

DATA SHEET: 180 degrees G24Q-4pin/2pin LED PL light

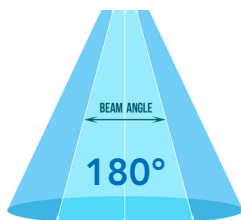
Our 180 degrees G24Q-4pin/2pin are ballast ready for easy installation and are backed with our industry-leading 50,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

PRODUCT BENEFITS

- 50% - 70% energy saving than CFL
- No mercury, no UV and infrared in beam
- Isolated Power Supply inside, it's more safe and better for heat dissipation.
- Extruded aluminum is good at heat dissipation, surfacetemperature usually stay below 65°
- Surface of aluminum was protected with being oxy-genated.
- We use quality Rubycon capacitors.
- Service time is upto 50,000 hours.
- Warranty 5 Years/10 Years Option.

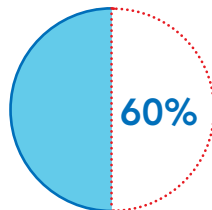


BEAM ANGLE



Patriot LED Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality

APPLICATIONS

- Wattage: 4W, 6W, 9W, 12W
- Life Span: 50,000 Hours
- Beam Angle: 180°
- Led Source: 5730
- Luminous: 990-1080
- Dimmable: No
- Power Factor: >0.9
- Certificates: CE, ROHS, EMC

ORDERING MODEL

PATRIOT TUBE	LAMP BASE	CRI	VOLTAGE	WATTAGE	BEAM ANGLE	WORKING HOURS
PT	G24Q 4pin / 2pin	>80	AC120-277V 50/60Hz	4W 6W 9W 12W	180°	50000 hours
Product Code: example						
PT-L-G24Q-9						



Beam angle 180° = L

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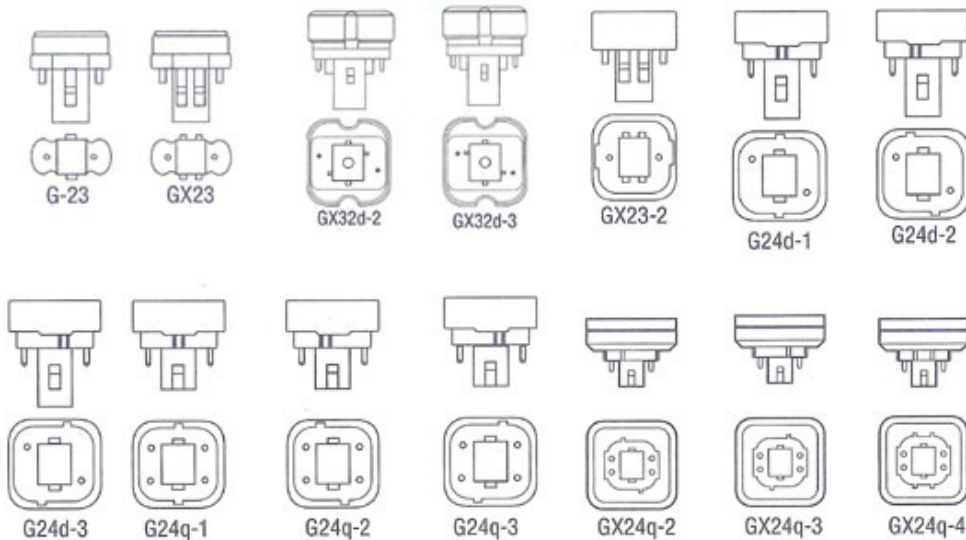
PRODUCT SPECIFICATION

Product No.	BAA/TAA Option*	Rated Lamp Wattage	Lamp Base	Input Voltage	Color Temp (K)	Rated Lumens	LED Source	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	Power Factor
180 degrees G24Q-4pin/2pin												
PT-L-G24Q-4	Yes	4	G24Q-4pin/2pin	AC120-277V 50/60Hz	Warm White Pure White Cool White	540	5730	>80	180°	50,000	-20°C to 45°C	> 0.9
					2800 - 3200K 4000 - 4500K 6000 - 6500K							
PT-L-G24Q-6	Yes	6	G24Q-4pin/2pin	AC120-277V 50/60Hz	Warm White Pure White Cool White	810	5730	>80	180°	50,000	-20°C to 45°C	> 0.9
					2800 - 3200K 4000 - 4500K 6000 - 6500K							
PT-L-G24Q-9	Yes	9	G24Q-4pin/2pin	AC120-277V 50/60Hz	Warm White Pure White Cool White	990-1080	5730	>80	180°	50,000	-20°C to 45°C	> 0.9
					2800 - 3200K 4000 - 4500K 6000 - 6500K							
PT-L-G24Q-12	Yes	12	G24Q-4pin/2pin	AC120-277V 50/60Hz	Warm White Pure White Cool White	1500	5730	>80	180°	50,000	-20°C to 45°C	> 0.9
					2800 - 3200K 4000 - 4500K 6000 - 6500K							

