



Introduction

This is a garden light with 650mm/1010mm height option, lamp head can be rotated 350 degrees horizontally and 90 degrees vertically, so it can do a flexible lighting direction adjustment. It adopts Bridgelux COB light source with optic lens design, the lamp body is made of ADC12 aluminum, which has strong heat dissipation, corrosion resistance and anti-aging ability. For installation, it has surface mount and spike versions, the bottom installation part can be accessory kit, the lamp pole is segment design for transport convenience.

Features

- The lamp head can be rotated 350 degrees horizontally and 90 degrees vertically
- The lamp pole is segment design
- Installation ways: Spike / Surface mount
- Size options: 650mm, 1010mm
- ADC12 aluminium housing
- IP65 protection level
- Internal flicker free driver

Application Areas

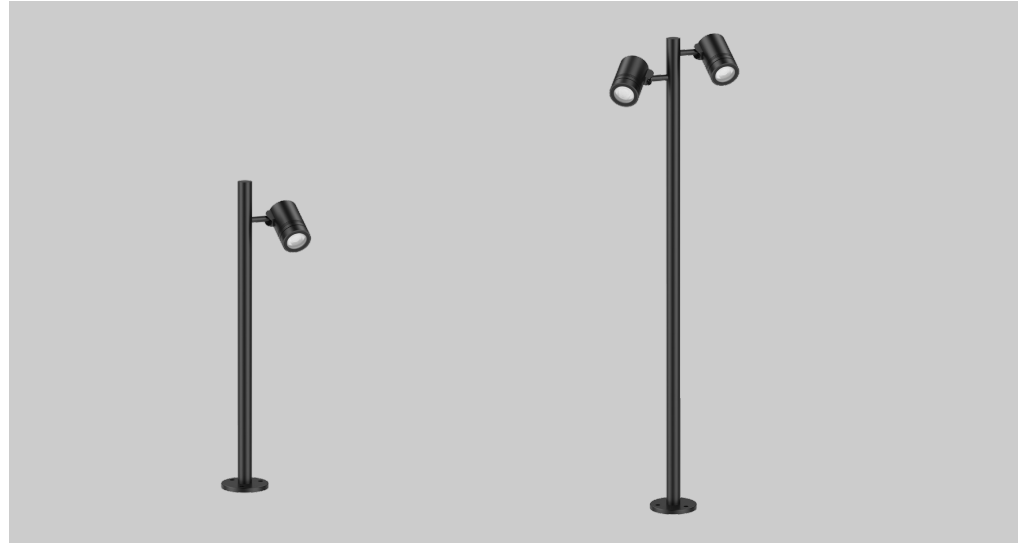
The garden light is designed for general lighting applications in courtyard, park, garden, lawn etc.





