

# Utofia - UFS

Industrial Lighting / High Bay



DAVIS LIGHTING

## Features

Robust Aluminium Alloy body in black powder coat finish  
Plug-in sensor and base upgrade available  
Built in 1-10V, PWM, Resistance 3-in-1 dimming driver  
Unique heatsink design  
High ambient temperature rating  
Long lifetime: 50,000hrs @ L70B50  
IP65 and IK07 rated  
Instant start up (no flickering or humming)  
Surface or pendant mounting (eye bolt supplied)



## Applications

Factories, warehouses  
Loading docks  
Industrial plants  
Sports, exhibition halls  
Service bays



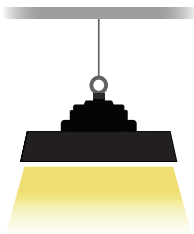
## Options

Motion sensor with daylight detection  
DALI dimming  
High efficacy 170lm/W  
White powder coat finish

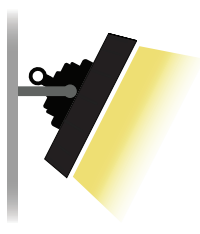
## Standards

Manufactured under ISO 9001:2015 to standards  
IEC/AS/NZS 60598.1  
IEC/AS/NZS 60598.2.1  
IEC/AS/NZS CISPR 15

## Mounting Methods



Pendant



Wall mounted





### Product Code Key

Model	Power	Colour Temp.	Dimming	- Accessories *	Sensor base
UFS	80W = 80W 100W = 100W 120W = 120W 150W = 150W 200W = 200W 240W = 240W	3K = 3000K 4K = 4000K 5K = 5000K 6K = 5700K	D05 = 0/1-10V + PWM + Resistor (standard) D10 = DALI (optional)	K41 = Aluminium reflector K42 = PC refractor K43 = PC refractor + cover K51 = Wire Guard B90 = 90° lens B60 = 60° lens  omit code if not applicable *Accessories may be sold separately	S00 = Non sensor base ready      omit code for standard sensor base ready

e.g. UFS200W4KD05 = UFS series 200W 4000K with 0/1-10V + PWM + Resistor dimming, sensor base ready  
 UFS200H4KD05 = UFS series 200W High Efficacy 4000K with 0/1-10V + PWM + Resistor dimming, sensor base ready  
 \*Replace **W** with **H** for High Efficacy model

### Specifications

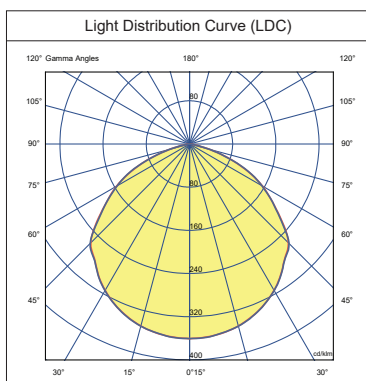
Model	UFS80WxKD05	UFS100WxKD05	UFS120WxKD05	UFS150WxKD05	UFS200WxKD05	UFS240WxKD05
Nominal Power (W)	80	100	120	150	200	240
Input Voltage	100 - 277 VAC 50 / 60 Hz					
Luminaire Flux (lm) *	12,705	15,870	18,840	23,530	31,810	37,585
Luminaire Efficacy (lm/W) *	159	159	157	157	159	157
CRI	≥ 80					
Power Factor	> 0.90					
Beam Angle (°)	110 (Default) 60/90 (Optional)					
Colour Temp. (K)	3000 / 4000 / 5000 / 5700					
Luminaire Rated Life (hrs)	50,000hrs @ L70B50					
Operating Temp. (°C)	-40 to 50					
Operating Humidity	10% to 90% RH					
Inrush current, Ipeak (A)	100	100	130	130	130	130
Inrush width, Twidth (µs)	520	520	150	150	150	150
No of luminaire per 16A MCB Type B	15	12	10	8	6	5
Weight (kg)	2.7	2.7	2.7	2.7	3.9	3.9

"x" denotes CCT, 3 = 3000K ; 4 = 4000K ; 5 = 5000K ; 6 = 5700K

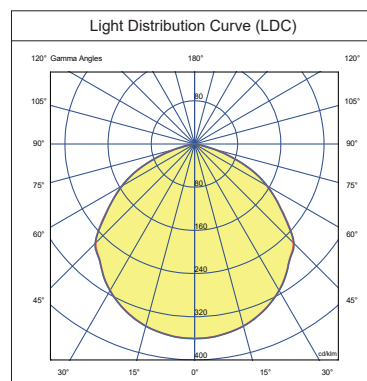
\* Data based on 5000K CCT

### Lighting Data

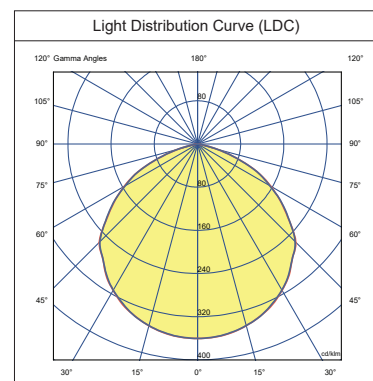
UFS120W5KD05 (110°)



UFS150W5KD05 (110°)



