

SAE-J760

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SURFACE VEHICLE RECOMMENDED PRACTICE

SAE J760

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APR97

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Submitted for recognition as an American National Standard

(R) DIMENSIONAL SPECIFICATIONS FOR GENERAL SERVICE SEALED LIGHTING UNITS

1. **Scope**—This SAE Recommended Practice provides dimensional specifications for general service sealed lighting units, intended for use in such applications as motorcycle headlamps, military headlamps, industrial machinery headlamps, fog lamps, spot lamps, etc. See Figures 1 and 2 and Tables 1 and 2.
2. **References**—There are no referenced publications specified herein.

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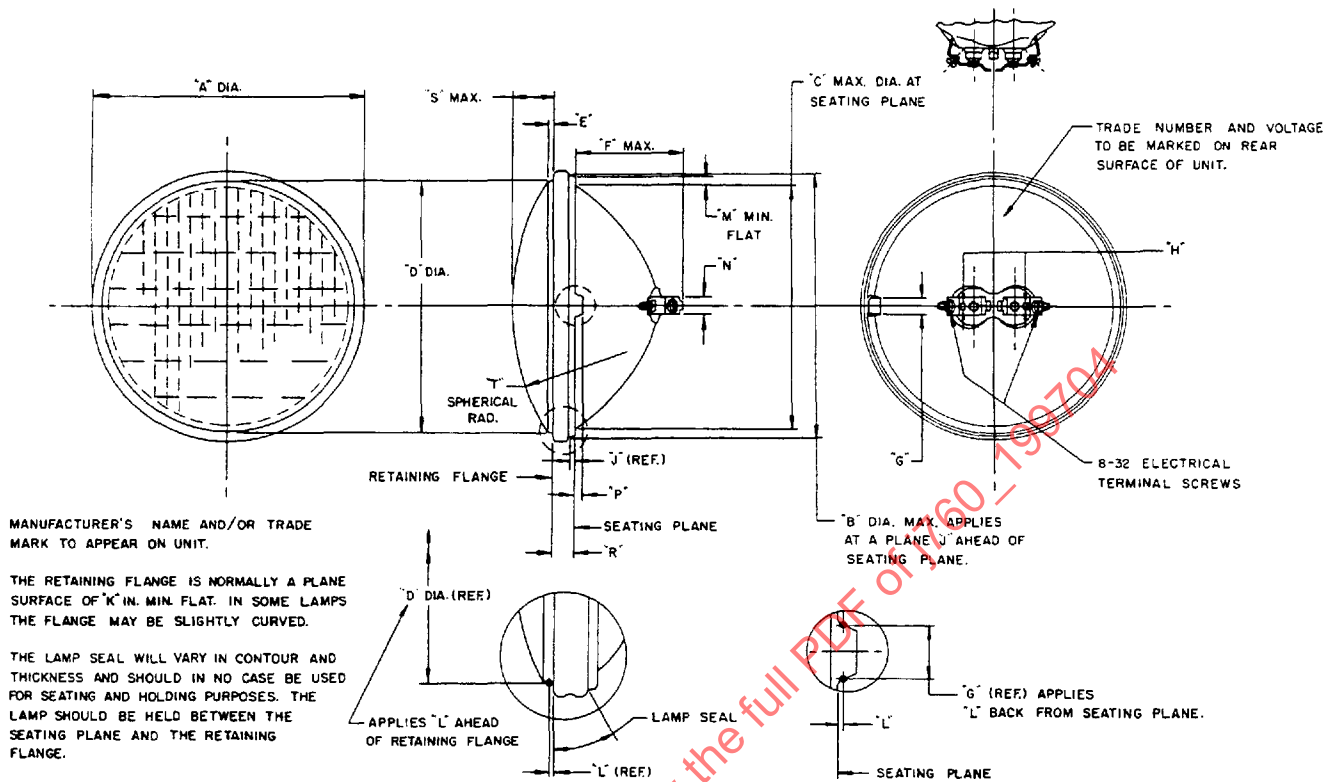


FIGURE 1—DIMENSIONS OF 146 mm (5-3/4 in) DIAMETER SEALED LIGHTING UNIT

TABLE 1—DIMENSIONS OF 146 mm (5-3/4 in) DIAMETER SEALED LIGHTING UNIT

Letter	mm	in	Letter	mm	in
A	144.8 +0.0/-2.5	5.70 +0.00/-0.10	N	9.52	375
B	139.06	5.475	P	3.43 +0.76/-0.00	0.135 +0.030/-0.000
C	129.54	5.100	R	13.5 ± 1.0	0.53 ± 0.04
D	133.7 +0.00/-0.76	5.265 +0.00/0.030	S	23.36	0.92
E	2.00 +1.50/-0.00	0.078 +0.062/-0.000	T	127.0	5.00
F	63.5	2.50			
G	11.17 +0.00/-0.63	0.440 +0.000/-0.025			
H	3.17	0.125			
I	2.79	0.110			
J	1.57	0.062			
K	0.76	0.030			
L	3.18	0.125			

