

Hi-Flux LED Traffic Aspect



5 Years
Warranty

Built-in
SPD

Pascal's Hi-Flux LED Traffic Aspects Designed for high-performance and extreme long-life to keep all road users safe at all time

These days, LEDs are the predominant form of illumination for traffic signal heads, having largely superseded conventional signal lamps.

This technology consumes little power yet delivers superb traffic signaling performance to enhance safety to motorist and pedestrian.

Pascal 300mm Hi-Flux LED signal aspect evenly illuminated lights are reliably seen by road users, even in unfavorable lighting and weather conditions, keeping road users safe all the time. Pascal Hi-Flux Aspects design incorporates built-in SPD and excellent thermal management delivers superior product performance and product longevity when installed in harsh outdoor environment. The aspects is factory sealed for maximum IP reliability.

The product has been designed to use constant current source to maintain consistent light output through voltage fluctuation, ensuring no compromise to the visibility.

Product Main Features:

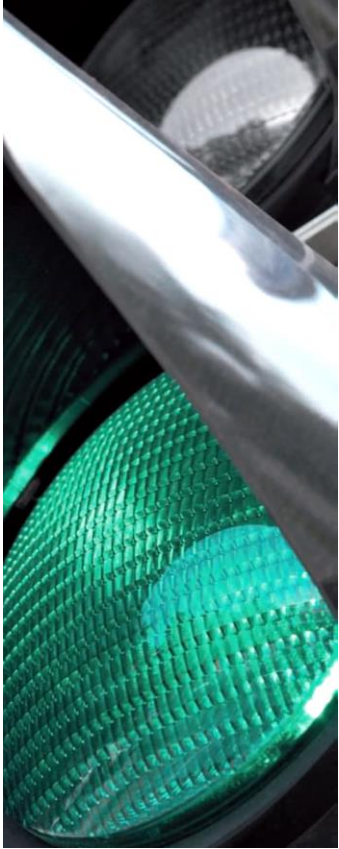
- Hi-Flux LED designed for Incandescent look
- Excellent Uniformity
- Polycarbonate material with UV protection
- Optical Performance: A3/1 M, A2/1 M (Acc. to EN12368)
- Operating voltage: 195 to 254Vac 50Hz
- On-Off Time: <50 milliseconds
- Power Factor: >0.95
- Ingress Protection: IP65

Main Applications:

- Intersection Vehicle Signaling
- Pedestrian Signaling
- Warning Signal
- Other Symbol Signaling

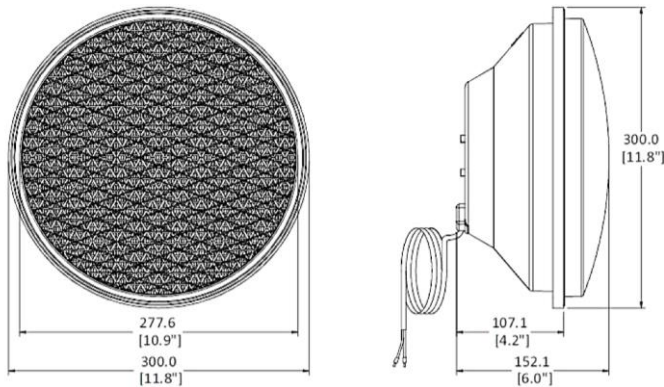
Technical Data

Model	Pascal Hi-Flux LED Traffic Signal Aspect
Aspect Type	300mm Red, Amber and Green Aspects
Type of Lamp	Hi-Power LED
Luminous Intensity	> 400 candela
Maintain Intensity	70% after 100,000 hours
Optical Efficiency	A3/1 M, A2/1 M (According to EN12368)
Sun Phantom	Class 5
LED Driver	Integrated High-efficiency LED Driver
Lamp Starting Time	< 0.5 seconds, Instant On/Off
Power Factor	>0.9
Surge Protection	Built-in 3kV
Operating Temperature	-20°C to +45°C
Ingress Protection	IP65 Conforms to MIL-STD-810F for blowing rain
Material	Black polycarbonate housing on the rear, and high color/tinted polycarbonate lens on the front



Product Description	300mm Red Hi-Flux	300mm Yellow Hi-Flux	300mm Green Hi-Flux
Part Number	143912-R	143913-Y	143914-G
Operating Voltage	195 Vac to 254 Vac, 45 to 55 Hz		
Luminous Intensity (cd)	>400cd		
Wavelength	625nm	592nm	505nm
Power Consumption	6W	8W	8W
Operating Current	0.03A	0.04A	0.04A
Power Factor	> 0.95		
THD	<20%		
IP Rating	IP65		
Impact Resistance	IR3 (Acc to EN12368)		
Lens Material	UV Stabilized Color Polycarbonate		
Housing Material	UV Stabilized Black Polycarbonate		

Dimensions



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