

METOLIGHT® HighPower-Highbay Light Type HBL-UFO-BT with integrated motion sensor

Our LED high bay lights of the HBL-UFO-BT series in a robust die-cast aluminium housing are equipped with SMD-LED-CREE 2835 as well as an integrated, adjustable motion sensor and offer a beam angle between 60 and 120 ° depending on the lenses used (please specify when ordering). The efficiency of the LEDs is over 140 lm / W, but these are operated with a reduced forward current to increase durability. The HBL-UFO-BT are available in outputs from 100 watts to 240 watts, the front lenses are interchangeable and offer <19 at 60 ° or 90 ° UGR. In addition, optional transparent PMMA reflectors or aluminium reflectors can be attached.

METOLIGHT®
LED-HBL-UFO-BT
100 / 150 / 200 / 240 Watt
integrierter Bewegungssensor
140 lm/W - IP65
UGR 19

**140
lm/W**



ASMETEC
www.asmetec-shop.de



Using a stable eyelet, this lamp can be suspended from ropes or chains and adapted to local conditions. A steel mounting bracket can also be used as an option.



With the 150 watt version of this high bay light, you can easily replace a conventional HQI floodlight of approx. 400 watts - 60% energy savings with a significantly longer burning time - flicker-free light without UV or IR components. Insects not attracted to light
Robust industrial quality reduces maintenance costs



60° / 90° lens
UGR<19

Areas of application:

Replacement for high bay luminaires with mercury vapor metal halide lamps

- Warehouses
- Logistics halls
- Industry
- Indoor
- High ceiling (e.g. in shopping malls, airports, commercial buildings, lobbies)



120° lens

or

Light colours:

Available light colours are:

- Nature white – 3800 - 4200 K – CRI Ra >80 – 140 lm/W
- Pure white – 4800 – 5200 K – CRI Ra >80 – 140 lm/W



Options:

- Dimmable 1-10 V or DALI
- Without motion sensor
- Aluminium-Reflector 70°
- PMMA Transparent-Reflector 70°
- Steel Bracket
- Steel wire guard (ball proof)
- Exchangeable lenses 60 / 90 / 120°

Technical Data

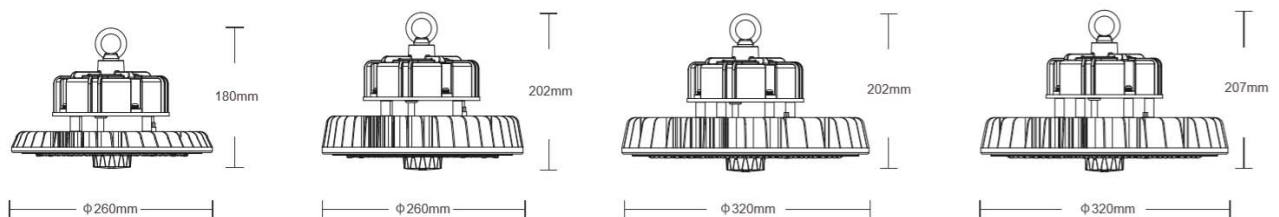
Common technical data for all models:

Input voltage	120-277 VAC - 50/60 Hz	LED-Chips	CREE 2835
Power factor	Pf > 0.95	CRI	Ra > 80
Efficiency (typical)	$\eta > 0,85$	LED efficacy	> 140 lm/W
Environment	-20 ~ +50°C, 20 ~ 90% rH	Light loss	> 85% / 5000h
Storage	-30 ~ +80°C, 20 ~ 90% rH	Life time L70B50	50.000h / 25 °C Basis
Standards	CE, UL, DLC, RoHS, TUV	Beam angle	60 / 90 /120°
Sizes	260/320 x 180/202 mm (d x h)	Weight	ca.4,5 / 5,0 kg
Photobiol. Class	RG1	Glow wire test	650°C
IP class	IP65	IK-class	IK10
Energy class	D	Sensor Haisen	5 Sek bis 30 Minuten
Warranty	3 years		

