



HAVELLS

LED MODULE

ILLUMINATE YOUR WORLD WITH
BRILLIANT EFFICIENCY



EDGE MODULE

24V | 3W | IP 68
SLNEP30-65L-24V



3-LED MINI MODULE

24& 12V | 0.72W | IP 68
SLNMP07-65D-24/12V



3-LED MODULE

24& 12V | 1.1 W | IP 68
SLNRP11-65W-24/12V



7-LED MODULE

24V | 2W | IP 68
SLNMP07-65D-24V

50,000 HOURS
RATED LIFE



LED MODULE



Product Details

We offer state-of-the-art LED modules in multiple wattage options. Our range of modules comprises of the Edge Module, 7-LED Module, 3-LED Module, and 3-LED Mini Module. The Edge Module & 7-LED Module are available in 24V input, and the 3-LED & 3-LED Mini Modules are available in both 12V and 24V input. All of our modules feature an IP68 rating and a 10-year warranty. Our LED modules offer incredible performance and are environmentally friendly and durable.

Product Specification

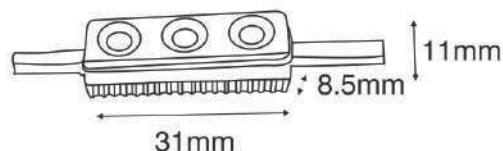
DESCRIPTION	EDGE MODULE	3-LED MINI MODULE	3-LED MODULE	7-LED MODULE
Part no.	SLNEP30-XXL-24V	SLNMP07-XXD-24/12V	SLNRP11-XXW-24/12V	SLNHP20-XXL-24V
CCT(k)	3000 4000 6500 7000 10000	3000 4000 6500 7000 10000	3000 4000 6500 7000 10000	3000 4000 6500 7000 10000
Beam angle (°)	Asymmetric lens 20°	Diffuser Lens 150°	Wide Angle 170°	Wide Angle 170°
Operating Voltage(v)	24V	24 & 12V	24 & 12V	24V
Power(w)	3.0 W	0.72 W	1.1 W	2.0 W
Lumen per Feet	424.51	313.28	235.71	291.33
No. of LED Modules per string	20 modules	50 modules	50 modules	20 modules
Efficacy (Lm/W)	102 Lm/W	95 Lm/W	100 Lm/W	105 Lm/W
No. of Module per feet	1.39	4.58	2.14	1.39
Life Span	50,000h	50,000h	50,000h	50,000h
Protection grade	IP 68	IP 68	IP 68	IP 68
Dimension(mm)	90L x 35W x 10H	31L x 11W x 8.5H	66L x 15W x 8.5H	42L x 42W x 8.5H

Product Size

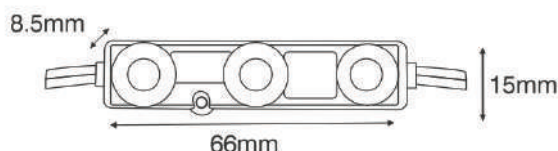
(i) EDGE MODULE



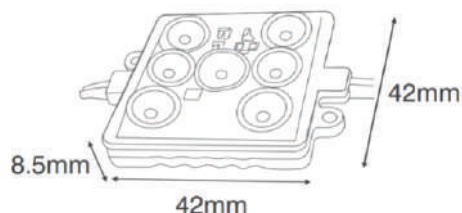
(ii) 3-LED MINI MODULE



(iii) 3-LED MODULE



(iv) 7-LED MODULE



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Key Installation Instructions

- For 24 X 7 operation, the maximum loading on the drivers should not be more than 75%
- For 8-12 Hours of continuous operations, loading can go up to 85-90%
- Maximum 25 Modules to be connected in series to control voltage drop and brightness

Loading Chart

Module Rating For 12 V Operation			
	Model No.	SLNMP07-XXD-12V	SLNRP11-XXW-12V
Driver Model No.	Watt	0.72W/Module	1.08W/Module
SLNU60W-12V	60	83	56
SLNU100W-12V	100	139	93
SLNU120W-12V	120	167	111
SLNU180W-12V	180	250	167

Module Rating For 24 V Operation

	Model No.	SLNMP07-XXD-24V	SLNRP11-XXW-24V	SLNHP20-XXL-24V	SLNEP30-XXL-24V
Driver Model No.	Watt	0.72W/Module	1.08W/Module	2.0W/Module	3.0W/Module
SLNU60W-24V	60	83	56	30	20
SLNU100W-24V	100	139	93	50	33
SLNU120W-24V	120	167	111	60	40
SLNU180W-24V	180	250	167	90	60