UFS240W5KD05 (110°)



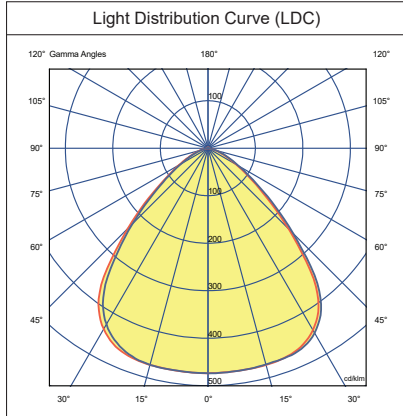
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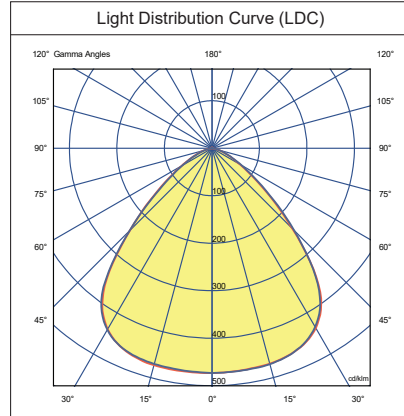


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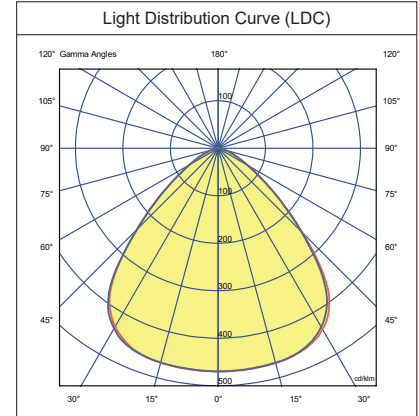
UFS100W4KD05-B90 (90°)



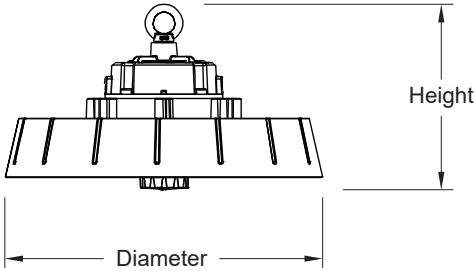
UFS200W4KD05-B90 (90°)



UFS240W4KD05-B90 (90°)

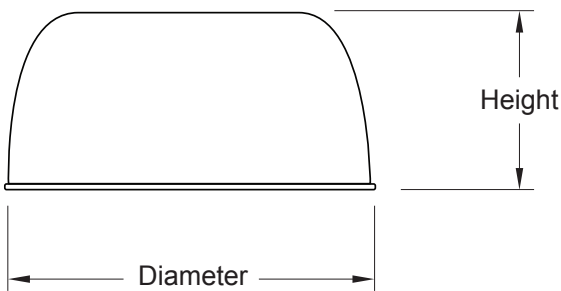


## Dimensions



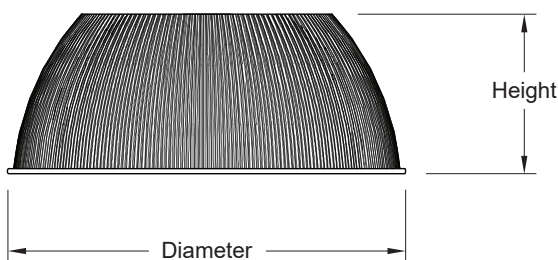
Model	Diameter (mm)	Height (mm)
UFS80WxKD05	Ø290	194
UFS100WxKD05	Ø290	194
UFS120WxKD05	Ø290	194
UFS150WxKD05	Ø290	194
UFS200WxKD05	Ø350	214
UFS240WxKD05	Ø350	214

### Aluminium reflector



Model	Diameter (mm)	Height (mm)
UFSRFL290	Ø471	152
UFSRFL350	Ø526	152

### PC refractor



Model	Diameter (mm)	Height (mm)
UFSRFA290	Ø410	170
UFSRFA350	Ø410	202

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## Accessories



### Aluminium reflector (K41)

Part number  
UFSRFL290 (80W - 150W)  
UFSRFL350 (200W - 240W)



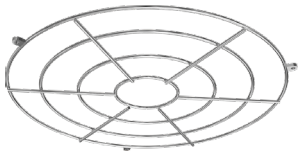
### PC refractor (K42)

Part number  
UFSRFA290 (80W - 150W)  
UFSRFA350 (200W - 240W)



### PC refractor + conical cover with ring (K43)

Part number  
UFSRFACC (80W - 240W)



### Wire Guard (K51)

Part number  
UFSWG290 (80W - 150W)  
UFSWG350 (200W - 240W)



### 90° lens (B90)

Part number  
UFSL9D290 (80W - 150W)  
UFSL9D350 (200W - 240W)



### 60° lens (B60)

Part number  
UFSL6D290 (80W - 150W)  
UFSL6D350 (200W - 240W)



### Trunnion arm

Part number  
UFSTR290 (80W - 150W)  
UFSTR350 (200W - 240W)



### Motion Sensor

Part number  
UFSMS



### Safety cable

Part number  
UFSSC



### Remote Control

Part number  
UFSRC



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UFS 221202