-Dimable)
Catalog No.	GCL-FP60-80LED-001	GCL-FP60-81LED-002	GCL-FP60-150LED-001	GCL-FP60-150LED-002
Wattage	4.5	4.5	7.5	7.5
Input voltage	AC 120V	AC 120V	AC 120V	AC 120V
Light output (Lumens)	300LM	300LM	500LM	500LM
LED Count	80 LEDs	81 LEDs	150 LEDs	151 LEDs
Lighting Angle	180°			
LED Engine Manufacturer	CREE			
Lens Type	no lens			
Color Temps Available	Warm White: 2600°- 3700° K / Natural White: 4000°- 4800°K Daylight White: 5000°- 6500° K / Cool White: 6500°- 7500°K			
Operating Temp	14° to 95°F, or -10° to 35°C			
Base / Fitting Type	E26/E27	E26/E27	E26/E27/B22	E26/E27/B22
Central Lux	30 Lux / 3m	30 Lux / 3m	40 Lux / 3m	40 Lux / 3m
CRI	80			
Drive Type	Epistar			
Construction	Impact resistant plastic & Integrated heat sink			
Efficiency Rating	0.86			
Lifespan - 70% Lumen MTBF	50,000 Hrs			
Power Factor	0.85			
Safety Grade	IP60			
Warranty	2 Years			
Diameter	55.5mm			
Net Weight (g)	107	107	148	148
Shipping Box Weight (kg)	0.143	0.143	0.195	0.195
Shipping Box Size (cm)	36*36*37	36*36*37	40*39*42	40*39*42
# per Shipping Box	50	50	50	50