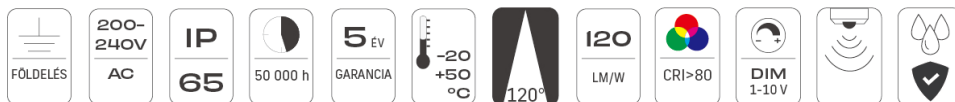
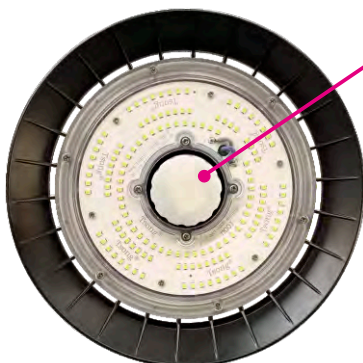


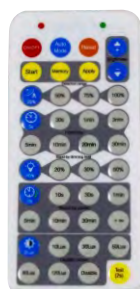
MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSÉRZÉKELŐVEL DIM I-IOV

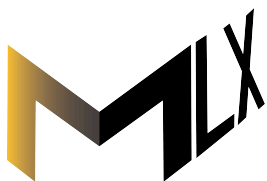


HL0019997
HL0019998
HL0019999
HL0020000

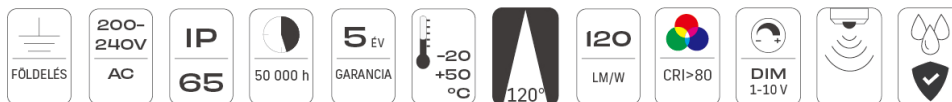


LED Driver





MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSÉRZÉKELŐVEL DIM I-IOV



Szenzor technikai adatai



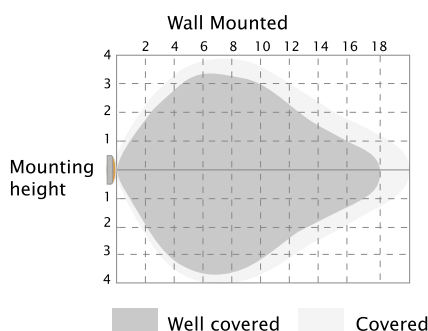
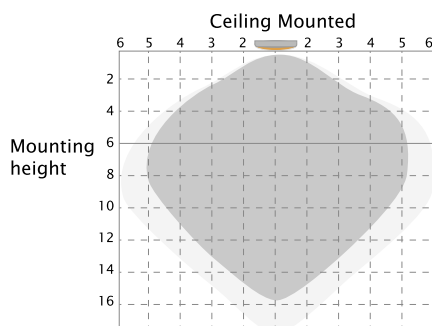
Operating voltage	10-15VDC
Operating current	30mA±5%
Output	DIM 0-10V
Stand-by power	≤0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	15m/49.2ft (ceiling mounted)
Detection range	Max,ø14m/45.92ft (ceiling mounted)
Operating temperature	-20°C~+60°C
Motion detection	0.5~1.5m/s
IP rating	IP65
Warranty	5 years

Factory Default Setting: Detection area 100%/ Hold time 5s/ Daylight threshold Disable/Stand-by period 0s/Stand-by dimming level 10%.