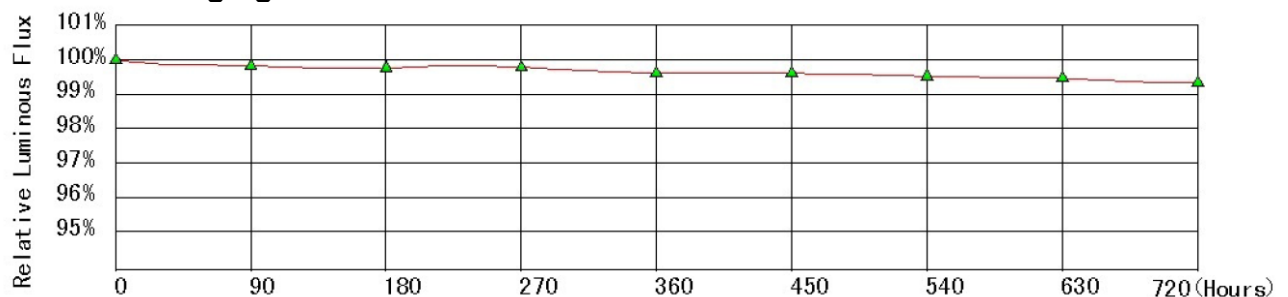
Individual technical data

	UFO-BT-100	UFO-BT-150	UFO-BT-200	UFO-BT-240
Power LED	100 W	150W	200W	240W
Power total	105 W	155 W	205W	245 W
Qty LEDs	200	232	312	384
Lumen (CW)	14000	22000	28000	35000
replaces HQL	320 W	400 W	600 W	800 W
Sizes	260 Ø x 180 mm	260 Ø x 202 mm	320 Ø x 202 mm	320 Ø x 202 mm
Weight	2,5 kg	2,8 kg	4,0 kg	4,5 kg
LED-Voltage	40-48 VDC	40-48 VDC	40-48VDC	40-48 VDC
Sossen-driver	SS-100CA-56BH	SS-150CA-56BH	SS-200CA-56BH	SS-240CA-56BH
LED-current	1,94 A	2,90 A	3,88 A	4,65

Abmessungen



Accelerated aging test:



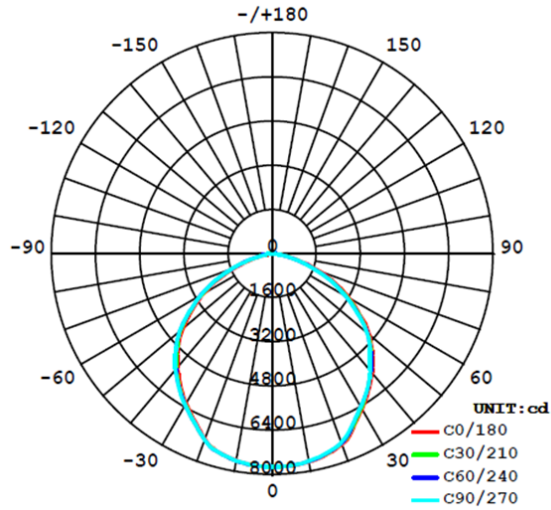
Based on the data obtained from an accelerated aging test over 720 hours with extreme temperature fluctuations, an average operating time of approx. 50,000 hours can be expected. The loss of light is less than 1% per 1000 hours

Adjustable Motion Sensor (via DIP switches)

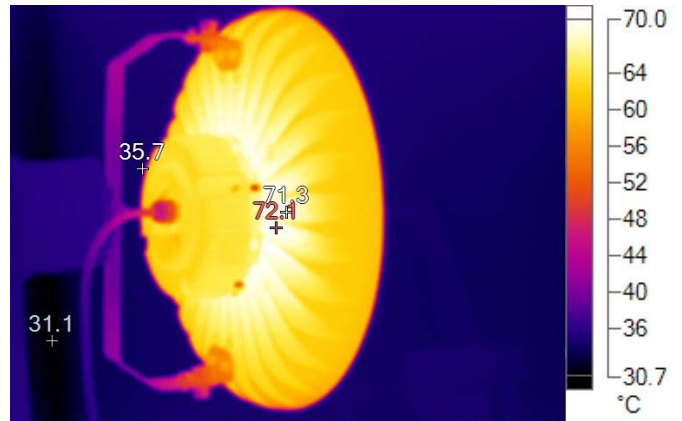
Detection area: 25 / 590 / 75 / 100%
 Hold time: 5s/30s/1min/3min/5min/10min/20min/30min
 Standby period: 0s/10s/30s/1min/5min/10min/30min/+∞
 Daylight threshold: 2Lux/10Lux/50Lux/80Lux/120Lux/disabled
 Standby-Dimming Level: 10%/20%/30%/50



Light distribution curve:



Heat image:



On request, we can deliver IES data for reading into light calculation programs such as Dialux or Relux

More images

(different versions)



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