

VALLEY

Designed to Aim. Built to Perform.



3 Years WARRANTY
Extended to 5 Years



Flood Light

Buffalo is a high-power, adjustable LED projector light with an aesthetic design, suitable for a wide range of applications. It allows designers to customize lighting layouts based on project requirements. The best way to specify the product is by providing a sketch of what is needed.

• APPLICATION



Landscape



Entrances



Mall Gardens



Tree & plant accent





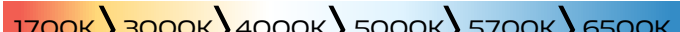
Building Exteriors



Outdoor Pathways

• CHARACTERISTICS & SPECIFICATIONS TABLE

• Technical Parameters

Input Voltage:	DC 12V / 24V / 48V AC 100- 240V 50/60HZ
Power Factor:	> 0.9
Surge protection options (kV):	1KV (L-N), 2KV (L/N-PE)
Working Temp (ta):	-20°C~+50°C
Electrical class:	DC Class III  AC Class I 
Operating Humidity:	95%RH
Color Temperature :	



• Features

Housing :	Die-Cast Aluminum
Mounting:	Many mounting options
Light Window:	Ultra white transparent tempered glass
Cable gland:	IP66 copper and niked coated
Lifetime :	L70B50 > 30,000 h
LED Type:	COB SMD3535
Dimming:	Triac 1-10V DALI RGBW external decoder RGBW DMX512 built-in program PWM
Switching Cycles:	> 15,000 times
CRI:	Standard: >80 Optional: >90

• Performance

Model	Power	System Lumen	Beam Angle	CCT	Dimming Tybe	IK	Input Volt
NLC-VAXXW-YYK	9W 3*1-3W	675LM	10° 15° 25° 45° 60° 120°	1700K-6500K R/G/B/O/Y/I/V	ON&OFF/DMX	IK06	DC12V/24V
	RGB 3in1 3*3W	225LM			ON&OFF		AC100/220V
	RGBW 4in1 3*4W		DMX512 Built-in DMX512 External	DC12V/24V			
	1*10W - COB 1 LED	750LM	15° 25° 45° 60° 120°	2700-6500K	ON&OFF/DMX/ 0-10V/Dali/PWM/ Triac (Built-in/External)		DC12V/24V AC100/220V AC100-220V
		10° 15° 25° 45° 60° 120°					

Model	Power	System Lumen	Beam Angle	CCT	Dimming Tybe	IK	Input Volt
NLC-VAXXW-YYK	15W 5*1-3W	1125LM	10° 15° 25° 45° 60° 120°	1700K-6500K R/G/B/O/Y/I/V	ON&OFF/DMX	IK06	DC12V/24V
	RGB 3in1 5*3W	375LM			ON&OFF		AC100/220V
	RGBW 4in1 5*4W		DMX512 Built-in DMX512 External	DC12V/24V			
	1*18W - COB 1 LED	1350LM	15° 25° 45° 60° 120°	2700-6500K	ON&OFF/DMX/ 0-10V/Dali/PWM/ Triac (Built-in/External)		DC12V/24V AC100/220V AC100-220V
		10° 15° 25° 45° 60° 120°					

Model	Power	System Lumen	Beam Angle	CCT	Dimming Tybe	IK	Input Volt
NLC-VAXXW-YYK	27W 9*1-3W	2025LM	10° 15° 25° 45° 60° 120°	1700K-6500K R/G/B/O/Y/I/V	ON&OFF/DMX	IK06	DC12V/24V
	RGB 3in1 9*3W	675LM			ON&OFF		AC100/220V
	RGBW 4in1 9*4W		DMX512 Built-in DMX512 External	DC12V/24V			
	1*30W - COB 1 LED	2250LM	15° 25° 45° 60° 120°	2700-6500K	ON&OFF/DMX/ 0-10V/Dali/PWM/ Triac (Built-in/External)		DC12V/24V AC100/220V AC100-220V
		10° 15° 25° 45° 60° 120°					