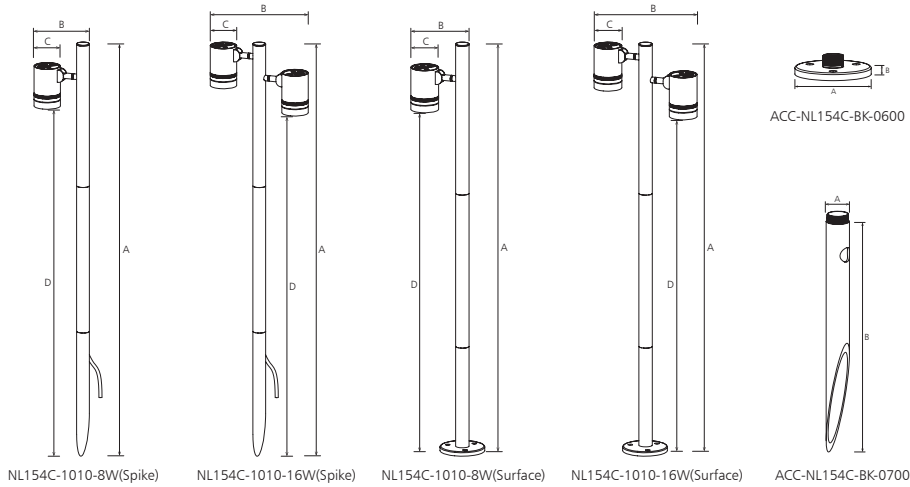
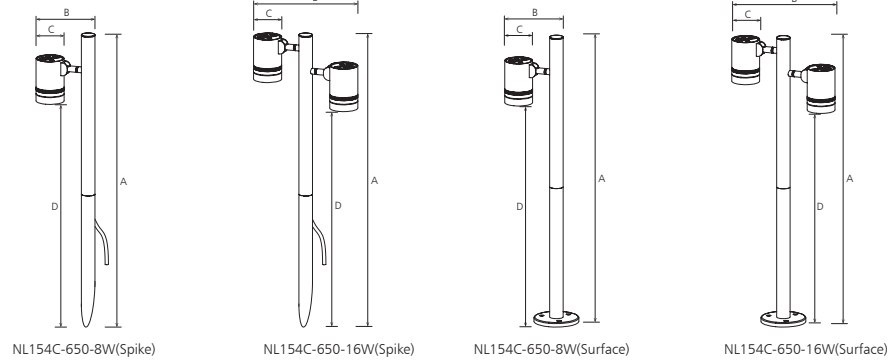
Technical Data Sheet

Code			NL154C-650-8W(Spike)	NL154C-650-16W(Spike)	NL154C-1010-8W(Spike)	NL154C-1010-16W(Spike)
Dimension(mm)			650*136*62	650*241*62	1010*136*62	1010*241*62
Cutout (mm)			-			
Watt(W)			8W	2*8W	8W	2*8W
Rated Input Voltage			AC220-240V			
Input Voltage			AC198-264V			
LED Module Input			DC33-38V			
Light Source			COB			
SDCM			<5			
CCT(K)			1-CCT: 3000K / 4000K / 5000K 2-CCT: 3000K+4000K			
CCT Selection DIP Switch			-			
Luminous Flux (lm) ±5% CRI80	1-CCT	Non-DIM	800-880	1580-1740	800-880	1580-1740
		DIM	-			
	2-CCT	Non-DIM	840-890	1650-1850	840-890	1650-1850
		DIM	-			
CRI			≥80			
Beam Angle (°)			36°/ 60°			
UGR			-			
LED Driver			Driver built-in			
Dimming Option			-			
Sensor			NO			
Emergency Kits			NO			
Electrical Class			Class II			
Ingress Protection(IP Rating)			IP65			
Impact Resistance(IK Rating)			IK06			
Product Finishing			Black RAL9005			
Optics Material			PMMA			
Housing Material			Aluminium			
Lifetime (hr)			50,000h			
Glow wire test (°C)			650°C			
Operating Temp.(°C)			-20°C~40°C			
Storage Temp.(°C)			-20°C~65°C			
Installation			Board mounted			

