

aselsan

POWER LED SIGNAL TRANSMITTERS

HIGH PERFORMANCE

AESTHETIC DESIGN

LONG LASTING

MODULAR CONSTRUCTION





POWER LED SIGNAL TRANSMITTERS

ASELSAN signal transmitters, which are specially produced with a 100% polycarbonate body structure, offer high performance with their structure resistant to all kinds of environmental and climatic conditions.

Signal transmitters are designed for use in different climatic conditions.

It provides maximum LED life thanks to the heatsink integrated with the body structure. It has homogeneous light distribution, wide light angle and high deceptive signal class (class 5) thanks to its outer lens and intermediate diffuser lens with special lens structure.

The switching power supply used in the modules has been developed for signal transmitters, and module errors and conflicts can also be detected by other devices thanks to the harmonic distortion and power factor values. Thanks to its modular and ergonomic structure, it provides ease of assembly.

Main Features

- Modular Structure
- Aesthetic Design
- Homogeneous Light Distribution
- High Deceptive Signal Level
- Functional Cooling
- IP65 Protection Class
- 100% Polycarbonate

Technical Specifications

	Power LED 300 mm Auto Signal Group	Power LED 200 mm Auto Signal Group	Power LED 200 mm Pedestrian Signal Group	Power LED Rail System Signal Group
Diameter	Ø300 mm	Ø200 mm	Ø200 mm	Ø200 mm, Ø300 mm
Operating Voltage	220 VAC, 50 Hz (±4)	220 VAC, 50 Hz (±4)	220 VAC, 50 Hz (±4)	220 VAC, 50 Hz (±4)
Operating Temperature Range	-40°C , +70°C	-40°C , +70°C	-40°C , +70°C	-40°C , +70°C
Relative Humidity	%0 - %95	%0 - %95	%0 - %95	%0 - %95
EMC	EN 50293	EN 50293	EN 50293	EN 50293
Body Structure	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Body Color	Black, Grey	Black, Grey	Black, Grey	Black, Grey
Power Factor	PF > 0,90	PF > 0,90	PF > 0,90	PF > 0,90
Total Harmonic Distortion	THD i _v < %20	THD i _v < %20	THD i _v < %20	THD i _v < %20
Deceptive Signal Class	5	5	5	5
Light Intensity Distribution	Type N, M	Type W	Type W	Type W or Type N, M
Symbol Class	S1	S1	S1	S1
Impact Resistance Class	IR3	IR3	IR3	IR3
Protection Class	IP65	IP65	IP65	IP65
Performance Level	B3/2 / A3/2	B2/2 / A3/1	B2/2 / A3/1	B2/2 / A3/1 ya da Tip N, M

