

Electrical systems & Lighting & components & accessories & supplies :UNSPSC:39

Lighting & fixtures & accessories UNSPC Code : 3911

Emergency lighting UNSPC Code : 31117

Perimeter light (Strobe or warning lights)UNSPC Code : 391111706

S.No.	Parameters	Value 1	Value 2	Value 3	Value 4	Unit	Validation
<b>GENERIC</b>							
1	Perimeter light	LED based Light Bar System- Low energy consumption and minimum wind drag.Maximizes Light dispersion . To help vehicle reach at spot quickly and safely.					M
2	LED perimeter light Wattage	3	6	9	12	W	G
		15	18	36	50		
		100					
3	Length (in mm)					mm	TBD
4	Breadth (in mm)					mm	TBD
5	Height (in mm)					mm	TBD
6	Weight (in kg)					kg	TBD
<b>CONSTRUCTION</b>							
1	Illumination Source	SMD Led Chip	Through Hole LED				M
2	Nos of LED modules in Light Bar	1≤N≤10				TBD	
3	Nos of LEDs in one module						TBD
4	Shape	Rectangular	Octagon	Circular			MF
5	Color of LED Light	Red-White	Blue-White	Amber	White		MF
6	Operation Modes	On, Off	On, Off, Low brightness	On, Off, Scene Lighting	On, Off, Low Brightness, Scene Lighting		
7	Brightness Levels	1	2	3	4		MF
8	Number of Flash patterns	1	4	8	16	Nos	MF
9	Flash Pattern Change with Memory Recall	Yes		No			MF
10	Brightness Control	Yes		No			MF

11	Strobe Pattern	Yes		No			MF
12	Scene Lighting Button (White Led)	Yes	No				
13	Light head Configuration						MF
14	Control Box	Yes	NO				G
15	Lens material	Polycarbonate	PMMA	Silicone			MF
16	Lens Type	Flare	Collimating	Fresnel			MF
17	Lighthouse Outer Cover	Fresnel		Non-Fresnel			MF
18	Mounting Type	Permanent Mount		Magnet Mount			M
19	Mounting Location	On vehicle periphery					
20	Outer body Construction material	Powder Coated Aluminium and Polycarbonate					M
21	Length of cable (in Metre)	2	4	6	8	m	MF
22	Unibody Manufacturer embossed Logo on Plastic Lighthouse Cover without any stickers and labels	Yes					M
23	Protective Grill for each Lighthouse	Yes		No			MF
24	Scene Lighting Button (White Led)	Yes	No				
<b>PERFORMANCE</b>							
1	Light Bar Lumens						TBD
2	Illumination for each LED used	≥ 100 lumen per watt				lm	TBD
3	Operating Voltage	10 to 30 VDC					M
4	Reverse Polarity protection	Yes		No			MF
5	Over voltage protection range	yes					MF
6	LM80 certified LEDs	Yes		No			MF
7	Control Box Ingress Protection	IP65		IP67			MF
8	Light Ingress Protection	IP65		IP67			MF
9	Inter Lighthouse Synchronization	Yes					M
11	Computer Configurable settings	Yes		No			MF
12	Light revolving speed proportional to vehicle speed	Yes		No			MF
13	Integration with Vehicle ECU	Yes		No			MF
<b>CERTIFICATIONS</b>							
1	Availability of Type Test Report to prove conformity of declared parameters to SAE J 845 with SAE J575 (test method) from any ILAC/NABL accredited/Central Govt Lab	YES					M

2	Test Report Number and Date			M
3	Name of Lab and Address			M
4	Any other certification like :CE /UL/FM	Yes	TBD	M