

HUBBELL LIGHT MODULE (HLM)



Overview

- Constant-Current Circuit
- Color: 1/4 ANSI Binning, 3 Step MacAdam Ellipse
- Five different CCT options
- Three different Beam Angles
- Two different Lens options - Flat and Dome
- Minimum of 90 CRI (R9 >= 50)
- 5 year Warranty
- Engineered by Hubbell Lighting Components
- Dimmable
- UV-free light output
- Mercury-free light source
- IP66



Electrical Specifications

Driver Type	Constant Current
Life	50,000 Hrs 70% Lumen Maintenance
Max Test Point Temp:	70°C
Operating Temp:	-40°C to +60°C Ambient
Storage Temp:	-40°C to +80°C Ambient
Beam Angle	Narrow Medium Wide
CRI	90

HLM Module White CCT Options Matrix

E.g. HLM4000LM5000KNF

Series	Flux	CCT	Beam Angle	Lens Type
HLM	- xxxxLM	- xxxxK	- x	x
	850	2700	N - Narrow	F - Flat
	1250	3000	M - Medium	D - Dome
	2000	3500	W - Wide	
	3000	4000		
	4000	5000		

Note: Not all module combination options are standard products

HLM Module Amber Options Matrix

E.g. HLM700LM1550KNF

Series	Flux	CCT	Beam Angle	Lens Type
HLM	- 700LM	- 1550K	- x	x
			N - Narrow	F - Flat
			M - Medium	D - Dome
			W - Wide	

HLM Module Warm Dimming CCT Options Matrix

E.g. HLM1250LM3000WDFNF

Series	Flux	CCT	Beam Angle	Lens Type
HLM	- xxxxLM	- xxxxD	- x	x
	850	2700	N - Narrow	F - Flat
	1250	3000	M - Medium	D - Dome
	2000	3500	W - Wide	
	3000			

Note: Not all module combination options are standard products
Low-end CCT for warm dim modules is 2000K

HLM Electrical Specification

Flux (lm)	Rated Current (mA)	Forward Voltage (V)	Board Power (W)	Max. Current (mA)
850	1100	11.3	12.43	2400
1250	910	16.7	15.197	2400
2000	1050	25.5	26.775	2400
3000	1050	31.2	32.76	2400
4000	1400	34.6	48.44	2400
700	700	24.6	17.22	1400

Note: Fixture is designed to last 50,000 hrs 70% lumen maintenance at or below max test point temperature. If test point temp higher additional heat sinking will be needed

Beam Angle	Flat Lens	Dome Lens
Narrow	38°	70°
Medium	66°	82°
Wide	82°	98°

Note: See IES files for details