

SPIDER

UP TO 150 lm/w
Crisp and Clear Illumination for Every Corner



IP66



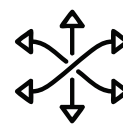
IK08 Standard
IK10 Optional



Internal: DM 6KV / CM 10KV
External: 10KV / 20KV



WARRANTY



Multiple
Installation
Options



Enhanced
Heat
Dissipation



Slim and powerful, this LED floodlight delivers high lumen output with wide coverage, making it perfect for outdoor lighting in tough environments.

• APPLICATION



LOADING BAY



TUNNEL



Garden



Billboard



Industrial Halls



Car Parks



Subway / Train Stations



BRIDGE



STADIUM

• CHARACTERISTICS & SPECIFICATIONS TABLE

Technical Parameters

Input:	100-277V 50/60Hz
Power Factor:	>0.95 @ 220V full load >0.90 @ 100-277V full load
THD:	<10 @ 220V full load <20 @ 100-277V full load
Surge protection options (kV)	Internal: DM 6KV / CM 10KV External: 10KV / 20KV
Electrical class:	Class I 
Working Temp (ta):	-30°C to + 50°C
Operating Humidity:	10-90% RH
Color Temperature :	

Features

Housing :	Die-cast aluminum
Mounting:	Bracket mounted / Pole Mounted
Optics :	Polycarbonate
Body Finish:	Electrostatic polyester powder-coated
Body Color:	Available Colors: Gray/Black
Lifetime :	(L70B50 / L80B20): >100,000h / >50,000h
LED Type:	SMD3030
Emergency Backup:	Option
Dimming:	0-10V/PWM/ Resistor dimming 
Switching Cycles:	>50,000 times
Flicker Free:	

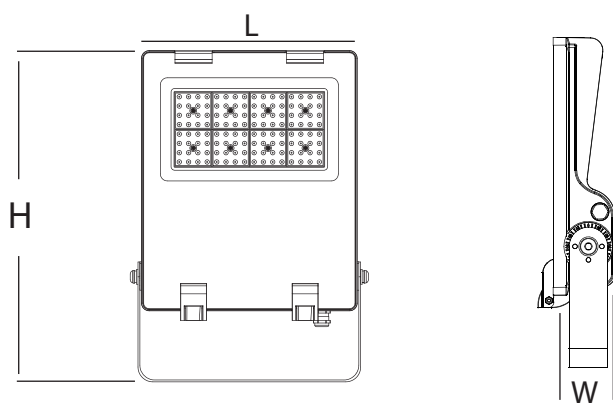
• PERFORMANCE

Model	Power	Efficiency	System Lumen	Beam Angle	CRI	Source		
NLC-SP	50W	150lm/W	7500lm	25° 60° 90° 120°	Standard: >70 Optional: >80			
	80W		12,000lm					
	100W		15,000lm					
	150W		22,500lm					
	200W		30,000lm	50°X120° 30°X90°				
	240W		36,000lm					
	300W		45,000lm					
	400W		60,000lm					

• Drawing

Connecting the cable requires an IP65 Tightness level •

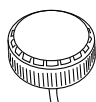
50W H345*L226*W81mm	80W 100W H447*L321*W90mm	150W 200W 240W H495*L378*W90mm	300W 400W H639*L507*W92mm
------------------------	-----------------------------	-----------------------------------	------------------------------



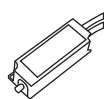
• Accessories



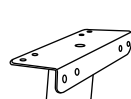
Photocell



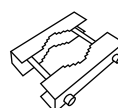
Motion Sensor



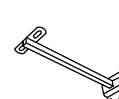
Smart Controller



Pole Adapter



Clamp Bracket

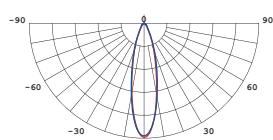


Mounting Arm

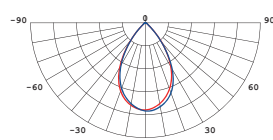


Extra 10KV SPD

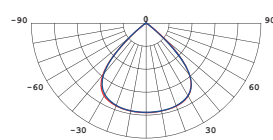
• LIGHT DISTRIBUTIONS Curve



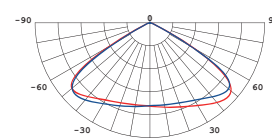
25°



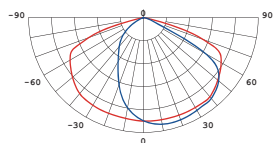
60°



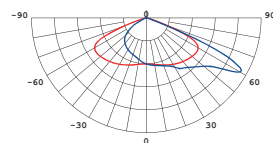
90°



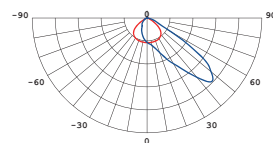
120°



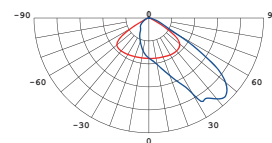
T3S53002



T3S53003



30°X90°



50°X120°



• Certificates



CB



RoHS



Street 77, Second Industrial City
P.O. Box 353, Dammam-3141



Tel: +966-(013) 812-2020
Fax: +966-(013) 812-2250



info@nlc.com.sa
www.nlc.com.sa