



3. PG Series, Hi-Intensity LED Traffic Lights Modules:

PRODUCT Images:



Red, Yellow & Green HI-Intensity LED Traffic Lights:

PGE high Intensity traffic signal light modules are energy-efficient products and systems that are primary for smooth and safe vehicular as well as pedestrian movement.

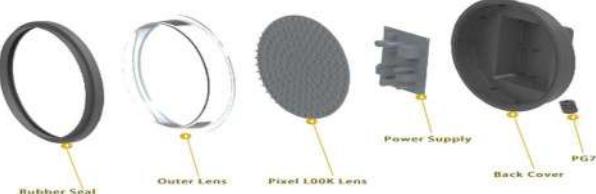
These are high quality and maintenance-free with clear visibility in all-weather & all-light conditions.

Features & Benefits:

- Wide viewing angles & low power consumption
- Compatibility with most traffic housings and controllers.
- Standard or customized symbols can be supplied with 5mm LED Lights.
- Colorless Glass lens for high visibility.



MODULE COMPOSITION:





TECHNICAL SPECIFICATIONS:

No.	Model:	PG/HI-300-R/Y/G-3A	PG/HI -200-R/Y/G-3A
1	Size (Module dia.):	300mm; 12 inch.	200mm; 8 inch.
2	Aspects arrangement:	1 / 2 / 3 / as per requirement.	
4	Housing Material:	Polycarbonate, UV-light-resistant.	
5	Fixing Bracket	Metal/ Plastic Brackets.	
6	Sun visor:	Poly carbonate visor with screw fitting for enhance visibility in Sun light.	
7	Phantom class:	> 3	
8	Color:	Red, Yellow, Green.	
9	Light Source:	5mm LED.	
11	Impact resistance:	IR3 (Compliance with EN60598-I).	
12	Luminous Intensity (cd):	R>200cd, Y>400cd, G>220cd	
14	Wavelength:	Red: 620~630 nm, Yellow: 590~595 nm, Green: 500~510 nm.	
15	Power Consumption:	R ≤ 11W Y ≤ 12W G ≤ 11W.	R ≤ 8W Y ≤ 9W G ≤ 8W.
16	Viewing Angle:	Compliance with the ± 30° requirement as per EN12368:2006. (L/R-30° U/D-30°)	
17	View Distance:	≥ 500 m	
19	Switch on time	≤ 75 ms	
20	Rated Temperature:	Between -45°C and 74°C.	
21	Operation Voltage:	110 V AC / 220 V AC / 12 VDC / 24 V DC / 42 V AC.	
22	Frequency:	50/60HZ	
23	Power Factor:	> 90%	
24	Module material:	Polycarbonate (PMMA) – UV resistant, Optical Lens showing a very good color uniformity.	
25	Life Span:	>85,000 hours (9-10 years of continuous Light).	
26	Warranty:	1 Years.	
27	IP Grade:	Module: IP-65; Body: IP-54	
28	Compliance:	CE, ISO9001, EN-12368 & RoHS compliant.	

Reference Images:

