

SLEDSP-2026 Multi Serious LED Flood Lighting



Quick Details

Light Source:	LED	Item Type:	Flood Lights	LED Light Source:	LED
Input Voltage(V):	90-264V, 12/24VDC, 277V, 347V, 480V	Lamp Power(W):	250	Lamp Luminous Flux(lm):	23750
Lamp Luminous Efficiency(lm/w):	105	CRI (Ra>):	80	Color Temperature(CCT):	Cool White
Beam Angle(°):	170,80,40,20,RackB,Bat 360,Bat I,Bat Shape	Working Temperature(°C):	-45 - 50	Working Lifetime(Hour):	50000
Lamp Body Material:	Aluminum Alloy	IP Rating:	IP66	Certification:	CE,CQC,C-tick,Energy Star,EMC,ETL,LVD,RoHS,SAA,U L
Manufacturer	Multitasking Corporation	Brand Name:	SensLights	Model Number:	SLEDSP-2026
Certificate:	CE/RoHS/EMC/UL/cUL/CSA/DLC/LM79/LM80/TM21	Color:	Cool white,Pure white,Warm white	Options:	Dimming/Timer/Photocell/Motion Sensor/Slot Blocker
Warranty(Years):	5	Chips & LEDs:	SensLights	PSU / Driver:	Meanwell
Color Temperature:	3000-6000k	Light Design:	Modular Bar	Light name:	LED Light
Power(W):	40W,60W,80W,100W,120W,150W,200W,250W				

Packaging & Delivery

Packaging paperboard + strengthen carton, 1pc per carton. for CE cUL UL DLC 5yrs Warranty IES
Detail: Street/Canopy/Flood/Highbay/Park/Tunnel LED Lights. OEM Design is allowable if your QTY is enough big..
Delivery flexible delivery time. 3-7days for sample, order date is soon.
Detail:

Specifications

LED Lights - 5yrs Warranty

high efficiency 105 lm/w

50000 hrs lifespan

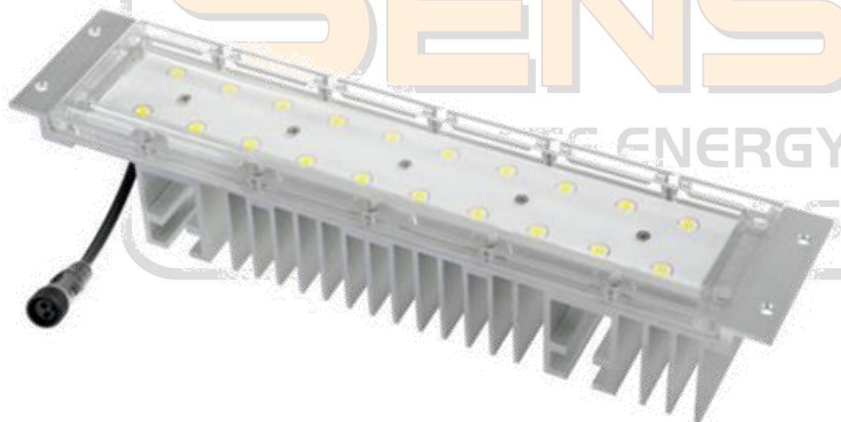
8 yrs factory

CE RoHS EMC cUL CSA UL DLC





SENS
ENERGY



CE/RoHS/UL/DLC Led Flood Light SP-2026

Model Ranges:

40W/60W/80W/100W/120W/150W/200W/250W

Input Voltage:

1. 90-264V/AC,277V/AC,347V/AC,480V/AC
2. DC24V 12V

Features:

1. CE, RoHS & IP66 approved, UL Meanwell LED Driver available.
2. 170D,80D,Rack B,Bat 360,Bat Shape,Bat I
3. Input Voltage Option: AC 90-264V or DC24V 12V
4. LED Brand: Top SensLights chip
5. 0-10v Dimmable Available for Zigbee smart control
6. 5 years warranty

Floodlights 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. More focused kinds are often 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. Evening or night matches may suit spectators who have work or other commitment earlier in the day. The main motivation for this is television marketing, especially in sports such as Gridiron which rely on TV rights money to finance the sport. Some sports grounds which do not have permanent floodlights installed may make use of portable temporary ones instead. Many larger floodlights (see bottom picture) will have gantries for bulb changing and maintenance. These will usually be able to accommodate one or two engineers.



360All for One Design

With one design, it gives solution for all your needs in public illumination, industrial illumination and commercial illumination, simply by changing different mountings for street light, tunnel light, canopy, high bay light, park light and flood light!

Superior Performance

Ultra-bright Bridgelux chip is used for single LED, with efficiency up to 130lm/w

Match with high Efficiency driver up to 94%, pfc >0.9

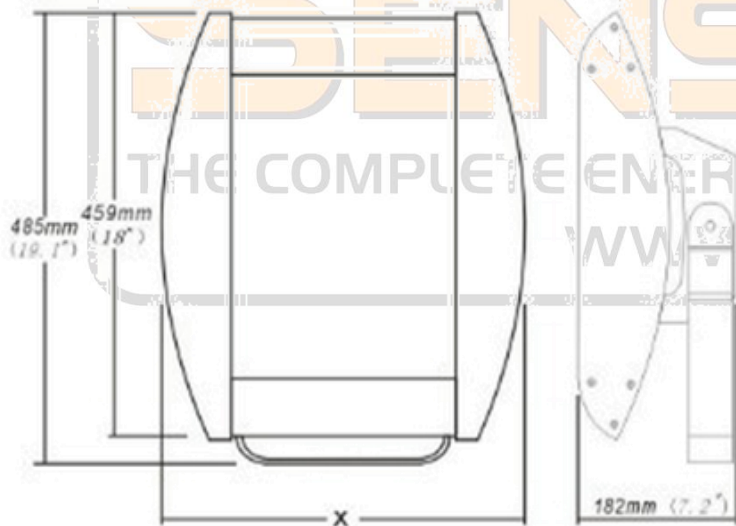
Together with the special designed thermal management, achieve superior system efficiency up to 105 lm/w.

Reliable Quality Assurance

Aluminum housing and high heat conductive alloy modular bar in a special designed air flow thermal management system

with built in protection for short circuit / overload / over voltage / over temperature

Backed up 5-5-10 years warranty!



Ordering Information Example 360-SP-2026 - 2B - 40w- 60k- BAT Shape-MVLOT

Series	Mounting	Modular	System Power	Color	Distribution	Voltage	Options
360	SLED SP2026 flood light	2 Bar	40W	6000K	170D	MVOLT	Dimming Timer Photocell Motion Sensor Slot Blocker Dark Gray Black
			60W				
		3 Bar	60W	4500K	80D	277v	
			100W				
		4 Bar	80W	3000K	40D	347v	
			120W				
		5 Bar	100W	RackB BAT 360 BAT Shape	480v	12/24vDC	
			150W				
		6 Bar	120W		150W	200W	
			200W				
		7 Bar	150W		250W		
			250W				

Notes

1. For UL & CUL, only available for color temperature below 5700k color can also specify the customized color temperature standard color is 6000k For DLC, only available for 3000K&4500k
2. MVOLT is standard, operates at 90-264v.50/60Hz.
3. 277v operates at 90-305V.50/60 Hz
4. 347v or 480V, only available at 80w-100w at the moment, 120w/150w is pending

5. 12/24v DC only available in 80w or below For 100w or over, contact SINGBEE for detail
6. built in 3 in dimming function(1-10v DC, PWM signal, or resistance)
7. Timer dimming, contact for detail

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Performance

Modular	Number of LEDs	System Power	6000K System Lumen	L70 Life (hours)	X Dimension	Net Weight
2 Bar	40	40W	4200 lm	>50000	272mm (10.7")	7.5kg
		60W	5700 lm			7.7kg
3 Bar	60	60W	6300 lm	>50000	343mm (13.5")	8.5kg
		100W	9500 lm			8.9kg
4 Bar	80	80W	8400 lm	>50000	414mm (16.3")	10kg
		120W	11400 lm			10.5kg
5 Bar	100	100W	10500 lm	>50000	485mm (19.1")	11.2kg
		150W	14250 lm			11.7kg
6 Bar	120	120W	12600 lm	>50000	556mm (21.9")	12.5kg
		200W	19000 lm			13kg
7 Bar	140	150W	15750 lm	>50000	627mm (24.7")	13.5kg
		250W	23750 lm			15kg