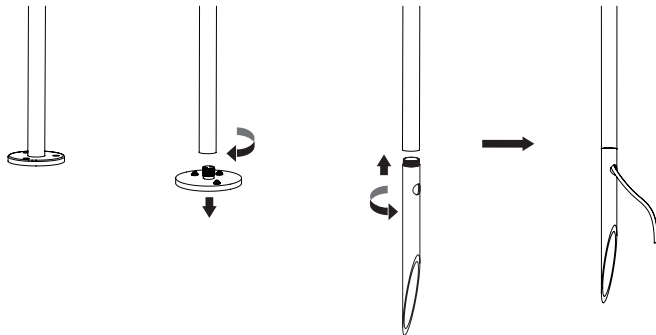


Technical Data Sheet

Code			NL154C-650-8W(Surface)	NL154C-650-16W(Surface)	NL154C-1010-8W(Surface)	NL154C-1010-16W(Surface)
Dimension(mm)			650*136*62	650*241*62	1010*136*62	1010*136*62
Cutout (mm)			-			
Watt(W)			8W	2*8W	8W	2*8W
Rated Input Voltage			AC220-240V			
Input Voltage			AC198-264V			
LED Module Input			DC30-40V			
Light Source			COB			
SDCM			<5			
CCT(K)			1-CCT: 3000K / 4000K / 5000K 2-CCT: 3000K+4000K			
CCT Selection DIP Switch			-			
Luminous Flux (lm) ±5% CRI80	1-CCT	Non-DIM	800-880	1580-1740	800-880	1580-1740
		DIM	-			
	2-CCT	Non-DIM	840-890	1650-1850	840-890	1650-1850
		DIM	-			
CRI			≥80			
Beam Angle (°)			36°/ 60°			
UGR			-			
LED Driver			Driver built-in			
Dimming Option			-			
Sensor			NO			
Emergency Kits			NO			
Electrical Class			Class II			
Ingress Protection(IP Rating)			IP65			
Impact Resistance(IK Rating)			IK06			
Product Finishing			Black RAL9005			
Optics Material			PMMA			
Housing Material			Aluminium			
Lifetime (hr)			50,000h			
Glow wire test (°C)			750°C			
Operating Temp.(°C)			-20°C~40°C			
Storage Temp.(°C)			-20°C~65°C			
Installation			Ground mounted			



Accessory Changeable



Measurement

Code	Dimension(mm)				Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
NL154C-650-8W(Spike)	650	136	62	491	136*62*650	0.94	1.14	11.28	11.98	57.5*41*34.5	12	4032	9408
NL154C-650-16W(Spike)	650	241	62	491	241*62*650	1.37	1.57	5.48	6.23	41*31*34.5	4	2448	5712
NL154C-650-8W(Surface)	650	136	62	491	136*62*650	1	1.2	12	12.6	57.5*41*34.5	12	4032	9408
NL154C-650-16W(Surface)	650	241	62	491	241*62*650	1.38	1.58	5.52	6.27	41*31*34.5	4	2448	5712
NL154C-1010-8W(Spike)	1010	136	62	851	136*62*1010	1.15	1.4	6.9	7.65	41*39*26.5	6	3360	7830
NL154C-1010-16W(Spike)	1010	241	62	851	136*62*1010	1.53	1.78	6.12	6.87	41*31*34.5	4	2448	5712
NL154C-1010-8W(Surface)	1010	136	62	851	136*62*1010	1.16	1.41	6.96	7.71	41*39*26.5	6	3360	7830
NL154C-1010-16W(Surface)	1010	241	62	851	136*62*1010	1.54	1.79	6.16	6.91	41*31*34.5	4	2448	5712
ACC-NL154C-BK-0600	100	10	-	-	100*10	0.15	0.18	7.2	9.1	44*21*23.5	48	56160	127200
ACC-NL154C-BK-0700	30	310	-	-	30*310	0.08	0.11	3.84	5.76	39*27.5*22	48	55680	126192

Driver Datasheet (Non-dimmable)

Total load wattage		8W	2*8W
Output	Rated output current	190mA	2*190mA
	Output Voltage range	DC30-40V	
	Line Regulation	± 5%	
	Setup Rise Time	≤ 500ms @230V	
	Flickering Index	0.5%(NO RISK)	
Input	Rated Input Voltage	AC220-240V	
	Input Voltage	AC198-264V	
	Frequency	50/60Hz	
	Rated Input Current	≤ 0.05A	≤ 2*0.05A
	Input Current	≤ 0.06A	≤ 2*0.06A
	Power Factor	0.8@230V	
	THD	-	
	Efficiency	80%@230V	
	No load wattage	< 0.5W@230V	
Protection	Short circuit protection	PASS	
	Over voltage protection	PASS	
	Over temperature protection	PASS	
Safety & EMC	Withstand voltage	I/P-O/P: 3.75KVac, <5mA 60S	
	Isolation Resistance	I/P-O/P: 500VDC, ≥ 4M Ω	
	Surge	IEC/EN61000-4-5 (L-N:1KV)	
	EMC Emission	EN55015, EN61000-3-2	
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547	

