LEDSignage

S Series SMD LED Modules

lumenport™   *Lower light decrease, longer life span*

Are you always upset on your frequently broken neon signs or low brightness Piranha LED signs? Just abandon them and choose LEDSinage™ S series SMD LED Modules.

LUMENPORT Electronics® LEDSinage™ S series SMD LED Module adopts SMD LED as lighting source, which features much lower light decrease, longer life span than piranha LEDs.

LEDSinage™ S4 is square shape, with 4 SMD LEDs in, and available in solid colors.
LEDSinage™ S3 is oblong shape, with 3 SMD LEDs in, and available in solid colors.
LEDSinage™ S series can be installed easily with 3M double-sided tape on the back.
If a dynamic lighting is required, LEDSinage™ S series can also be connected with specified dimmer (QColor™ Remote Dimmer).
Operating on 12VDC low voltage, LEDSinage™ S series is a safety luminaries and is compatible with our 12 VDC QDriver™/XDriver™ LED Power Supply. (Please visit http://www.lumenport.com/ for more information.)
LEDSinage™ S series are well employed for countless proposes, mainly lighting channel and reverse-channel letters, signs, billboards or advertising boards.

Feature & Benefits:
Lower light decrease with SMD LED;
High brightness and light efficiency with high quality LEDs;
Easy installation with 3M double-sided sticking tape;
Long life span of 50,000 hours with little heat, high quality LEDs and proper drive characteristics;
IP65, applicable for dry, wet, damp environment;
Safety and stable with low voltage (12VDC);
Energy saving with low power consumption.

LEDSinage™ S4 LED Modules Part Numbers

Part Number	Description	Unit
LMZ-S004R-005600-L1	LEDSinage S4 SMD LED Module, 4LEDs, Red, 12VDC, Single 3M Tape	pcs
LMZ-S004Y-005600-L1	LEDSinage S4 SMD LED Module, 4LEDs, Yellow, 12VDC, Single 3M Tape	pcs
LMZ-S004B-005600-L1	LEDSinage S4 SMD LED Module, 4LEDs, Blue, 12VDC, Single 3M Tape	pcs
LMZ-S004G-005600-L1	LEDSinage S4 SMD LED Module, 4LEDs, Green, 12VDC, Single 3M Tape	pcs
LMZ-S004N-005600-L1	LEDSinage S4 SMD LED Module, 4LEDs, Natural White, 12VDC, Single 3M Tape	pcs

Technical Specifications

Physical Specifications

Dimension	L36*W36*H6 mm
Connectors	2-pin power connector
Weight	10g
Housing	Aluminum Housing
IP Rating (Work environment)	IP65 (applicable for dry, wet, damp environment)

Electrical Specifications

Lighting Source	SMD LEDs
LED Quantity	4 LEDs
Operation Voltage	12 VDC
Power Consumption	0.96W
Operation Temperature	-40℃- 60℃ (-40℉~140℉)
Maximum Series-wound Quantity	20 pcs
Power Supply	12 VDC QDriver™/XDriver™ LED Power Supply
Dimming System	QColor™ Remote Dimmer (Part Number: HCD-00001-000000-RD)

Optical Specifications

Color Range	Red	Yellow	Blue	Green	White
Lumens (one pcs)	14 lm	14 lm	14 lm	24 lm	40 lm
Wavelength	619-620	584-595	463-475	512-528	—*
Beam Angle	120 degree				
Lumen Maintenance	>95%@1,000hrs				

* Color Temperature: 5,500~6,500K

LEDSinage™ S3 LED Modules

Part Numbers

Part Number	Description	Unit
LMZ-S003R-008600-L1	LEDSinage S3 SMD LED Module, 3LEDs, Red, 12VDC, Single 3M Tape	pcs
LMZ-S003Y-008600-L1	LEDSinage S3 SMD LED Module, 3LEDs, Yellow, 12VDC, Single 3M Tape	pcs
LMZ-S003B-008600-L1	LEDSinage S3 SMD LED Module, 3LEDs, Blue, 12VDC, Single 3M Tape	pcs
LMZ-S003G-008600-L1	LEDSinage S3 SMD LED Module, 3LEDs, Green, 12VDC, Single 3M Tape	pcs
LMZ-S003N-008600-L1	LEDSinage S3 SMD LED Module, 3LEDs, Natural White, 12VDC, Single 3M Tape	pcs

Technical Specifications

Physical Specifications

Dimension	L78*W15*H5 mm
Connectors	2-pin power connector
Weight	10g
Housing	Aluminum Housing
IP Rating (Work environment)	IP65 (applicable for dry, wet, damp environment)

Electrical Specifications

Lighting Source	SMD LEDs
LED Quantity	3 LEDs
Operation Voltage	12 VDC
Power Consumption	0.72W
Operation Temperature	-40℃- 60℃ (-40℉~140℉)
Maximum Series-wound Quantity	20 pcs
Power Supply	12 VDC QDriver™/XDriver™ LED Power Supply
Dimming System	QColor™ Remote Dimmer (Part Number: HCD-00001-000000-RD)

Optical Specifications

Color Range	Red	Yellow	Blue	Green	White
Lumens (one pcs)	10.5 lm	10.5 lm	10.5 lm	18 lm	30 lm
Wavelength	619-620	584-595	463-475	512-528	—*
Beam Angle	120 degree				
Lumen Maintenance	>95%@1,000hrs				

* Color Temperature: 5,500~6,500K