Detection coverage

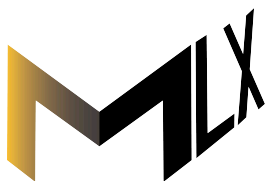
Typical installation height 15m

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

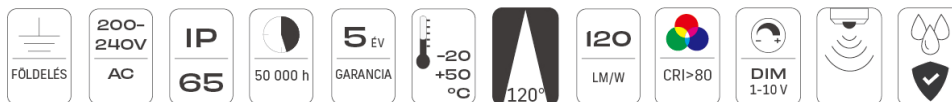


Well covered Covered





MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSÉRZÉKELŐVEL DIM I-IOV



Szenzor technikai adatai

Daylight Priority

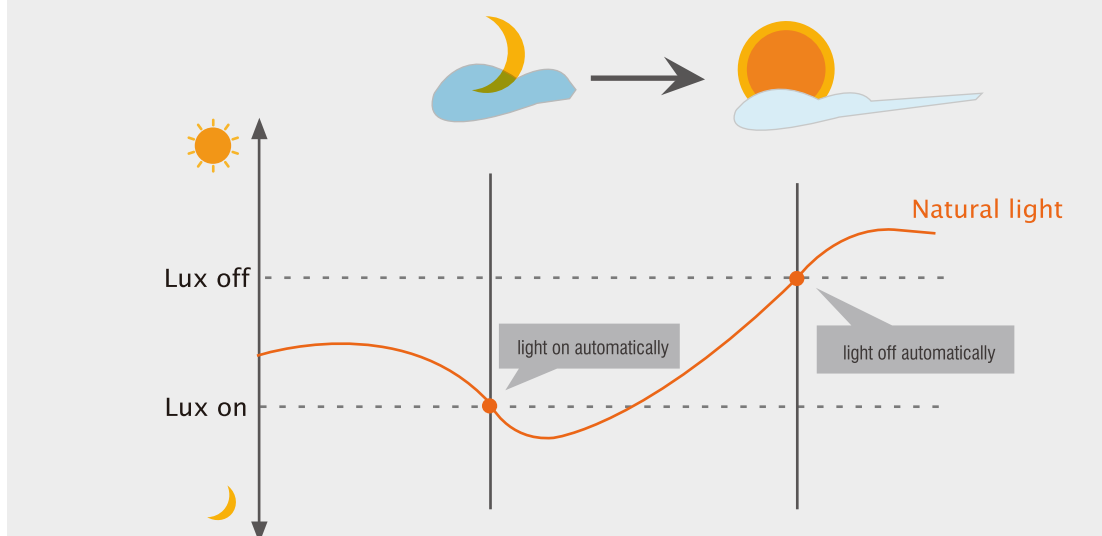
Dusk/Dawn sensor:

Dual-PD technology brings a fully automatic dusk/dawn sensor which can tell the difference between natural light and LED light, to ensure the light will be off when needed.

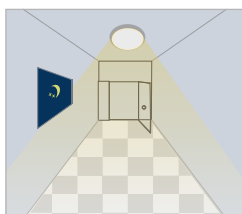
With Daylight priority function, HD06VCRH 3 is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Precondition of Daylight priority:

1. Standby period is $+\infty$;
2. Standby dimming level is on 10%, 20% or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.



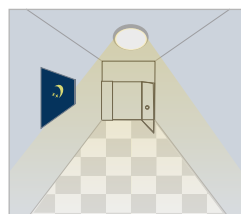
Application____Daylight priority



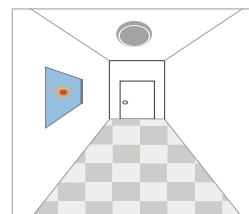
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.

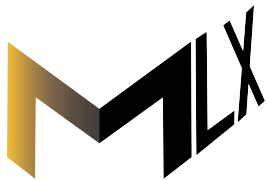


Light dims to standby level if no motion detected after holdtime.



Light off when ambient lux level is higher than preset lux amount.



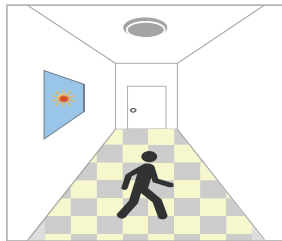


MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSÉRZÉKELŐVEL DIM I-IOV

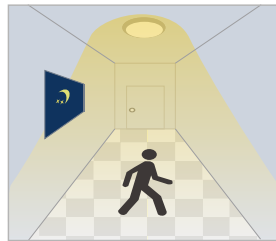


1. Automatically ON/OFF function:

Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase.



With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



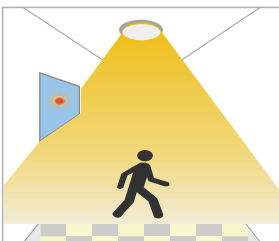
After the last detection and the present hold time elapsed, light OFF.

2. No daylight function

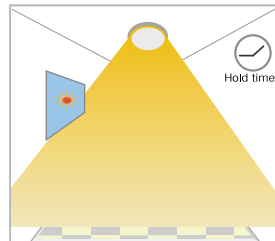
The daylight threshold is set to "Disable".

Light on when detect movement, After people leave, Light off after stand-by period.

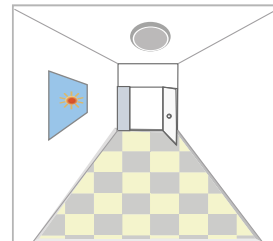
Applications: Dim places such as Basement Parking, Underpass.



When motion is detected, the sensor will switch on the light to 100% brightness.



After people leave the detection area, light remains 100% brightness within hold time.



