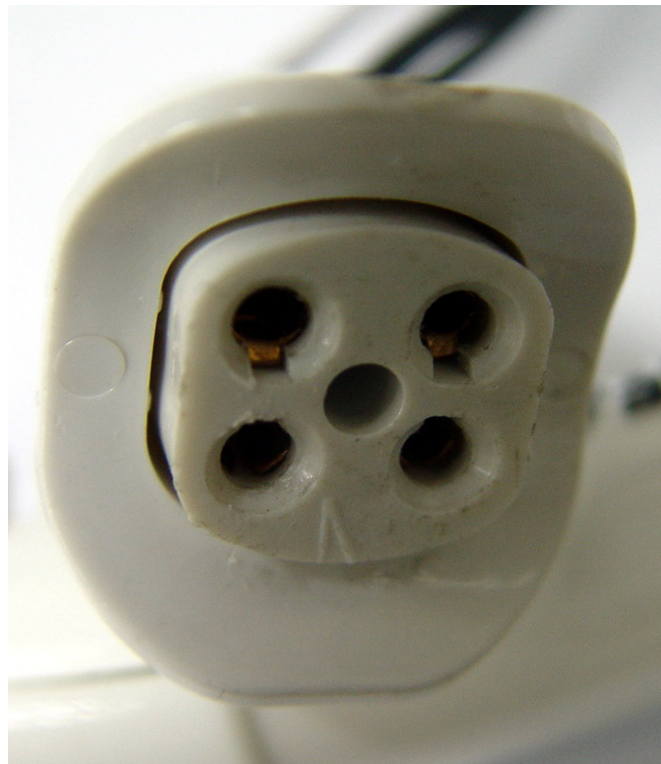


OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s):	Tracking No.	Year
EN 60598-1:2015/A1:2018 EN 60400:2017	8.2.1 8.2 Standard Sheet 7005-56-2	DSH 0898A	2019
Category:			
LITE			
Subject:	Key words:	Developed by	Approved at
G10q – connector’s construction	- G10q lampholder - Connector’s construction - Protection against electric shock	OSM/LUM-ETF5	2019 ETICS Plenary Meeting
Question			
<p>In Standard Sheet 7005-56-2, the dimension “L” is solely for holder design and is not to be gauged. If the G10q connector is provided according to the Figures 2, “without L(1) and without L(2)”, do you think that this construction is in conformity with EN 60400 and EN 60598-1?</p>			
Decision			
<p>Yes, for the following reasons: In Standard Sheet 7005-56-2, the dimension “L” is indicated with the minimum value only, the maximum value could be infinite; it is not specified how long the lampholder part should be delimited by “L” dimension, it could be 0 mm; clause 8.2 of EN 60400 – “The insertion of only one pin of the lamp (.....) or starter to the first point of contact shall be prevented. This requirement is not applicable to G10q holders”. This construction without additional protection around the connector is acceptable.</p> <p>The reason for accepting the first point of contact is based on the fact that this fit was developed before the development of EN 60061 and EN 60400, consequently, this fit does not follow the normal rules for accessibility to live parts. This should be regarded as a “historic” fit having a good record of safety in service over many years.</p>			
Explanatory notes			
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OSM/LUM DSH 0898A 2019 – Figures 1 - with L(1) – L(2)



OSM/LUM DSH 0898A 2019 – Figures 2 – without L(1)/L(2)



OSM/LUM DSH 0898A 2019 – Figures 3

DOUILLE
G10q

Dimensions in millimetres - Dimensions en millimètres

Dimension	Standard dimensions Dimensions normalisées		Nearest equivalents in inches Equivalents arrondis en pouces	
	Min.	Max.	Min.	Max.
E (1)(2)	2,92 (3)	--	0,115 (3)	--
F	7,67	--	0,302	--
G (2)	1,30	--	0,055	--
H (2)	3,55	--	0,139	--
K*	4,50	--	0,177	--
L*	15,50	--	0,610	--
M*	--	2,59	--	0,102
N	--	23,75	--	0,935
R1	--	11,61	--	0,457
R2 (4)	3,81	--	0,150	--
R3 (2)	--	0,38	--	0,015
S	--	16,31	--	0,642
T	--	15,70	--	0,618
U (2)(5)	6,35		0,250	
V (2)(5)	7,92		0,312	

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* This dimensions is solely for holder design and is not to be gauged.
* Cette dimension s'applique seulement à la douille et ne doit pas être vérifiée.

