

Basic information 基本信息

Product Name/Code:	YD25L-NW005-40AW-6N		Manufacturer:	Huizhou Foryou Optoelectronics Technology Co., LTD
Model Identifier:	/		Power Supply Type:	AC Driver
Light Source (Y/N):	N		Control Gear (Y/N):	N
Lighting technology used	LED		Light Source Description	Other light source in scope
If 'Y' to Light Source	DLS-MLS (Y/N)	Y	DLS-NMLS (Y/N)	N
	NDLS-MLS (Y/N)	N	NDLS-NMLS (Y/N)	N
Mains or non-mains	DLS, MLS		Connected light source (CLS)	NO
Colour-tuneable light source	NO		Envelope	NO
High luminance light source	NO			
Anti-glare shield	NO		Dimmable	NO

General Product parameters 一般产品参数

Energy consumption in on-mode (kWh/1 000 h)	5kWh/1000h		Energy efficiency class	G
to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	348		Correlated Colour Temperature	4000K
On-mode power (Pon) expressed in (w)	5.200		Standby power (Psb)	N
Networked standby power (Pnet) for CLS	No		Colour rendering index or range that can be set	84
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	ø87	SPECTRAL POWER DISTRIBUTION IN THE RANGE 250nm TO 800nm, AT FULL LOAD	
	Width	/		
	Depth	35		
Claim of equivalent power (W)	N		Chromaticity coordinates (x and y)	0.380/0.380

Parameters for Directional Light Source (DLS) 定向光源 (DLS) 的参数

Peak luminous intensity (cd)	163	Beam angle in degrees, or the range that can be set	107
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Parameters for LED and OLED Light sources LED 和 OLED 光源参数

R9 colour rendering index value	15	Survival factor 存活率	0.9
Lumen maintenance factor = 100 x exp (3000 x ln0,7 / L70)	93%	Rated Life(hours)	15000

Parameters for LED and OLED Mains Light sources LED 和 OLED 电源参数

displacement factor (cos φ1)	0.64	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage (W)	/		
Flicker metric (Pst LM)	< 1.0	Stroboscopic effect metric (SVM)	0.10

Ecodesign Requirements 生态设计要求

Power in On mode (Pon)	Useful Luminous Flux	Light Source Type 2	Factor (light source type) C	Factor (NDLS, DLS) F	Factor (CRI)	Light Source Description 2
5.2	347.5	DLS, MLS	1.23	0.85	1.03	Other light source in scope
Factor (Threshold Efficacy) h	Factor (End Loss) L	Max. Power in On mode	Banned or not	F _{TM}	η _{TM} (lm/W)	New Energy Efficiency Class
120	1.5	6.19	NOT BANNED	1.18	78.59	G