

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

Lighting & fixtures & accessories UNSPC Code : 3911

Emergency lighting UNSPC Code : 31117

Beacon Light (Strobe or warning lights)UNSPC Code : 391111706

S.No.	Parameters	Value 1	Value 2	Value 3	Value 4	Unit	Validation
GENERIC							
1	Rotation of Beacon Light	360 degree with High Intensity Roof Top Round Rotating Beacon for Emergency Security Patrol Utility					
2	LED Light Wattage	3	6	9	12	W	G
		15	18	36			
3	Lamp Lumens						TBD
4	Illumination Source	SMD Led Chip	Through Hole LED				M
5	Nos of LED modules in Lamp	1	2	3	4		
6	Nos of LEDs in one module						TBD
7	illumination for each LED used	≥ 100 lumen per watt				lm	TBD
8	Shape	Circular	Rectangular				MF
9	Color of LED Light	Red, White and Blue	Purple	Amber	Blue		MF
10	Operation Modes	On, Off		On, Off, Cruise			MF
11	Brightness Levels	3		4			MF
12	Number of Flash patterns	4	8	16		Nos	MF
13	Flash Pattern Change with Memory Recall	Yes		No			MF
14	Brightness Control	Yes		No			MF
15	Strobe Pattern	Yes		No			MF
CONSTRUCTION							
1	Diameter (in mm)	95		165		mm	F
2	Height (in mm)	115		135		mm	M
3	Weight (in kg)	<1	<2	<3	<4	kg	MF
4	Lens material	Polycarbonate	PMMA	Silicone			MF
5	Lens Type	Flare	Collimating	Fresnel			MF
6	Lighthouse Outer Cover	Fresnel		Non-Fresnel			MF
7	Mounting Type	Permanent Mount	Magnet Mount	Pole Mount			MF
8	Mounting Location	On vehicle roof, above Driver's Cabin		On vehicle roof, vehicle rear side			MF
9	Outer body Construction material	Powder Coated Aluminium and Polycarbonate					M
10	Length of cable (in Metre)	3		4		Meter	MF
11	12 V Cigarette Lighter Plug	Yes					MF

12	Unibody Manufacturer embossed Logo on Plastic Lighthouse Cover without any stickers and labels	Yes			M
13	Protective Grill	with	without		MF
PERFORMANCE					
1	Operating Voltage	10 to 30 VDC			M
2	Reverse Polarity protection	Yes	No		MF
3	Over voltage protection range	yes			MF
4	Lumen output per led			lm	TBD M
5	LM80 certified LEDs	Yes			MF
6	Life Span of LED	50000 hrs			M
7	Control Box	Yes	No		MF
8	Control Box & Switch Ingress Protection	IP65	IP67		MF
9	Beacon Light Ingress Protection	IP65	IP67		MF
10	Computer Configurable settings	Yes	No		MF
CERTIFICATIONS					
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