



SM-FL2H LED Flood Light

Product Description

SM-FL2H LED Flood Lights are broad-beamed, high-intensity artificial lights. They are often used to illuminate outdoor playing fields while an outdoor sports event is being held during low-light conditions. The white beam of light produced by it is very much similar to daylight. When SM-FL2H LED Flood Lights be used in stadiums, it makes the spectators feel as though it is day time. Also, SM-FL2H LED Flood Lights are impervious to temperature fluctuations and environmental conditions. Unlike some other lights, LEDs remain stable and functional even in freezing conditions. This makes them all the more ideal for cold warehouses and storage areas.

Being free of Mercury, Lead and Carbon Emissions, SM-FL2H LED Flood Lights do not give out any harmful emissions such as carbon. As a result, they are much friendlier to the environment and also to the health of people nearby. What's more, SM-FL2H LED Flood Lights do not emanate heat and conserve the maximum amount of electricity, which also leads to longevity and safety.

For these advantages of SM-FL2H LED Flood Lights, these lights are ideal for use in cold storage warehouses, or used as a stage lighting instrument in live performances such as concerts and plays. In the top tiers of many professional sports, it is a requirement for stadiums to have floodlights to allow games to be scheduled outside daylight hours.

Features

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1. Modular pluggable technology, easy tool onsite maintenance,
2. Honeycomb and whole structure cooling technology, high efficient heat dissipation,
3. Double-coupling IP68 protection, highest waterproof level,
4. Intelligent constant current driving technology, long life span,
5. Ergonomic light distribution to achieve uniform illuminating effect,
6. Free modular serialization and full power range solutions

Detailed Parameters

Input Voltage	Power Efficiency	Power Factor	Junction Temperature	CRI	Working Environment	Storage Temperature			
AC100V-277V	91%	0.95	<80°C	Ra ≥ 70	-40°C~+50°C 10%~90%RH	-40°C~+50°C			
LED Life span	Surge Protection	CCT	LED Brand	Material	IP Rating				
>60000Hours	10KV/5KA	3000K, 4000K, 5000K, 5700K	Lumileds	Metal	LED Module IP68, Power Supply IP67				
Model	System	LM/W (Ultra	LM/W (High)	Initial Lumens	Initial Lumens	Product Size	Packaging dimension	N.W. (Kg)	G.W. (Kg)

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	Power(W)	High)		(Ultra High)	(High)	(mm)	(mm))
FL2H-1	40	155	115	6200	4600	300*10 5*290	390*165* 190	2.4	2.8
	50	150	110	7500	5500	300*10 5*290	390*165* 190	2.4	2.8
	60	145	105	8700	6300	300*10 5*290	390*165* 190	2.4	2.8
FL2H-2	80	160	120	12800	9600	300*19 0*290	390*245* 190	3.8	4.3
	100	155	115	15500	11500	300*19 0*290	390*245* 190	3.8	4.3
	120	150	110	18000	13200	300*19 0*290	390*245* 190	3.8	4.3
FL2H-3	120	160	120	19200	14400	300*27 0*290	390*325* 190	5.2	5.8
	150	155	115	23250	17250	300*27 0*290	390*325* 190	5.2	5.8
	180	150	110	27000	19800	300*27 0*290	390*325* 190	5.2	5.8
FL2H-4	160	160	120	25600	19200	300*35	390*405*	6.2	6.9

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						0*290	190		
	200	155	115	31000	23000	300*35	390*405*	6.2	6.9
						0*290	190		
	240	150	110	36000	26400	300*35	390*405*	6.2	6.9
						0*290	190		
FL2H-5	200	160	120	32000	24000	300*43	425*505*	11.1	12.
						0*355	225		5
	250	155	115	38750	28750	300*43	425*505*	11.1	12.
						0*355	225		5
	300	150	110	45000	33000	300*43	425*505*	11.1	12.
						0*355	225		5
FL2H-6	240	160	120	38400	28800	300*48	425*575*	12.4	13.
						0*355	225		9
	300	155	115	46500	34500	300*48	425*575*	12.4	13.
						0*355	225		9
	360	150	110	54000	39600	300*48	425*575*	12.4	13.
						0*355	225		9
FL2H-7	280	160	120	44800	33600	300*56	425*655*	14.1	15.
						0*355	230		7
	350	155	115	54250	40250	300*56	425*655*	14.1	15.
						0*355	230		7

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	420	150	110	63000	46200	300*56 0*355	425*655* 230	14.1	15. 7
FL2H-8	320	160	120	51200	38400	300*64 0*355	425*735* 230	15.4	17. 2
	400	155	115	62000	46000	300*64 0*355	425*735* 230	15.4	17. 2
	480	150	110	72000	52800	300*64 0*355	425*735* 230	15.4	17. 2

Product Display



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White



Black



Gray

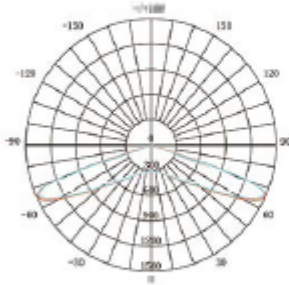


RoHS



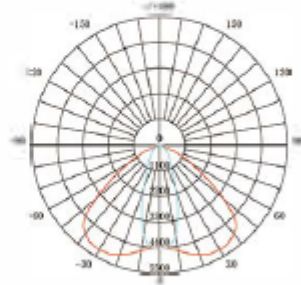


[Lighting Distribution Curve]



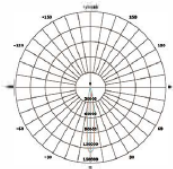
T5S3040

IESNA Type VS Short



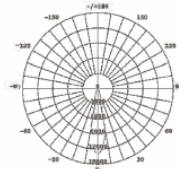
11D3030

Beam Angle (50%) 110×40DEG



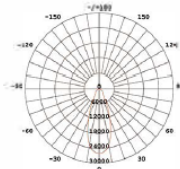
12D1908

Beam Angle(50%)12DEG



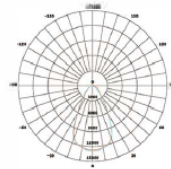
25D3725

Beam Angle (50%) 25DEG



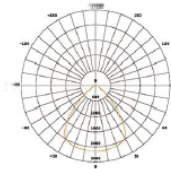
40D3540

Beam Angle (50%) 40DEG



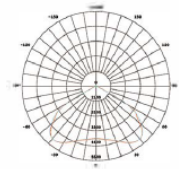
60D3560

Beam Angle (50%) 60DEG



90D3590

Beam Angle (50%) 90DEG



00D1010

Beam Angle (50%) 110DEG