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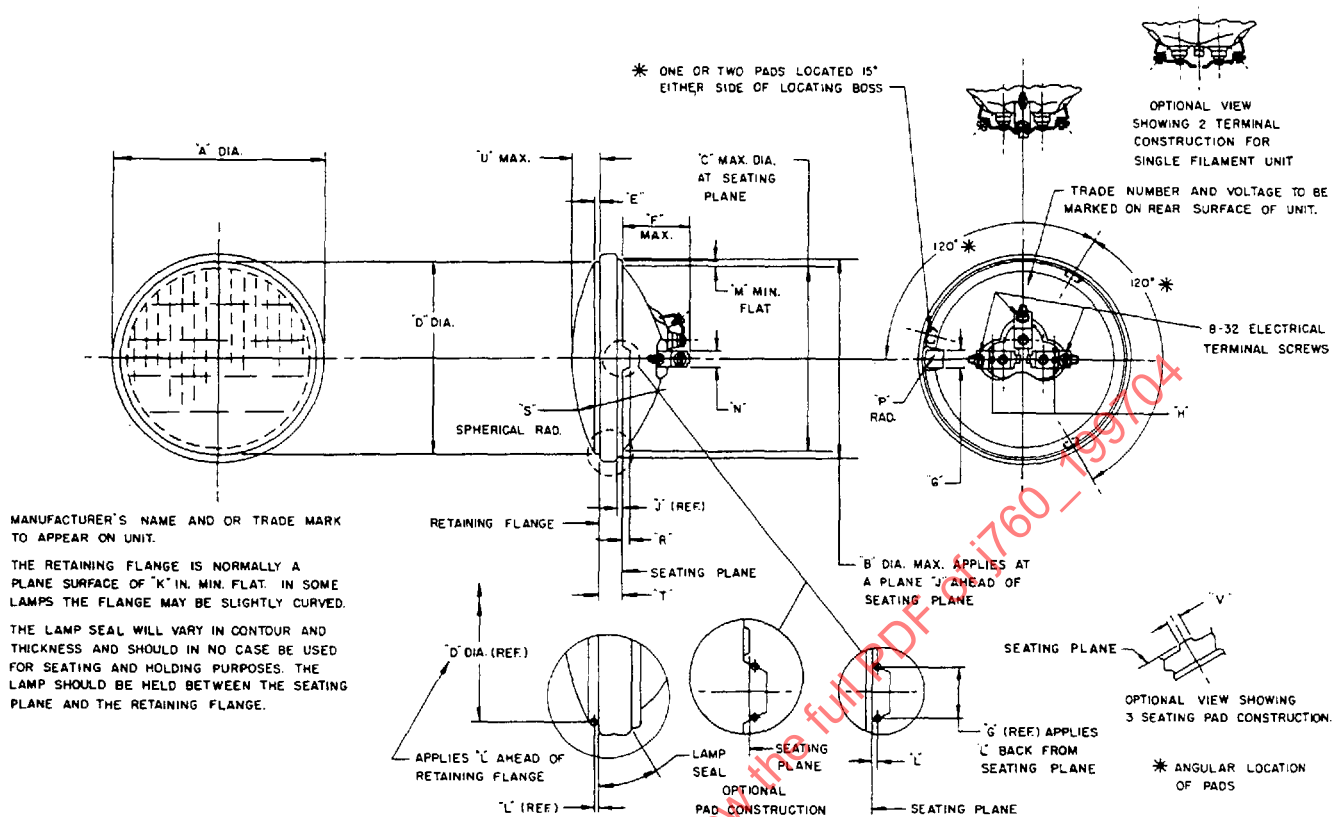


FIGURE 2—DIMENSIONS OF 114 mm (4-1/2 in) DIAMETER SEALED LIGHTING UNIT

TABLE 2—DIMENSIONS OF 114 mm (4-1/2 in) DIAMETER SEALED LIGHTING UNIT

Letter	mm	in	Letter	mm	in
A	113.28 +0.00/-2.50	4.460 +0.000/-0.100	M	3.18	0.125
B	107.06	4.215	N	9.52	0.375
C	97.79	3.850	P	1.5	0.06
D	102.87 +0.00/-0.76	4.050 +0.000/0.030	R	3.43 +0.76/-0.00	0.135 +0.030/-0.000
E	1.98 +1.60/-0.00	0.078 +0.062/-0.000	S	114.3	4.50
F	41.27	1.625	T	13.33 ± 1.00	0.525 ± 0.040
G	11.17 +0.00/-0.63	0.440 +0.000/-0.025	U	14.98	0.59
H	3.17	0.125	V	7.9 ± 3.0	0.31 ± 0.12
J	2.79	0.110			
K	1.57	0.062			
L	0.76	0.030			