

Suppliers name

Hagen Deutschland GmbH & Co.KG
Lehmweg 99-105 D-25488 Holm

Product

Itemnumber	Item description		
Light source type			
Lighting technology used			
Non-directional or directional		NDLS	DLS
Mains or non-mains		NMLS	MLS
Connected light source (CLS)		Yes	N No
Color-tuneable light source		Yes	No
Envelope		no	second non-clear
High luminance light source		Yes	No
Anti-glare shield		Yes	No
Dimmable		Yes, only with specific dimmers	No

Product parameters

Energy consumption in on mode (kwh/1000h)				(kwh/1000h)
Energy efficiency class				will be calculated automaticly!
Useful luminous flux				lm
Correlated color temperature				K
On-mode power (P_{on})				W
Standby power (P_{sb})				W
Network standby power (P_{net})				W
Color rendering index				Ra
Outer dimensions	Height	Width	Depth	mm
Spectral power distribution in the range 250nm to 800nm at full-load				<i>(Graph)</i>
Claim of equivalent power	Yes -> Value	W	No	
Chromaticity coordinates (x and y)	X=	Y=		

Parameters for directional light sources	
Peak luminous	cd
Beam angle in degrees or the range of beam angles that can be set	
Parameters for LED and OLED light sources	
R9-color rendering index value	
Survivalfactor	h
Lumen maintenance factor	h
Parameters for LED and OLED mains light sources	
Displacement factor (cosφ 1)	
Color consistency in McAdam-Ellipses	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	<p>Yes = replacement claim W</p> <p>No</p>
Flicker metric (Pst LM)	
Stroboscopic effect metric (SVM)	