*Based on LM70 and Projected Per IESNA TM-21-11

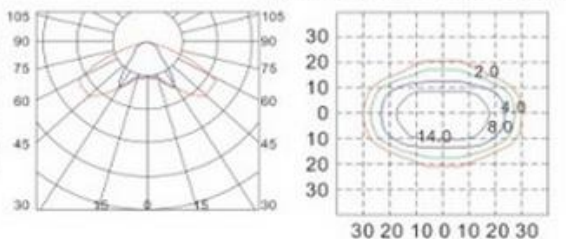
Color Temperature	Lumen Multiplier	CRI	Distribution	Lumen Multiplier
6000K	1.00	70	BAT 360	1.00
4500K	0.90	75	BAT Shape	1.00
3000K	0.81	70	170D	0.98
			80D	0.96
			40D	0.93
			RackB	0.90

Light Distribution

Color Option

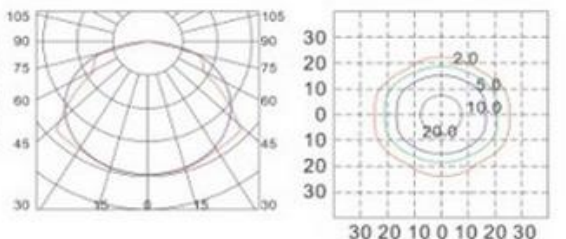
Bat shape

Standard bat shape distribution, perfect for road or tunnels where the light being installed in the center. Provide lighting in the back of the lamp for side walks or roads.



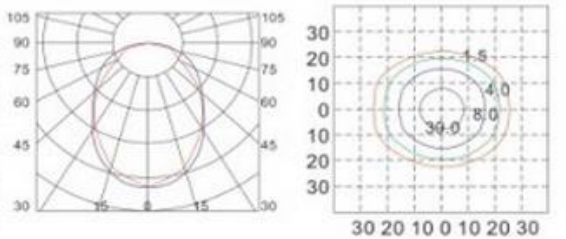
170 D

This is standard light distribution for canopy light, low bay light and flood light, where need round and uniform light for open space projects.



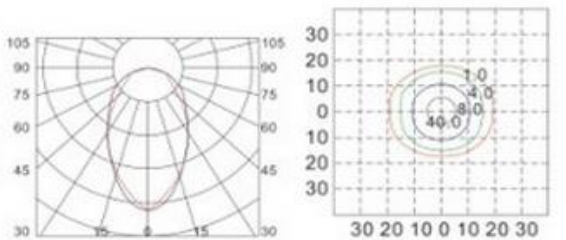
80 D

This is suitable for projects with middle high ceiling (8-14m). Enable to achieve high lux on ground, by re-channelling the light that would have gone to the wall and ceiling to the floor.



40 D

Narrow beam light distribution, suitable for projects with very high ceiling (above 14m), or a high concentration of light is needed.



Standard - Silver



Modular bar painted in Oxidized Silver

Optional - Dark Gray



Modular bar painted in Oxidized Silver

Optional - Black



Modular bar painted in Oxidized Black

Housing frame and mounting bracket spray painted in Silver



Housing frame and mounting bracket spray painted in Dark Gray



Housing frame and mounting bracket spray painted in Black

Where to use floodlights?

The possibilities and outdoor places where you can use them are almost endless and the light fixtures with the separate solar cell can even be used inside if the power cord can be stretched from the solar cell to the actual

floodlight fixture. I can give some examples of places where to use them but I think anyone has their own requirements and uses for them. So some of the most common places where to use solar powered flood lights are:

- - Outside the house as a security light,
- - At a remote garage or shed for security purposes,
- - At any remote buildings entrance as a night light,
- - Above any outdoor stairwell to see where you are going,
- - In gardens for plant illumination,
- - Garden art object illumination,
- - Sign and building number illumination,
- - Indoor motion light for the staircases,
- - On a porch as a night light,
- - Remote shed primary night light source,
- - Anywhere outside where you can't put an electricity line as a security or main light source.

