

# 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: DET300GB

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
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:	Yes

## Product parameters

Parameter	Value	Parameter	Value
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h)	6	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°)	470 in a 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/ 4000/ 5700/
On-mode power ( $P_{on}$ ), expressed in W	6	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	-
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	54	Spectral power distribution in the
	Width	90	
	Depth	90	
			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 <sup>(a)</sup>	-		If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,438 0,402
<b>Parameters for directional light sources:</b>				
Peak luminous intensity (cd)	229		Beam angle in degrees, or the range of beam angles that can be set	104
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	10		Survival factor	
the lumen maintenance factor				
<b>Parameters for LED and OLED mains light sources:</b>				
displacement factor (cos $\phi_1$ )	0,886		Colour consistency in McAdam ellipses	1,1
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)	0,019		Stroboscopic effect metric (SVM)	0,005

(Example for Spectral diagram)



