



Specifications

Input Voltage:	100 ~ 240Vac
Input Frequency:	50/60Hz
Power Factor (PF):	0.95
Surge Protection Level:	10kV line-earth
Operating Environment:	-40°C ~ +50°C, 10% ~ 90% RH
Color Temperature (CCT):	3000K, 4000K, 5000K, 5700K
Color Rendering Index (CRI):	≥80
Housing:	Die-cast Aluminum
Main Material:	ADC12
IP Rating of LED Light Engine:	IP68
IP Rating of Electrical Compartment:	IP66
Warranty:	5 Years Limited

Applications

- Roadway lighting
(Urban roads, residential areas, overpasses...)
- Public areas lighting
(Theme parks, squares, parking lots...)

Features

Construction

- Die-cast aluminum housing.
- Latches provide easy, tool-less access to the electrical compartment.
- Unique patented IP68 (highest protection level) LED light engines.

Distribution

- Ergonomic and dedicated lighting distributions are available for various roadway applications.

Options

- Optional NEMA receptacle & photocell/shorting cap.
- Optional electrical disconnecter.

Finishing Colors



MHT69A

LED Street Light

Ordering Information

Example: MHT69A-1-60-CK7B-BA-34-1384-7040-CM-MO-GY

Luminary Type	Module Qty.	System Power	Module Type	LEDs Type	Cable Type	Qty. of LEDs per module
MHT 69A Street light 69A series	1 1pcs LED module	40 40W	CK7A	B 5050	A CCC+VDE	34 34pcs
	2 2pcs LED modules	50 50W	CK7B	C 3030	C PSE	108 108pcs
	3 3pcs LED modules	...			H UL	
	4 4pcs LED modules	240 240W			X OTHER	
Lens Code		CRI & CCT		Brand of LEDs	Driver Brand	Housing Color
1384 Type I Short	1385 Type I Short	5050	7030 Ra≥70, 3000K	LU LUMILEDS	IN INVENTRONICS	BK Black
2386 Type II Short	2387 Type III Medium		7040 Ra≥70, 4000K	CM CUSTOMIZATION	MO MOSO	WH White
1581 Type II Medium	1582 Type II Medium	3030	7050 Ra≥70, 5000K	XX OTHER	XX OTHER	DG Dark Gray
			7057 Ra≥70, 5700K			GY Gray
CK7B	CK7A					

Performance

Model	Power (W)	Module Type	Qty. of LEDs per module	5050 LEDs		3030 LEDs		Lumens (lm)
				Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	
MHT69A-1	40	CK7B	34	168	6,720	108	148	5,920
	50	CK7B	34	165	8,250	108	145	7,250
	60	CK7B	34	160	9,600	108	143	8,580
MHT69A-2	80	CK7B	34	173	13,840	108	154	12,320
	100	CK7B	34	170	17,000	108	151	15,100
	120	CK7B	34	167	20,040	108	149	17,880
MHT69A-3	120	CK7A	34	173	20,760	108	154	18,480
	150	CK7A	34	170	25,500	108	151	22,650
	180	CK7A	34	167	30,060	108	149	26,820
MHT69A-4	160	CK7A	34	173	27,680	108	154	24,640
	200	CK7A	34	170	34,000	108	151	30,200
	240	CK7A	34	167	40,080	108	149	35,760

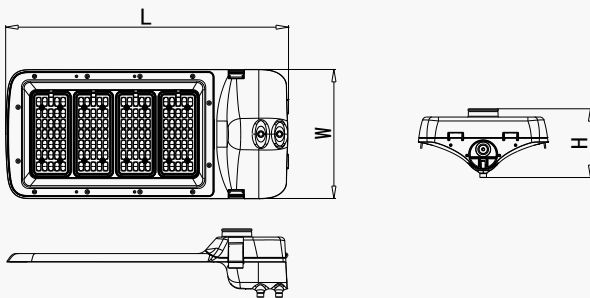
*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

*Values shown are subject to ±5%~±8% tolerance.

Dimensions

Model	L (mm)	W (mm)	H (mm)	Mounting O.D. (mm)	Max. Mounting Depth (mm)	N.W.* (kg)
MHT69A-1	385	240	165	Φ 57~63	75~90	2.9
MHT69A-2	515	240	165	Φ 57~63	75~90	3.7
MHT69A-3	580	310	165	Φ 57~63	75~90	4.2
MHT69A-4	680	310	165	Φ 57~63	75~90	5.0

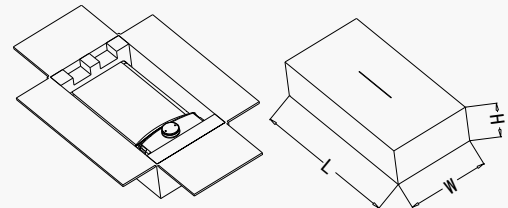
*Values shown are subject to ±5% tolerance.



Package Information

Model	L (mm)	W (mm)	H (mm)	G.W.* (kg)
MHT69A-1	435	300	200	3.6
MHT69A-2	565	300	200	4.5
MHT69A-3	630	370	200	5.2
MHT69A-4	730	370	200	6.1

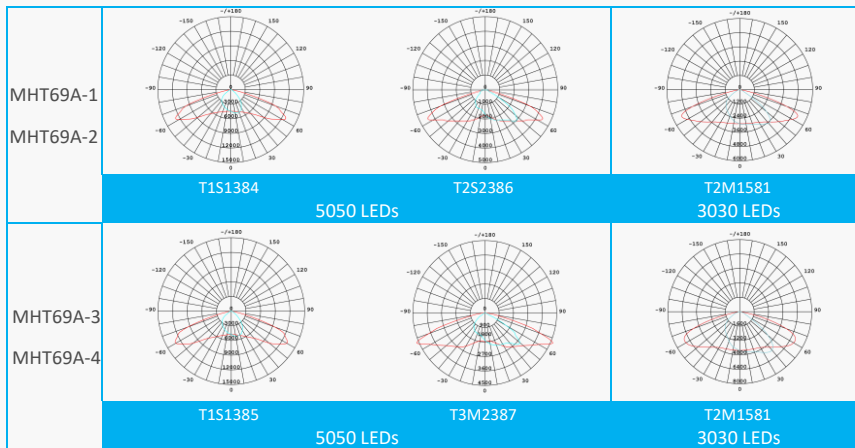
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MHT69A

LED Street Light

Distributions



Accessories



Photocell

Shorting Cap

Version History

Change Date	Version	Item	Description of Change	
			From	To
2021/04/01	Version 2.0	Datasheet Release		
2022/06/08	Version 2.1	Solution of 3030 LEDs		Added