After the last detection and the present hold time elapsed, light OFF.

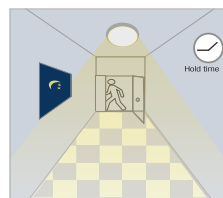
3. Function Demo - Dimmable control/Corridor function



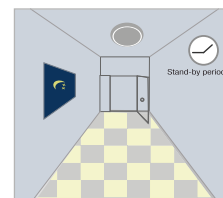
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



After last detection, the light will be dimmed down to the stand-by dimming level (10%, 20%, 30% or 50%) after holdtime.



After the stand-by period, light OFF.



5min



5min



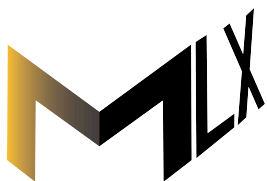
30%

Stand-by dimming level

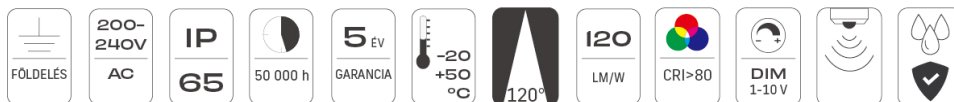
Default gyári beállítások

1. Suitable for indoor installation to avoid false triggering due to external factors such as rain, wind or tree swing.
2. Shall not be installed in the place with all four metal shelters and small space (such as galvanized-iron roof).
3. Shall not be installed next to large operating machines such as ventilator/ceiling fan to avoid false triggering caused by machine vibration.





MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSÉRZÉKELŐVEL DIM I-IOV



Távírányító fényerőszabályozóval
és memória funkcióval

Sensor



HD03R



ON/OFF

1. "ON/OFF" key only functions as a switch of the light.
2. If press this button to turn off the lamp before it's short-circuited, the lamp will remain off after power-on again.

Auto Mode

Press "Auto Mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.

Reset

1. Press "Reset" button, change brightness to max level.
2. Press "Reset" button, products with DIP switch will be controlled by DIP switches; otherwise all the setting will be just initial, that is 100% detection range, hold time 5S, no stand-by time and daylight threshold disabled.

Flick after press any button

Flick only after press "Apply" button

+/-

1. To adjust brightness 10-100% in on/off mode.
2. To adjust highest brightness 60-100% in sensor mode.

Start

Press "Start" to customize scene, users can change detection range, daylight threshold, holdtime, standby dimming level and standby period.

Memory

1. Press "Memory" to save all the settings.
2. The settings remained as the last time if not get reseted values.

Apply

1. Press "Apply" to deliver the saved setting.
2. Press "Apply" without "memory" will make all the setting one-time operation.
3. Settings should be done within 30S, otherwise it exits memory mode.



Detection area (Press to define detection area 100%/75%/50%/25%.)



Hold time (Press to define holdtime 5s/30s/1min/3min /5min/10min/20min/30min .)



Stand-by dimming level (Press to define stand-by dimming level 10%/20%/30%/50%.)



Stand-by period (Press to define stand-by period 0s/10s/30s/1min/5min/10min/30min/+∞.)

Note: "0s" means no standby period; "+∞" means unlimited standby period.



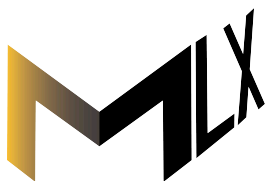
Daylight threshold (Press to define daylight level 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable.)

Note: Disable means light will be turned on once sensor detects movement, regardless of the ambient lux.