Australian rules football

The first floodlit Australian rules football match was a VFL premiership match, Essendon Football Club vs Geelong Football Club at the Brisbane Exhibition Ground, as part of Round 8, on 16 June 1952.

Cricket

Cricket was first played under floodlights on Monday, 11 August 1952 in England which was watched by several million people on their television sets. Since then most test playing countries have installed floodlights in some or all of their stadiums. Traditional Cricket floodlights have a long pole on which lights are fixed. This is done because many times the ball travels too high when batsman hits it and high lights are needed to keep the ball in sight. But many cricket stadiums have different types of floodlights like ANZ Stadium in Australia, stadiums in

New Zealand etc. The DSC Cricket Stadium in Dubai recently installed Ring of Fire system of floodlights which is latest and smartest system of floodlight in the world.

Association football

Darwen FC have reportedly the first floodlit stadium. Floodlighting in association football dates as far back as 1878, when there were floodlit experimental matches at Bramall Lane, Sheffield during the dark winter afternoons. With no national grid, lights were powered by batteries and dynamos, and were unreliable. Lights were later be used by clubs such as Thames Ironworks, but they stopped the practice after joining the Southern League in 1888.

In the 1930s, Herbert Chapman installed lights into the new West Stand at Highbury but the Football League refused to sanction their use. This situation lasted until the 1950s, when the popularity of floodlit friendlies became such that the League relented. In 1950, Southampton FC's stadium, The Dell, became the first ground in England to have permanent floodlighting installed. The first game played under the lights there was on 31 October 1950, in a friendly against Bournemouth & Boscombe Athletic, followed a year later by the first "official" match under floodlights, a Football Combination (Reserve team) match against Tottenham Hotspur on 1 October 1951. The first international game under floodlights of an England game at Wembley was 30 November 1955 against Spain, England winning 4-1. The first floodlit Football League match took place at Fratton Park, Portsmouth on 22 February 1956 between Portsmouth and Newcastle United.^[6]

Many clubs have taken their floodlights down and replaced them with new ones along the roof line of the stands. This previously had not been possible as many grounds comprised open terraces and roof lines on covered stands were too low. Elland Road, Old Trafford and Anfield were the first major grounds to do this in the early 1990s. The Galpharm Stadium and the JJB Stadium have since been built with traditional floodlights on pylons.

Rugby League

The First Rugby League Match to be played under floodlights was on 14 December 1932 when Wigan met Leeds in an exhibition match played at White City Stadium in London (8pm Kick Off). Leeds won 18-9 in front of a crowd of over 10,000 spectators. The venture was such a success that the owners of the White City Ground took over the "Wigan Highfield" club and moved them to play Rugby League games at the ground under floodlights the following season, with most of their matches kicking off on Wednesday Nights at 8pm. That venture only lasted one season before the club moved back up north.

The first floodlit match for rugby league played in the heartlands was on 31 October 1951 at Odsal Stadium, Bradford when Bradford Northern played New Zealand in front of 29,072.

For a club to play in the Super League they must have a ground with floodlights adequate for playing a professional game.

Amateur use

Many smaller amateur clubs will have less substantial floodlights, often only suitable for training and not playing a full game. Often they will only illuminate a small part of the playing area.

