

Product Information Sheet

Supplier's name or trade mark: Arlec Electrical Company Limited

**Supplier's address : - Unit 18, Cromwell Business Park, Howard way, Newport Pagnell,
MK16 9QS United Kingdom**

Model identifier: E166M

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	N/A		
Mains or non-mains:	NMLS	Connected light source (CLS):	NO
Colour-tuneable light source:	NO	Envelope:	-
High luminance light source:	NO		
Anti-glare shield:	NO	Dimmable:	NO

Product parameters

Parameter	Value	Parameter	Value
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General product parameters:

Energy consumption in on-mode (kWh/1000 h)	4	Energy efficiency class	G
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	300 In wide cone(120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	3000
On-mode power (P_{on}), expressed in W	4.0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0.00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	N/A	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without	Height	1	Spectral power distribution in the See image in last page
	Width	1	
	Depth	1	

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)		range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0.441 0.407
Parameters for directional light sources:			
Peak luminous intensity (cd)	150	Beam angle in degrees, or the range of beam angles that can be set	100
Parameters for LED and OLED light sources:			
R9 colour rendering index value	7	Survival factor	1.00
the lumen maintenance factor	0.96		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	N/A	Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	N/A	If yes then replacement claim (W)	
Flicker metric (Pst LM)	N/A	Stroboscopic effect metric (SVM)	N/A

