

PRODUCT INFORMATION SHEET – SP-10WMFL



Supplier's name or trademark: sparkLED			
Supplier's address: Innsworth Technology Park, Gloucester, GL3 1DL, UNITED KINGDOM			
Model identifier: SP-10WMFL			
Type of light source: Build in LED			
Lighting technology used:	LED	Non directional or directional:	<input checked="" type="checkbox"/> NDLS <input type="checkbox"/> DLS
Light source cap-type (or other electric interface)			
Mains or non-mains:	<input checked="" type="checkbox"/> MLS <input type="checkbox"/> NMLS	Connected lightsource (CLS):	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
Colour-tuneable light source:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Envelope:	
High luminance light source:	<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		
Anti-glare shield:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Dimmable:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
Product parameters			
Parameter	Value	Parameter	Value
General product parameters			
Energy consumption in on-mode (kWh/1,000 h) rounded up to the nearest integer	0.01	Energy efficiency class	F
Useful luminous flu (use), indicating if it refers to the flu in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	wide cone	Correlated colour temperature, Rounded to the nearest 100K, or the range of correlated colour temperatures, rounded to the nearest 100k that can be set.	4000K
On-mode power (P _{on}), expressed in W	10W	Standby power (P _{sb}), expressed in W and rounded to the second decimal point	<0.5W
Networked standby power (P _{net}) for CLS, expressed in W and rounded to the second decimal point	<0.5W	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	>80
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimeter)	Height	145	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	140	
	Depth	205	
Claim of equivalent power	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> YES	If yes, equivalent power (W)	40W
		Chromaticity coordinates (x and y)	x = 0.3190 y = 0.3482
Parameters for directional light sources:			
Peak luminous intensity (cd)	260	Beam angle in degrees, or the range of beam angles that can be set	120°
Parameters for LED and OLED light sources:			
R9 colour rendering index value	>0	Survival factor	>96%@3600h
The lumen maintenance factor	>92%@9000h		
Parameters for LED and OLED mains light sources:			
Displacement factor (cos cp1)	DF >0.9	Colour consistency in McAdam ellipses	SDCM<6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> YES	If yes, then replacement claim (W)	20W
Flicker metric (Pst LM)	<1	Stroboscopic effect metric (SVM)	<0.4

