

# ZuG Dark P 224 | 100W

## 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

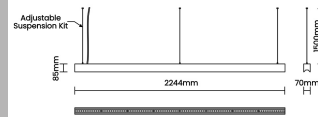
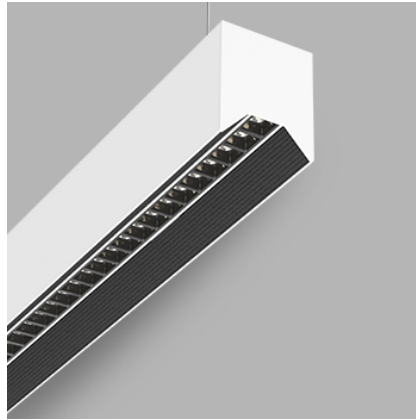
Driven with Constant Current Driver  
Input Voltage/Hz 220V- 240V/50-60Hz  
Control Gear Included  
Mounting Integral  
LED Power Watts 86.0W  
System Power Watts 98.8W  
Operating Voltage Vin 220-240 Vac  
Power Factor p.f. > 0.95

## Ordering Details

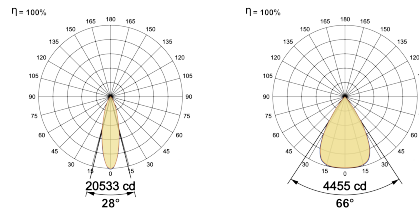
| Code Example: | Name           | Watt | CCT   | CRI   | Angle   | Finish | Control |
|---------------|----------------|------|-------|-------|---------|--------|---------|
|               | ZuG Dark P 224 | 100W | WW27K | CRI80 | 28°(MD) | SWH    | On/Off  |

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 224 | 100W | 9682  | 98       | 2700K | WW27K | CRI80   | 28°(MD) 28°(MD) | Non Dimmable On/Off                    |
|                |      | 9979  | 101      | 3000K | WW30K | CRI90   | 66°(VWD)        | Phase Dimmable PDIM                    |
|                |      | 10473 | 106      | 4000K | NW40K |         |                 | Dali Dimmable DDIM                     |
|                |      | 10670 | 108      | 5700K | CW57K |         |                 | Bluetooth Dimmable BTM<br>Casambi CBTM |
| ZuG Dark P 224 | 100W |       |          | WW27K | CRI80 | 28°(MD) | SWH             | On/Off                                 |



## Light Distribution



## LED Technology

Binning 3 Step MacAdam  
LED Life Time @ L70/B10 >50000 hours  
Colour Rendering (CRI) CRI80,CRI90  
Led Type SMD high power  
LED Fitted Cree 3030 LED array 39V-42Vdc/2100mA

## Controls

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