

# 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: UC455GB

## 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
<b>General product parameters:</b>			
Energy consumption in on-mode (kWh/1000 h)	12	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1260 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	3000K
On-mode power ( $P_{on}$ ), expressed in W	12	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,0284
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	80
Outer dimensions without	Height	Spectral power distribution in the	See image in last page
	Width		
	Depth		

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 <sup>(a)</sup>	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,4370 0,4002
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	-		Beam angle in degrees, or the range of beam angles that can be set	-
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	13		Survival factor	-
the lumen maintenance factor	-			
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,904		Colour consistency in McAdam ellipses	1,6
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)	0,008

(Example for Spectral diagram)

