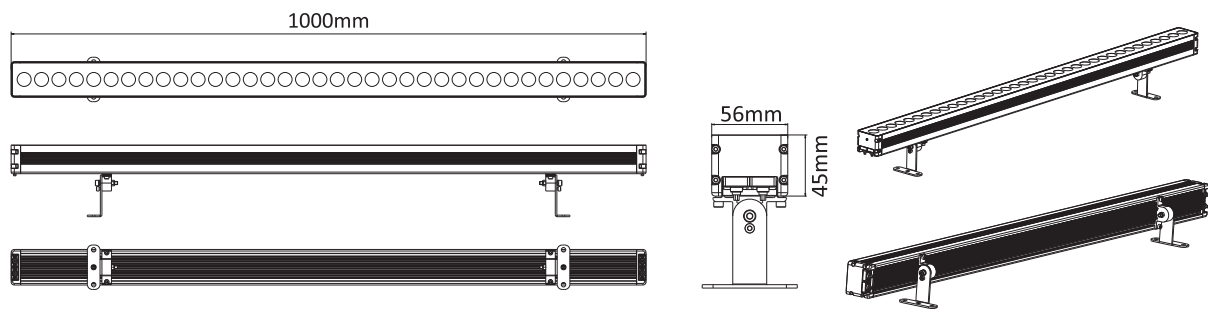




Dimensions



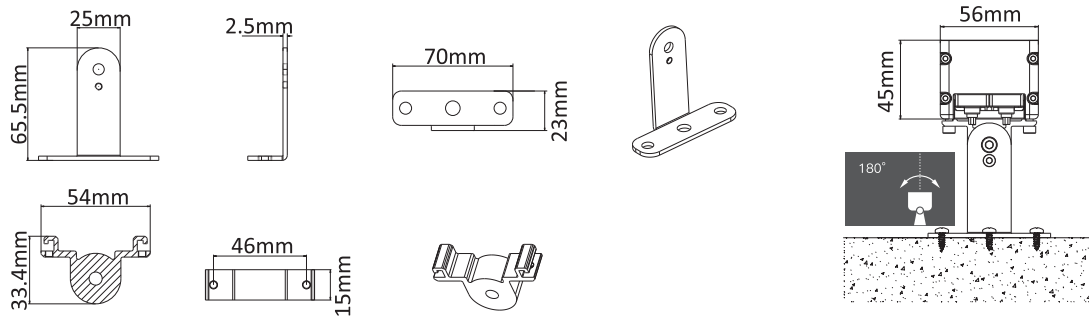
Specifications

Model Number		BW89900	BW89910	BW89920	BW89930	BW89940	BW89950
Input Voltage		DC24V			AC220V		
Power per Meter		72W	54W	57.6W	72W	54W	57.6W
LED Quantity per Meter		36pcs (2W)	36pcs (1.5W)	24pcs (2.4W)	36pcs (2W)	36pcs (1.5W)	24pcs (2.4W)
Luminous Efficacy		73.5lm/W	84.3lm/W	77.5lm/W	66.2lm/W	75.9lm/W	69.8lm/W
LED Type		CREE / OSRAM / LUMILEDS					
Light Output Angle		10°/15°/20°/30°/45°/60° /20°*40/10°*60°/15°*45°		3°	10°/15°/20°/30°/45°/60° /20°*40/10°*60°/15°*45°		3°
Operation Temperature		-40°C~50°C					
Storage Temperature		-20°C~60°C					
Waterproof Level		IP66					
Housing Material		Aluminum extrusion with powder coating and clear tempered glass cover with vacuum coating					
Finishing Color		Black / Silver / Gray					
Dimming Step		0~255 Steps (with high resolution of 65536 levels)					
Wiring		Waterproof multi-core cable and connector					
Dimension		1000*56*45mm					
Weight		2.8kg					
Pixel Quantity		1 pixel per fixture					
Control Signal		DMX512					
Lumen Output per Meter at Different Color	5000K	5292lm, Ra70	4554lm, Ra70	4460lm, Ra70	4763lm, Ra70	4097lm, Ra70	4018lm, Ra70
	4000K	5076lm, Ra80	4392lm, Ra80	4320lm, Ra80	4568lm, Ra80	3953lm, Ra80	3888lm, Ra80
	3000K	4680lm, Ra80	4050lm, Ra80	3984lm, Ra80	4212lm, Ra80	3645lm, Ra80	3586lm, Ra80
	2700K	4320lm, Ra80	3690lm, Ra80	3744lm, Ra80	3888lm, Ra80	3321lm, Ra80	3370lm, Ra80
	2500K	3600lm, Ra80	3240lm, Ra80	2880lm, Ra80	3240lm, Ra80	2916lm, Ra80	2592lm, Ra80
	Blue	1494lm	1341lm	1200lm	1345lm	1207lm	1080lm
	RGB 3in-1	2658lm	2331lm	2160lm	2392lm	2098lm	1944lm
	R-G-B-W	3321lm	2914lm	2736lm	2989lm	2647lm	2462lm
	(9R+9G+9B+9W)	(9R+9G+9B+9W)	(6R+6G+6B+6W)	(9R+9G+9B+9W)	(9R+9G+9B+9W)	(6R+6G+6B+6W)	