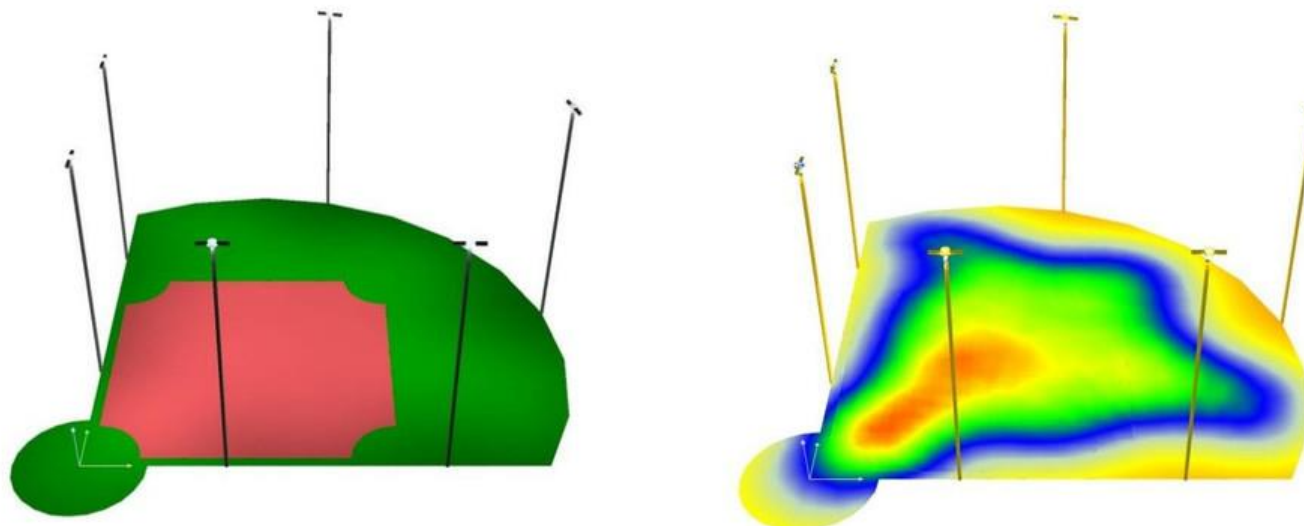
Other uses

Floodlights are also used in other sports such as racing, baseball, and tennis.

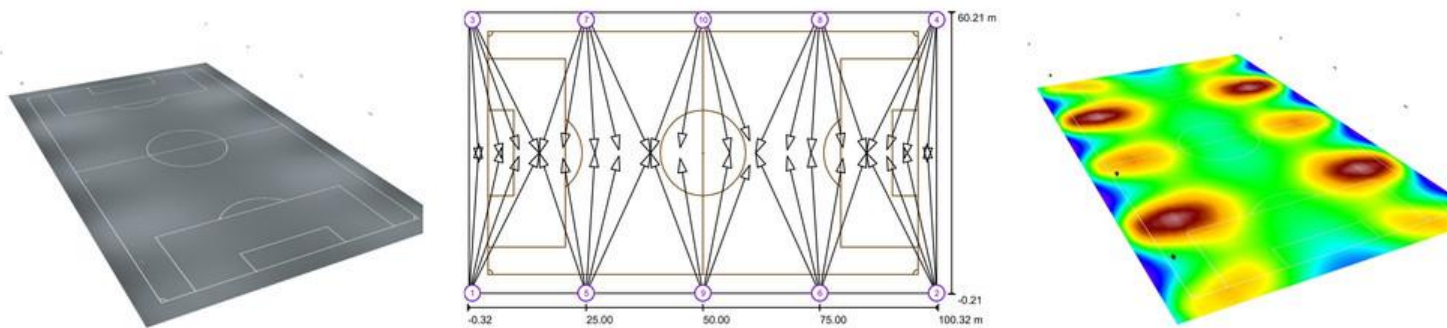
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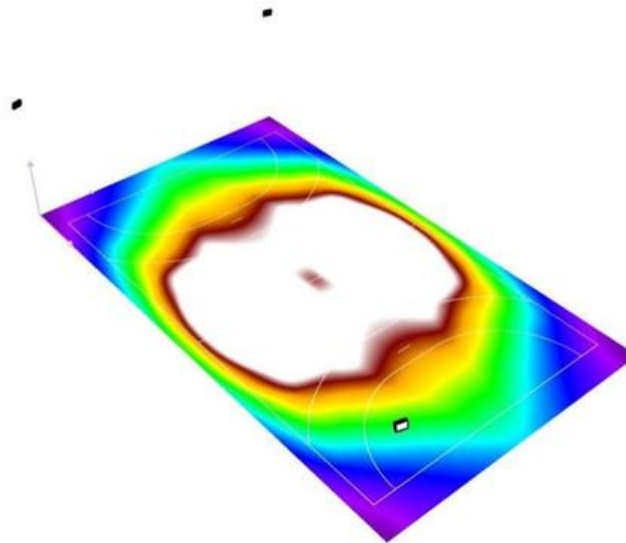
Baseball field flood light