PHYSICAL DATA

Product No.	Material Usage	Application	Package	Corton Size (cm)	Qty / Ctn Gross Weight (kg)	Housing color	LED QTY	Certification
180 degrees G24Q-4pin/2pin								
PT-L-G24Q-4	Extruded aluminum heat sink	Indoor Lighting	Whitebox Customized	22*22*28cm (L * W * H)	50 PCS 7 KG	White+Grey		CE ROHS EMC
PT-L-G24Q-6	Extruded aluminum heat sink	Indoor Lighting	Whitebox Customized	22*22*28cm (L * W * H)	50 PCS 7 KG	White+Grey		CE ROHS EMC
PT-L-G24Q-9	Extruded aluminum heat sink	Indoor Lighting	Whitebox Customized	22*22*28cm (L * W * H)	50 PCS 7 KG	White+Grey	20 PCS	CE ROHS EMC
PT-L-G24Q-12	Extruded aluminum heat sink	Indoor Lighting	Whitebox Customized	22*22*28cm (L * W * H)	50 PCS 7 KG	White+Grey		CE ROHS EMC

We have following lamps. Please check availability before order.



TESTING REPORT

1. Remark: The testing data comes from the product in luminaires.

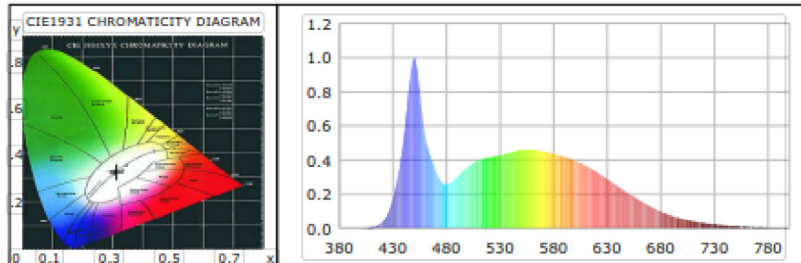
Spectrum Test Report

Product Information

Product Category: LED	Product Type: G24Q LIGHT
Product Spec: 9W	Product Number: G24Q-9W
Manufacturer:	

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3112$ $y=0.3256$ $u(u')=0.1980$ $v=0.3109$ $v'=0.4663$
 CCT: $T_c=6618K$ ($duv=0.00223$) Color Ratio: $R=0.138$ $G=0.803$ $B=0.060$
 Peak Wavelength: 450nm Half Bandwidth: 22.0nm
 Dominant Wavelength: 488.1nm Color Purity: 0.081
 CRI: R_i : $R_a=83.4$
 $R_1=86$ $R_2=82$ $R_3=84$ $R_4=91$ $R_5=84$ $R_6=81$ $R_7=93$ $R_8=81$
 $R_9=43$ $R_{10}=67$ $R_{11}=93$ $R_{12}=57$ $R_{13}=87$ $R_{14}=91$ $R_{15}=84$



Photometric Parameters

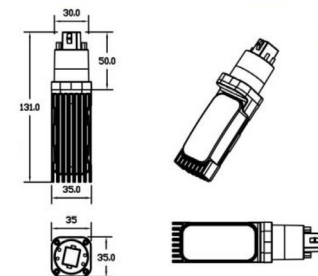
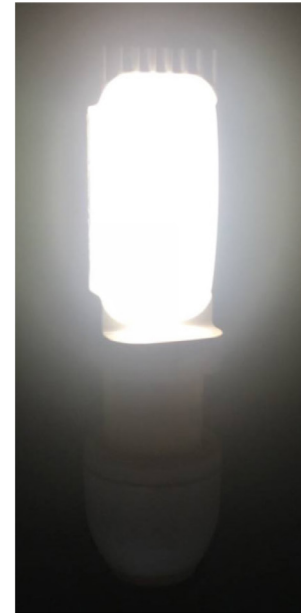
Luminous Flux: 1187.1 lm Efficiency: 131.90 lm/W Radiant Power: 3.724 W

Electric Parameters

Voltage: 219.50V Current: 0.0420A Power: 9W
 Power Factor: 0.9610 Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm	Photometric Method:
Stabilization Time: 0 ms	Photometric Condition: Sphere diameter: 1.00m, 4T
Max of Signal: 46830 (2507)	CCD Integration Time: 38.94 ms



Condition: 25°C	Test Device: Inventive CMS-25
Test Lab:	Test Time: 2017-5-03 17:10:23
Operator: Matthew	Inspector: