

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 automatically!		
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	Yes = replacement claim W No
Flicker metric (Pst LM)	
Stroboscopic effect metric (SVM)	