

Utofia - UFS

Industrial Lighting / High Bay



DAVIS LIGHTING

Features

Robust Aluminium Alloy body in black powder coat finish
Sensor ready - easy sensor plug-in base included as standard

Built in 0-10V, 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

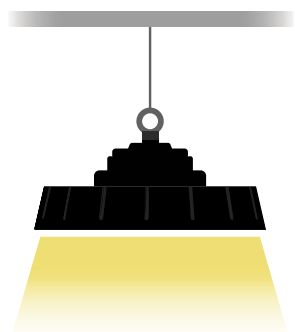
Manufactured under ISO 9001:2015 to standards

IEC/AS/NZS 60598.1

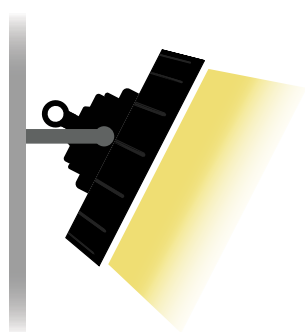
IEC/AS/NZS 60598.2.1

IEC/AS/NZS CISPR 15

Mounting Methods



Pendant



Wall mounted





Product Code Key

Model	Power	Colour Temp.	Dimming	-	Sensor base
UFS	80W = 80W 100W = 100W 120W = 120W 150W = 150W 200W = 200W 240W = 240W	3K = 3000K 4K = 4000K 5K = 5000K 6K = 6000K	D05 = 0-10V + PWM + Resistor (standard) D10 = DALI (optional)		S00 = Non sensor base ready (optional)

e.g. UFS200W4KD05 = UFS series 200W 4000K with 0-10V + PWM + Resistor dimming, sensor base ready

Specifications

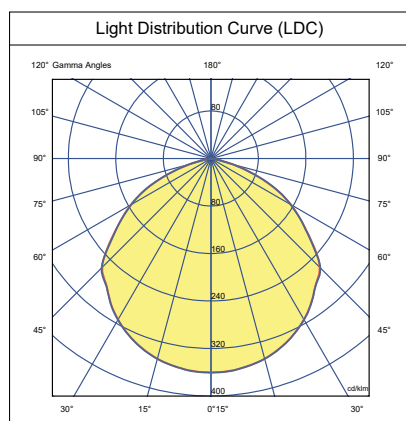
Model	UFS80WxKD05	UFS100WxKD05	UFS120WxKD05	UFS150WxKD05	UFS200WxKD05	UFS240WxKD05
Nominal Power (W)	80	100	120	150	200	240
Input Voltage	100 - 277 VAC 50 / 60 Hz					
Luminous Flux (lm) *	12,705	15,870	18,840	23,530	31,810	37,585
Efficacy (lm/W) *	159	159	157	157	159	157
CRI	≥ 80					
Power Factor	>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

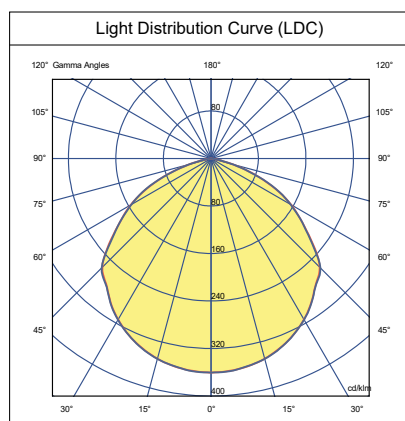
* Data based on 5000K CCT

Lighting Data

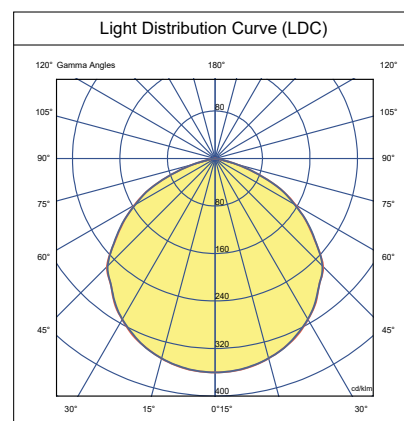
UFS120W5KD05



UFS150W5KD05



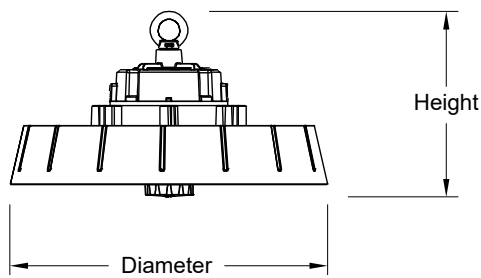
UFS240W5KD05



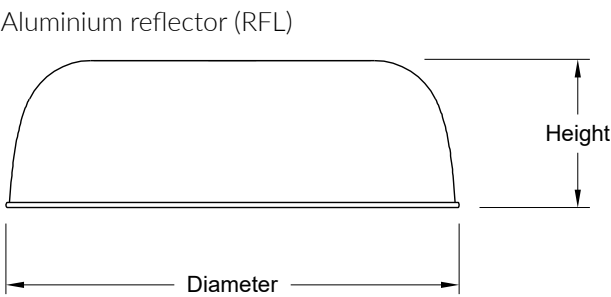
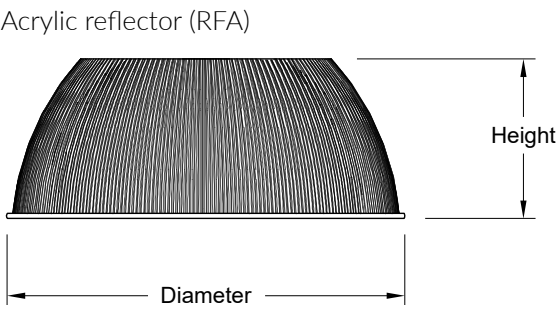
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Dimensions



Model	Diameter (mm)	Height (mm)
UFS80WxKD05	Ø290	192
UFS100WxKD05	Ø290	192
UFS120WxKD05	Ø290	192
UFS150WxKD05	Ø290	192
UFS200WxKD05	Ø350	210
UFS240WxKD05	Ø350	210



Model	Diameter (mm)	Height (mm)
UFSRFA290	Ø410	170
UFSRFA350	Ø410	202
UFSRFL290	Ø471	152
UFSRFL350	Ø526	152

Accessories



Acrylic reflector Part number UFSRFA290 (80W - 150W) UFSRFA350 (200W - 240W)	Reflector conical cover Part number UFSRFACC (80W - 240W)	Aluminium reflector Part number UFSRFL290 (80W - 150W) UFSRFL350 (200W - 240W)
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90° lens Part number UFSL9D290 (80W - 150W) UFSL9D350 (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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