

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	(Graph)			
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 ($\cos\phi$ 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)