

LIA LABORATORY DECISION SHEET

Standard(s) (incl. year)	Subclause(s)	Enquiry No.	Year
EN 60598-1 (all editions); Building regulation Part B	Annex ZC	EF-1 LIA_07_2020	2020
		Decision No.	
		DS-1 LIA_07_2020	
Subject	Keywords		
Thermoplastic diffusers	TP(a)/TP(b)		
Question			
How should multilayer diffusers such as those found in LED panels be tested?			
Decision			
In the event of multilayer diffusers in luminaires all layers should be prepared and tested as a sandwich. TP(a)/TP(b) classification shall be given to the multilayer rather than a single later.			
Explanatory Notes			
EN 60598-1 refers to Approved Document B of the United Kingdom Building Regulations which in turn refers to BS 2782-0 Method 508A. Approved Document B refers to diffusers but does not specify which layer to test for luminaires with multilayer diffusers. Method 508A in BS 2782-0 only considers a single material layer and does not account for multilayer situations.			
Date	Name	Signature	
09/04/2020	Anton Borovy		