

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: UC451GB

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	-		
Mains or non-mains:	MLS	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)	9	Energy efficiency class	F
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°)	920 in a sphere (360°)	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	6500
On-mode power (P_{on}), expressed in W	8,5	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,028
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	84
Outer dimensions without	Height	36	Spectral power distribution in the
	Width	23	
	Depth	570	
			See image in last page

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)	0,3104 0,3355
Parameters for directional light sources:				
Peak luminous intensity (cd)	-		Beam angle in degrees, or the range of beam angles that can be set	-
Parameters for LED and OLED light sources:				
R9 colour rendering index value	13		Survival factor	-
the lumen maintenance factor	-			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,879		Colour consistency in McAdam ellipses	1,7
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-		If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,021		Stroboscopic effect metric (SVM)	0,004

(Example for Spectral diagram)