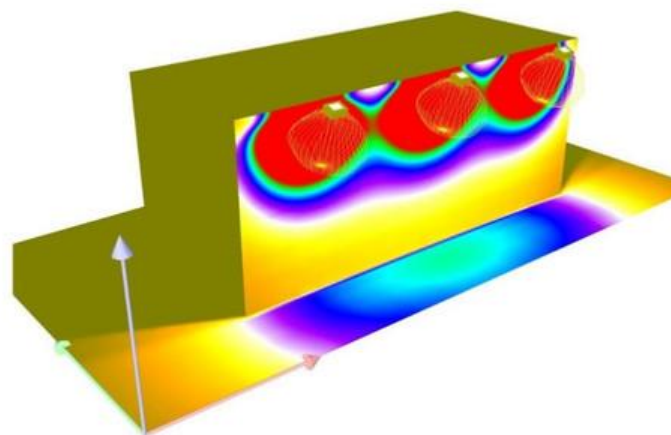
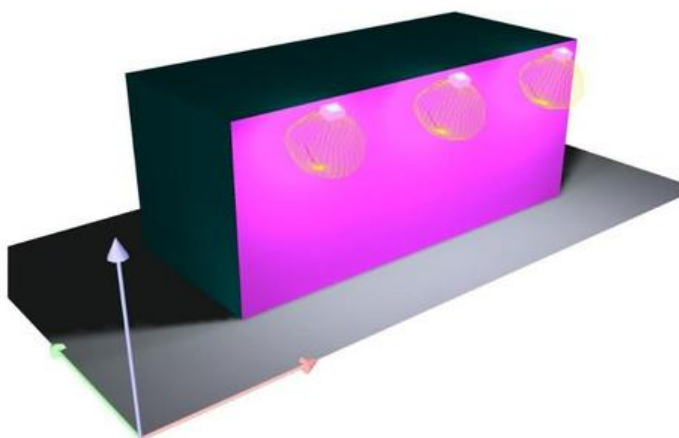
Football Field Flood Light



Tennis Field Flood Light



Billboard flood light



SensLights is the global leader in Solid State Lighting (SSL) performance and system optimization.

A pioneer in SSL, SensLights is expanding the market for light emitting diode (LED) technologies through its high performance, energy efficient, easy to integrate SSL solutions, and by driving down the cost of LED lighting systems.

SensLights SSL solutions provide up to 65% savings in energy consumption over traditional technologies. In addition to addressing the sheer demand for LED lighting for traditional lighting applications, the SensLights product platform enables the integration of smart sensors and wireless communication technologies, allowing architects and lighting designers to integrate smart building control systems and other innovative applications that bring further benefit for the rapid transformation to solid state lighting.

Through its industry partnerships with Toshiba, Epistar, Kaistar and others, SensLights is a fabless chip/packaging company with the benefit of big semiconductor R&D and manufacturing scale, and ongoing joint development efforts. Through the company's recently announced collaboration, license and supply relationship, SensLights is working on the next stage of expanded work with Toshiba in GaN-on-Silicon based SSL technologies.

SensLights Application Brochures

SensLights LED light source technology is ideally to the most relevant general illumination applications. The SensLights application brochure series highlights SensLights LED light source technology in application. The individual application brochures are available for Reflector Lamp, Down Light, Street Light and High Bay applications.

SensLights 360 Range Flood Light SP-2026 Products Projects

Our Market for whole world,SensLights has successfully sold our led products to over **75** different countries.

Innovation is the link from Crystal to LED Lighting.

We have engineers who have more than 10 years of LED experience working closely with our Crystal Engineers. R
esult was a creation of unique crystal LED manufacture, applying the knowledge from crystal production into our
LED Packaging.

Giving each individualLED stability and efficiency. We have already achieved great success with this patent techni
que.

We installed indoor lighting in the biggest earth moving equipment supplier Caterpillar in Mexico.

The first LED Street in Ireland was installed with SensLights Street Light.

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