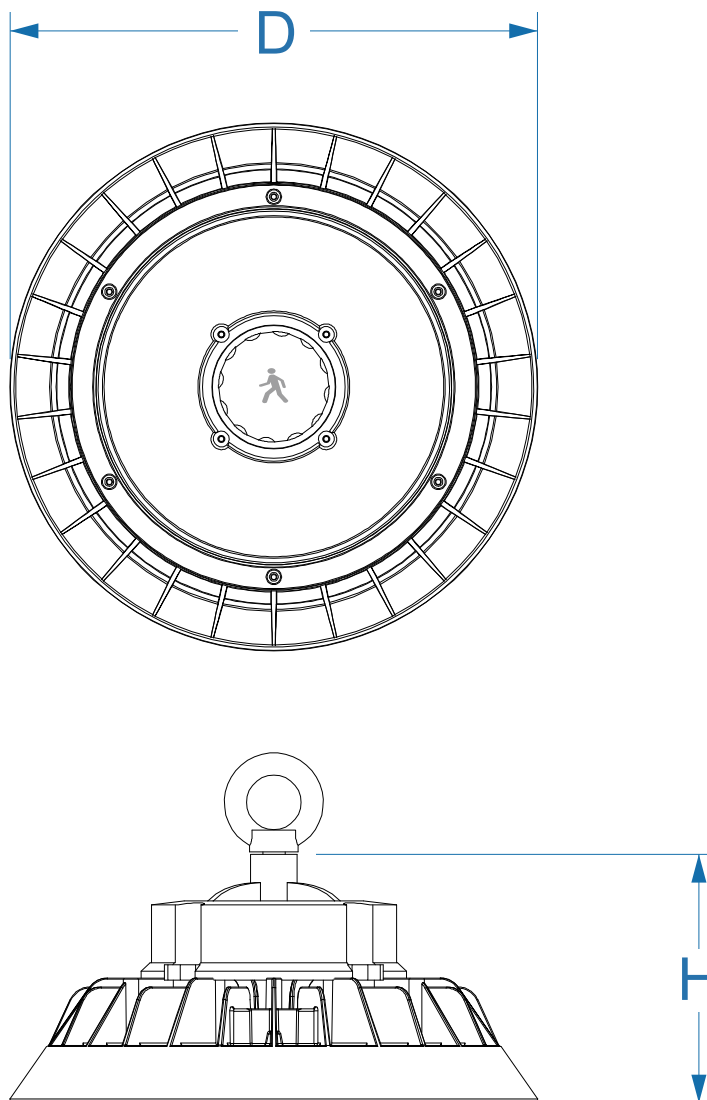
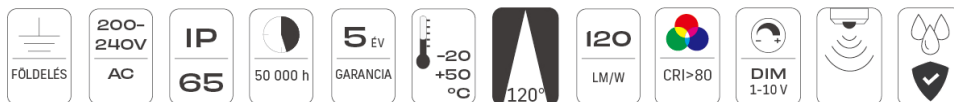
Test (2s)

The button "Test (2s)" is for testing purpose after commissioning. Pressing this button, the sensor goes to test mode (hold time is only 2s)



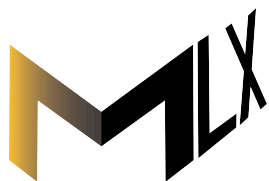


MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSÉRZÉKELEŐVEL DIM I-IOV

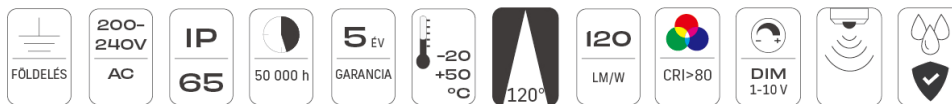


Model	Power	Product Size(D*H)
SHB100W-230V-UFO	100W	Φ238mm*H118mm
SHB150W-230V-UFO	150W	Φ283mm*H123mm
SHB200W-230V-UFO	200W	Φ324mm*H133mm
SHB240W-230V-UFO	240W	Φ363mm*H137mm





MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSERZÉKELEŐVEL DIM I-IOV



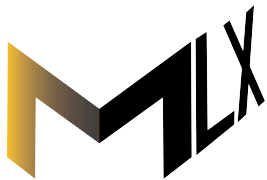
100W-230V

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	0.5A	DC210V	0.42A	100W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	140LM/W	150LM/W	150LM/W
			Luminous flux	14000LM±10%	15000LM±10%	15000LM±10%
			Beam Angle	120° or 90°		
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	Φ238*118mm	1.8Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L280*W280*H140mm	2.1Kg	
Outer carton package	4*1layer=4PCS/carton,K=K corrugated paper, L585*W295*H320mm,GW:9.23KG					
Optional dimming type	0-10V Dimming					

150W-230

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	0.75A	DC210V	0.64A	150W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	140LM/W	150LM/W	150LM/W
SMD2835	210PCS	≥80Ra	Luminous flux	21000LM±10%	22500LM±10%	22500LM±10%
			Beam Angle	120° or 90°		
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	Φ283*128mm	2.3Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L325*W325*H145mm	2.6Kg	
Outer carton package	3*1layer=3PCS/carton,K=K corrugated paper, L345*W345*H480mm,GW:8.78KG					
Optional dimming type	0-10V Dimming					





MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSÉRZÉKELŐVEL DIM I-IOV



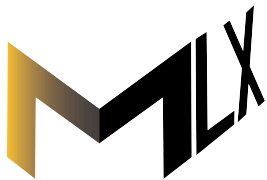
200W-230V

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	1.0A	DC210V	0.85A	200W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	140LM/W	150LM/W	150LM/W
			Luminous flux	28000LM±10%	30000LM±10%	30000LM±10%
			Beam Angle	120° or 90°		
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	Φ324*133mm	3.4Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L365*W365*H155mm	3.7Kg	
Outer carton package	3*1layer=3PCS/carton,K=K corrugated paper, L385*W385*H510mm,GW:12.05KG					
Optional dimming type	0-10V Dimming (need the sensor remote)					

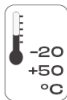
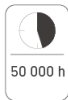
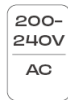
240W-230V

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	1.2A	DC216V	1.04A	240W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	140LM/W	150LM/W	150LM/W
			Luminous flux	33600LM±10%	36000LM±10%	36000LM±10%
SMD2835	360PCS	≥80Ra	Beam Angle	120° or 90°		
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	Φ363*137mm	4.0Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L400*W400*H160mm	4.3Kg	
Outer carton package	2*1layer=2PCS/carton,K=K corrugated paper, L420*W420*H360mm,GW:9.6KG					
Optional dimming type	0-10V Dimming (need the sensor remote)					

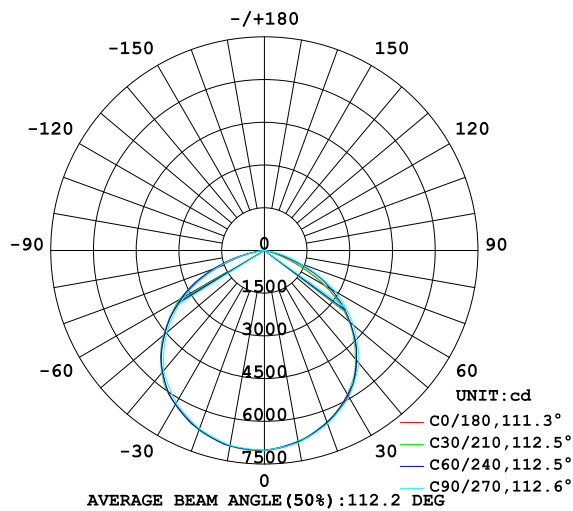




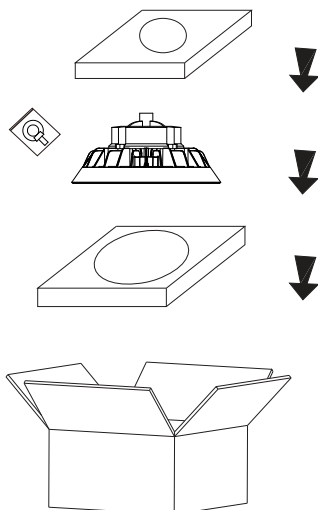
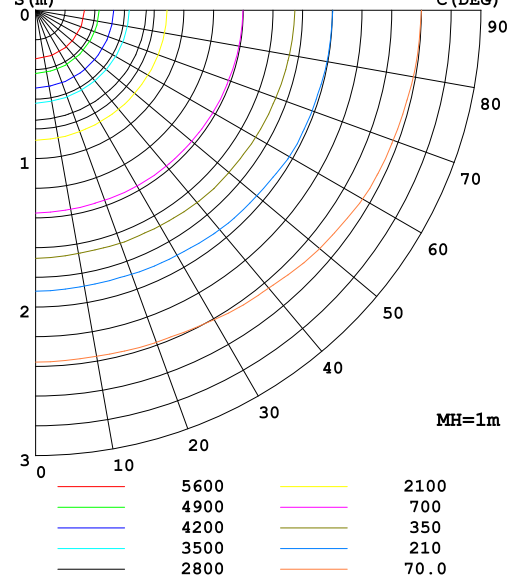
MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSERZÉKELEŐVEL DIM I-IOV



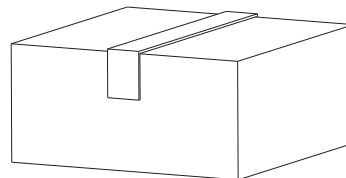
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



1



2





MLX HB MONA LED CSARNOKVILÁGÍTÓK MOZGÁSÉRZÉKELŐVEL DIM I-IOV