Model	Power	System Lumen	Beam Angle	CCT	Dimming Tybe	IK	Input Volt
NLC-VAXXW-YYK	36W 12*1-3W	2700LM	10° 15° 25° 45° 60° 120°	1700K-6500K R/G/B/O/Y/I/V	ON&OFF/DMX	IK08	DC12V/24V
	RGB 3in1 12*3W	900LM			ON&OFF		AC100/220V
	RGBW 4in1 12*4W		DMX512 Built-in DMX512 External	DC12V/24V			
	1*40W - COB 1 LED	3000LM	15° 25° 45° 60° 120°	2700-6500K	ON&OFF/DMX/ 0-10V/Dali/PWM/ Triac (Built-in/External)		DC12V/24V AC100/220V AC100-220V
		10° 15° 25° 45° 60° 120°					

• Performance

Model	Power	System Lumen	Beam Angle	CCT	Dimming Tybe	IK	Input Volt
NLC-VAXXW-YYK	54W 18*1-3W		10° 15° 25° 45° 60° 120°	1700K-6500K R/G/B/O/Y/I/V	ON&OFF/DMX	IK08	DC12V/24V
					ON&OFF		AC100/220V
	RGB 3in1 18*3W	2700-6500K	RGB	DMX512 Built-in DMX512 External	DC12V/24V		
	RGBW 4in1 18*4W		RGBW W=2700-5000K				
1*55W - COB 1 LED		15° 25° 45° 60° 120°	2700-6500K	ON&OFF/DMX/ O-10V/Dali/PWM/ Triac (Built-in/External)	DC12V/24V AC100/220V AC100-220V		
	10° 15° 25° 45° 60° 120°						

Model	Power	System Lumen	Beam Angle	CCT	Dimming Tybe	IK	Input Volt
NLC-VAXXW-YYK	12-24W 12*1-2W	960LM	10° 15° 25° 45° 60° 120°	1700K-6500K R/G/B/O/Y/I/V	ON&OFF/DMX/ O-10V/Dali/PWM/ Triac (External)	IK08	DC24V
							AC100/220/100-240V
	RGB 3in1 12*3W	1280LM	15° 25° 45° 60° 120°	RGB	DMX512 Built-in DMX512 External single-point		DC24V
	RGBW 4in1 12*4W			RGBW W=2700-5000K			
	16-32W 16*1-2W		10° 15° 25° 45° 60° 120°	2700-6500K	ON&OFF/DMX/ O-10V/Dali/PWM/ Triac (External)		DC24V
					AC100/220/100-240V		
	RGB 3in1 12*3W	960LM	15° 25° 45° 60° 120°	RGB	DMX512 Built-in DMX512 External single-point		DC24V AC100/220/100-240V
	RGBW 4in1 12*4W			RGBW W=2700-5000K			
	25-50W 25*1-2W	2000LM	10° 15° 25° 45° 60° 120°	2700-6500K	ON&OFF/DMX/ O-10V/Dali/PWM/ Triac (External)		DC24V
							AC100/220/100-240V
	RGB 3in1 25*3W	2880LM	15° 25° 45° 60° 120°	RGB	DMX512 Built-in DMX512 External single-point		DC24V AC100/220/100-240V
	RGBW 4in1 25*4W			RGBW W=2700-5000K			
36-72W 36*1-2W	2880LM	10° 15° 25° 45° 60° 120°	2700-6500K	ON&OFF/DMX/ O-10V/Dali/PWM/ Triac (External)	DC24V		
					AC100/220/100-240V		
RGB 3in1 36*3W	2880LM	15° 25° 45° 60° 120°	RGB	DMX512 Built-in DMX512 External single-point	DC24V AC100/220/100-240V		
RGBW 4in1 36*4W			RGBW W=2700-5000K				

