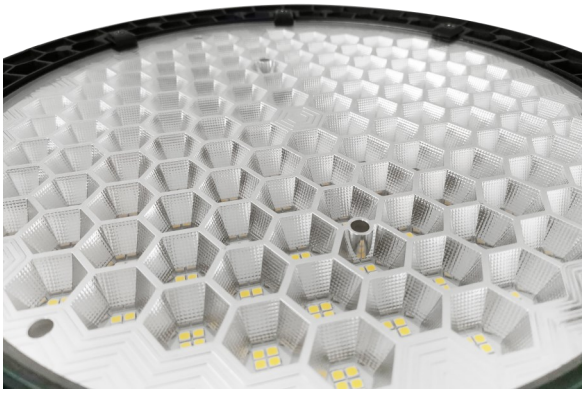
UFOH(UGR) High Bay Datasheet



Key Features

⇒ **Efficacy:** up to 140 lm/w

⇒ **LED Chip:** LUMILEDS

⇒ **SDCM:** <5

⇒ **UGR:** <22

⇒ **Beam Angle:** 60° (PC lens & glass cover)

⇒ **IP Rating:** IP65

⇒ **Controls (optional):** 1-10V Dimming/Microwave/Zigbee

⇒ **Installation:** Eye Bolt/Bracket

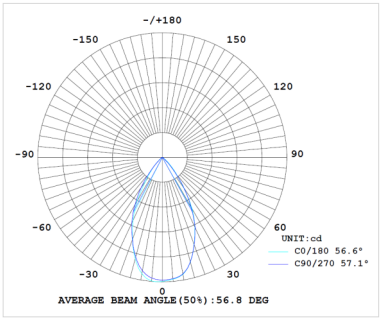
⇒ **Warranty:** 7 years

Application

Warehouses, libraries, workshops, shopping malls, supermarkets, shops, restaurants, sports centers, cinemas, hospitals, clothing stores, bars and other indoor lighting places.

Photometry and UGR Test

60° PC lens



UGR test

Uncorrected UGR Table

Report number:

MANUFACTURER:		Address:	
NAME:		TYPE:	WEIGHT:
SPECIFICATION:		DIMENSION:	SERIAL No.:

ceiling/cavity		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H	y = 2H	18.8	19.7	19.0	19.9	20.1	19.2	20.2	19.5	20.4	20.5
	3H	18.6	19.5	18.9	19.7	19.9	19.1	20.0	19.3	20.2	20.4
	4H	18.5	19.4	18.8	19.6	19.8	19.0	19.8	19.3	20.1	20.3
	6H	18.4	19.2	18.7	19.5	19.7	18.9	19.7	19.2	19.9	20.2
	8H	18.4	19.1	18.7	19.4	19.7	18.9	19.6	19.2	19.9	20.1
	12H	18.4	19.1	18.7	19.3	19.6	18.8	19.5	19.1	19.8	20.1
4H	2H	18.5	19.4	18.8	19.6	19.8	19.0	19.8	19.3	20.1	20.3
	3H	18.4	19.1	18.7	19.4	19.6	18.8	19.5	19.2	19.8	20.1
	4H	18.3	18.9	18.6	19.2	19.5	18.7	19.4	19.1	19.7	20.0
	6H	18.2	18.8	18.6	19.1	19.4	18.6	19.2	19.0	19.6	19.9
	8H	18.1	18.7	18.5	19.0	19.4	18.6	19.1	19.0	19.5	19.8
	12H	18.1	18.6	18.5	18.9	19.3	18.6	19.0	19.0	19.4	19.8
8H	4H	18.1	18.7	18.5	19.0	19.4	18.6	19.1	19.0	19.5	19.8
	6H	18.0	18.5	18.5	18.9	19.3	18.5	18.9	18.9	19.3	19.7
	8H	18.0	18.4	18.4	18.8	19.2	18.5	18.8	18.9	19.2	19.7
	12H	17.9	18.3	18.4	18.7	19.2	18.4	18.7	18.9	19.2	19.6

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Product Data

Model No.	KML-UFOH100	KML-UFOH150	KML-UFOH200
Power	100W	150W	200W
Lumen Output	14,000 lm	21,000 lm	28,000 lm
Luminous Efficacy	140 lm/w		
Input Voltage	100-277 VAC; 50Hz/60Hz		
CCT	3000K/4000K/5000K/5700K/6500K		
CRI	Ra≥70 (Ra≥80 optional)		
Housing Color	Black		
Housing Material	Aluminum, Glass, PC		
Operating temperature	-30°C to +50°C		
Operating humidity	10% to 90% RH		
Lifespan	100,000 hours.		
Warranty	7 years		

ErP Technical Specification

Item	Specification/Data
Efficiency In	>93%
Power Factor	PF>0.90
Energy Efficiency Class	D
Standard Deviation of Color Matching	<5
Starting Time	<0.2S
Warm-up Time to 60%	<0.5S
Lumen Maintenance at e.o.l.	>70%
Lifetime	L70/B10@100,000hours

Note: 1. The above parameters will have errors within the allowable range of relevant standards.
2. This specification book is for reference only. We retains the right to optimize and modify without pre -notification!

UFOH(UGR) High Bay Datasheet

Packaging

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m³)	40HC/HQ (68m³)
KML-UFOH100	1	4.0 kg	5.0 kg	7.2 kg	L440xW440xH185 ≈ 0.036 m³	777 CTNs	1888 CTNs
KML-UFOH150	1	4.1 kg	5.1 kg	7.2 kg	L440xW440xH185 ≈ 0.036 m³	777 CTNs	1888 CTNs
KML-UFOH200	1	4.2 kg	5.2 kg	7.2 kg	L440xW440xH185 ≈ 0.036 m³	777 CTNs	1888 CTNs

Remarks: The weight of the above products is for reference only, and the weight of different configuration products will be different.

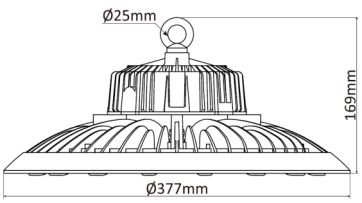
Accessories

	Eye Bolt *Model No.: M10* *Steel; Silver*
	Safety Rope *Model No.: UFO-SR* *Stainless Steel; Silver*

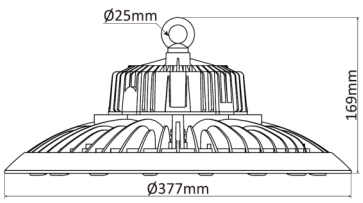
Mounting (optional)

	Bracket *Model No.: UFO-ZJ* *Steel; Black*

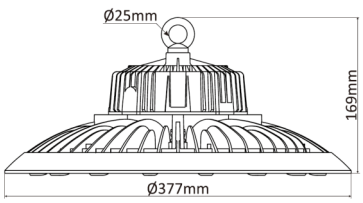
Dimension (unit: mm)



KML-UFOH100



KML-UFOH150



KML-UFOH200