

Minimum Projected Lens Area Requirements
FMVSS 108 S5.3.1.1 - Requires SAE Visibility

Vehicle	Function	# Cavities or Lamps	HV - in ² (cm ²)		45° L/R - in ² (cm ²)	Section	
Auto <80"	S	1	7.8 (50)		-	S5.1.1.26(a)	
			5.8 (37.5)		2 (12.5)	SAE J586 FEB84	
		2 or more	7.8 (3.4 ea) 50 (22 ea)		-	S5.1.1.26(b)	
			5.8 (3.4ea) 37.5 (22 ea)		2 (12.5)	SAE J586 FEB84	
	T	1	-		2 (12.5)	SAE J585e	
	I	1	Front	Rear	-		S5.1.1.26(a)
			-	7.8 (50)			
		2 or more	3.4 (22)	5.8 (37.5)	2 Outboard (12.5 Outboard)	SAE J588 NOV84	
			-	7.8 (3.4 ea) 50 (22 ea)	-	S5.1.1.26(b)	
	U3	1	4.5 (29)		"Visible"	S5.1.1.27(a)(1)	
		2 Identical @ centerline	2.25 each (14.5 each)		"Visible"	S5.1.1.27(b)(1)	
	Truck >80"	I	1 or more	11.6/cavity (75/cavity)		2 Outboard (12.5 Outboard)	SAE J1395 APR85
S		1 or more	11.6/cavity (75/cavity)		2 (12.5)	SAE J1398 MAY85	
T		1	-		2 (12.5)	SAE J585e	
Motor-Driven Cycle Max ≤30 mph	I	Not Required			-	S5.1.1.21	
	S	1	3.5 (22.6)		-	S5.1.1.22	
	T	1	-		2 (12.5)	SAE J585e	
Motorcycle or Motor-Driven Cycle Max >30 mph	I	1	3.5 (22.6)		-	S5.1.1.25	
	S	1	7.8 (50)		-	S5.1.1.26(a)	
			5.8 (37.5)		2 (12.5)	SAE J586 FEB84	
		2 or more	3.4 ea / sum 7.8 (22 ea / sum 50)		-	S5.1.1.26(b)	
	3.4 ea / sum 5.8 (22 ea / sum 37.5)		2 (12.5)	SAE J586 FEB84			
T	1	-		2 (12.5)	SAE J585e		