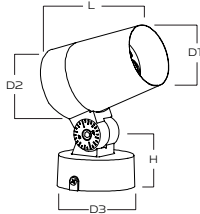
*Above values are calculated based on the product with CCT 3000K

*Values shown are subject to ±10% tolerance

• Drawing

NLC-VAXXW-YYK

D1 60 | D2 70 | D3 70 x L105 x H50mm



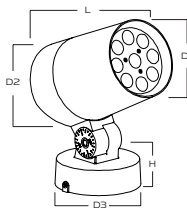
NLC-VAXXW-YYK

D1 80 | D2 90 | D3 95 x L135 x H57mm



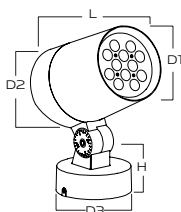
NLC-VAXXW-YYK

D1 100 | D2 110 | D3 105 x L155 x H57mm



NLC-VAXXW-YYK

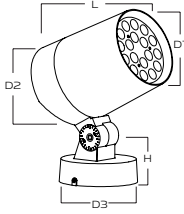
D1 120 | D2 130 | D3 120 x L175 x H80mm



• Drawing

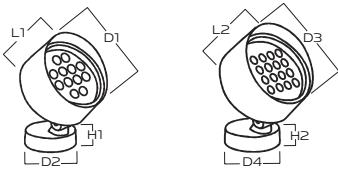
NLC-VAXXW-YYK

D1 140 | D2 150 | D3 140 x L200 x H80mm

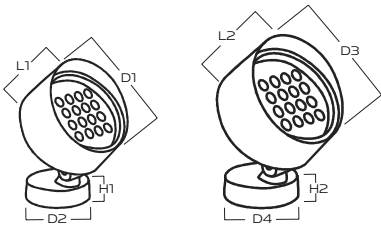


NLC-VAXXW-YYK

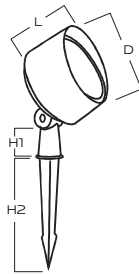
D1 132 | D2 95 | D3 160 | D4 120 x
L1 100 | L 2 115 x H1 100 | H2 100mm



D1 190 | D2 138 | D3 230 | D4 160 x
L1 130 | L 2 165 x H1 42 | H2 120mm



D160 x L115 x H1 70 | H2 260mm



• Accessories



Lens



Honeycomb



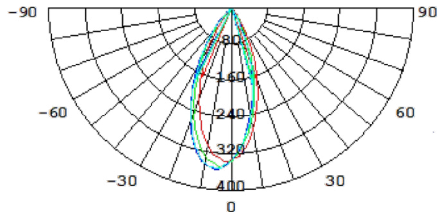
Anti-glare grille



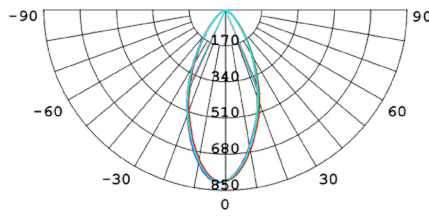
Anti-glare snoot

• LIGHT DISTRIBUTIONS CURVE

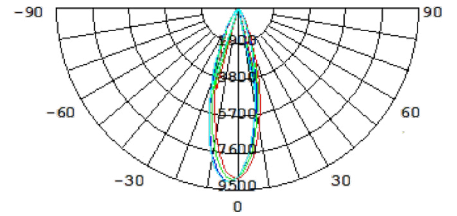
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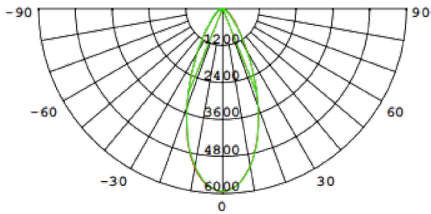
EMFL3135-00



EMFL3145-00



EMFL3163-00



• Certificates

