

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

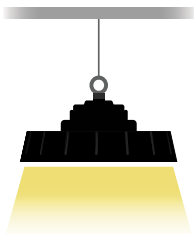
Motion sensor with daylight detection
DALI dimming
High efficacy 170lm/W
White powder coat finish



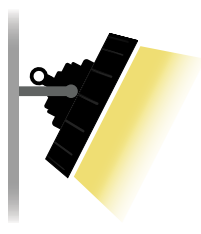
Standards

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 = 6000K	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	S00 = Non sensor base ready
				omit code if not applicable *Accessories may be sold separately	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

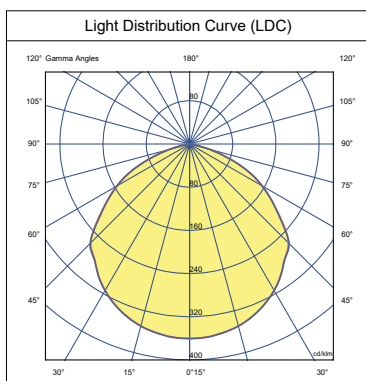
Model	UFS80WxKD05	UFS100WxKD05	UFS120WxKD05	UFS150WxKD05	UFS200WxKD05	UFS240WxKD05
Nominal Power (W)	80	100	120	150	200	240
Input Voltage	100 - 277 VAC 50 / 60 Hz					
Luminaire Flux (lm) *	12,705	15,870	18,840	23,530	31,810	37,585
Luminaire Efficacy (lm/W) *	159	159	157	157	159	157
CRI	≥ 80					
Power Factor	> 0.90					
Beam Angle (°)	110 (Default) 60/90 (Optional)					
Colour Temp. (K)	3000 / 4000 / 5000 / 6000					
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 = 6000K

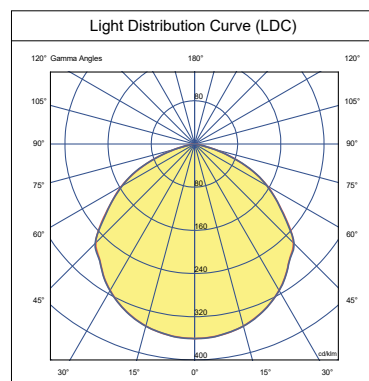
* Data based on 5000K CCT

Lighting Data

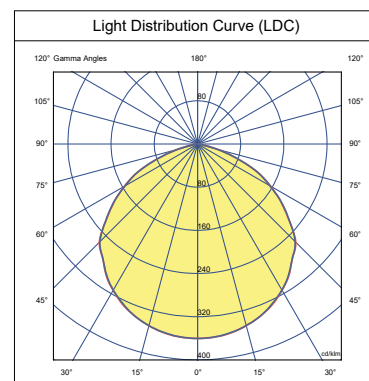
UFS120W5KD05 (110°)



UFS150W5KD05 (110°)



UFS240W5KD05 (110°)



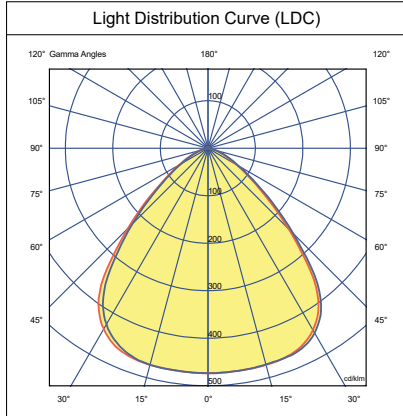
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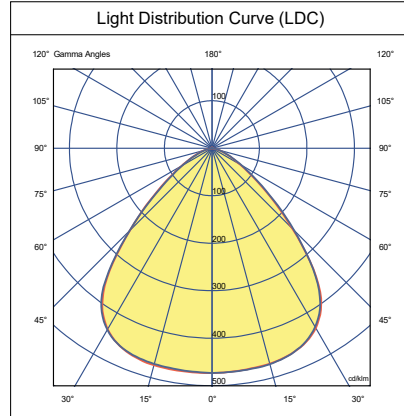


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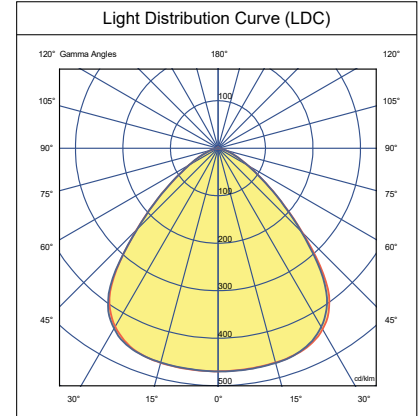
UFS100W4KD05-B90 (90°)



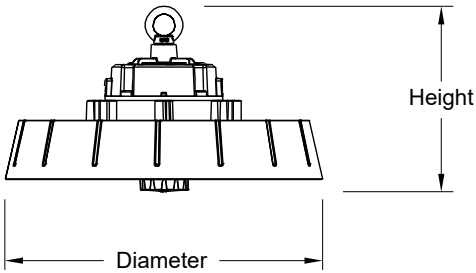
UFS200W4KD05-B90 (90°)



UFS240W4KD05-B90 (90°)

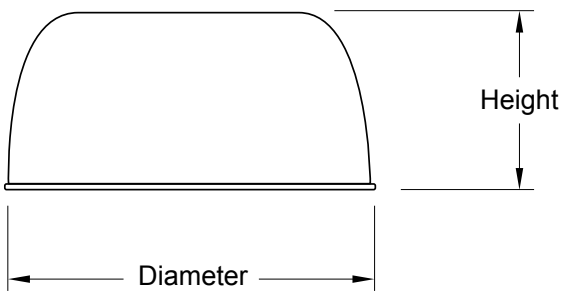


Dimensions



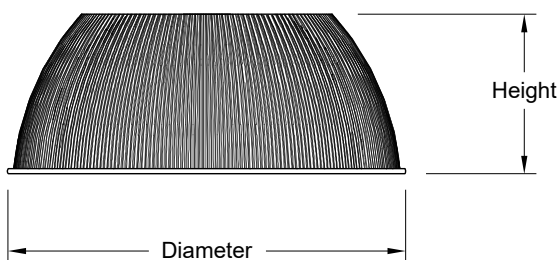
Model	Diameter (mm)	Height (mm)
UFS80WxKD05	Ø290	194
UFS100WxKD05	Ø290	194
UFS120WxKD05	Ø290	194
UFS150WxKD05	Ø290	194
UFS200WxKD05	Ø350	214
UFS240WxKD05	Ø350	214

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)

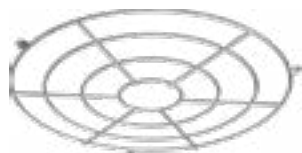


Stainless steel ring

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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All photometric and electrical data published are of $\pm 10\%$ tolerance. Characteristics and specifications may change without notice. All electrical installations / connections should be carried out by a suitably qualified person. Application images are indicative only and may not contain actual Davis product. The information contained in this publication is typical and must not be interpreted as a guarantee of individual product performance.

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