

# ZuG Dark P 112 | 24W

## Product Reference

Environment Indoor  
 Installation Ceiling Suspended

## Construction & Materials

Housing Aluminium Extrusion  
 Primary Lens PMMA  
 Primary Reflector -  
 Secondary Reflector PC Black Cover  
 Body Finish White,Black  
 Diffuser -  
 Antiglare Baffle Black,White,Custom

## Thermal Management

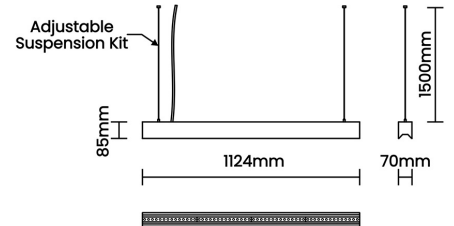
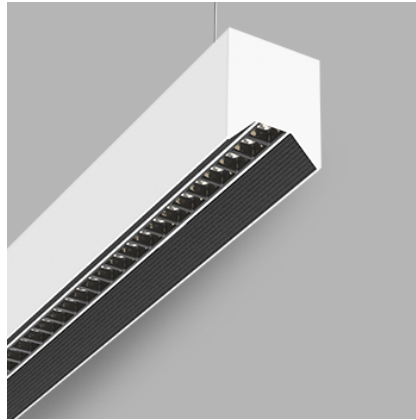
Heat Sink Material Aluminium  
 Cooling Technique Passive Cooling

## Optical System

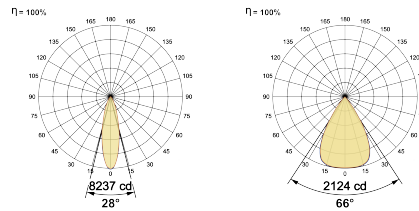
Beam Direction Fixed  
 Tilt No  
 Swivel No

## Electrical System

Driven with Constant Current Driver  
 Input Voltage/Hz 220V- 240V/50-60Hz  
 Control Gear Included  
 Mounting Integral  
 LED Power Watts 20.5W  
 System Power Watts 23.6W  
 Operating Voltage Vin 220-240 Vac  
 Power Factor p.f. > 0.95



## Light Distribution



## LED Technology

Binning 3 Step MacAdam  
 LED Life Time @ L80/B10 >50000 hours  
 Colour Rendering (CRI) CRI80,CRI90  
 Led Type SMD high power  
 LED Fitted Osram/Cree 3030 LED array 39V-42Vdc/500mA

## Controls

Standard Switchable On/Off  
 Optional PDIM,DDIM,BTTM,CASAMBI,Non Dimmable

## Ordering Details

Code Example:	Name	Watt	CCT	CRI	Angle	Finish	Control
	ZuG Dark P 112	24W	WW27K	CRI80	28°(MD)	SWH	On/Off

Select one from each column with highlighted values to create the ordering code

NAME	WATT	LUMEN	EFFICACY	CCT	CRI	ANGLE	FINISH	CONTROL
ZuG Dark P 112	24W	2620	111	2700K	WW27K	CRI80	White	Non Dimmable
		2690	114	3000K	WW30K	CRI90	Black	Phase Dimmable
		2832	120	4000K	NW40K			Dali Dimmable
		2879	122	5700K	CW57K			Bluetooth Dimmable
								Casambi
ZuG Dark P 112	24W			WW27K	CRI80	28°(MD)	SWH	On/Off

