

Requirements for Sealed Lighting Unit for Construction and Industrial Machines

RATIONALE

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1. **Scope**—This SAE Standard applies to 145 mm nominal headlamp and floodlamp units.
- 1.1 **Purpose**—To define the dimensional requirements for sealed lighting units and assure their interchangeability.
2. **References**—There are no referenced publications specified herein.
3. **Requirements**—See Table 1 and Figure 1.

TABLE 1—DIMENSIONS FOR SEALED LIGHTING UNIT

Letter	mm		Letter	mm	
A	144.78	+0 -2.54	N	3.04	+0.25 -0
B	138.17	+0 -1.01	P	7.72	+0.40 -0
C	130.04		Q	0.88	
D	133.73	+0 -0.76	R	3.68	+0.76 -0
E	1.52		S	126.52	
F	66.04		T	13.46	±1.01
G	11.17	+0 -0.63	U	23.36	
H	17.01	+0.88 -0	V	1.98	+1.57 -0
J	0.88		W	6.35	
K	0.76	+0.05	X	8.76	+1.52 -0
L	0.76				
M	13.58	+0 -1.77			