*1: 1 channel per pixel @single color / 3 channels per pixel @RGB 3-in-1 / 4 channels per pixel @R-G-B-W

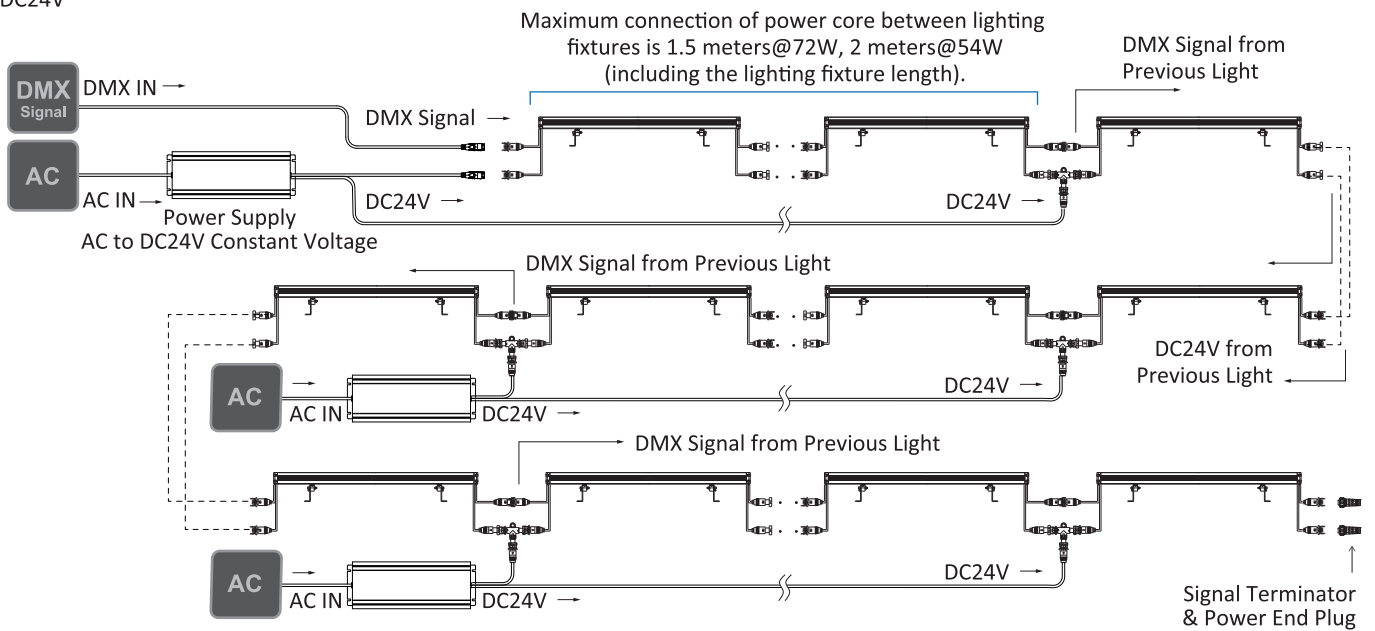
Accessories

■ BW899XX-ACC001 (Angle Adjustable Mount-kit)



Configuration

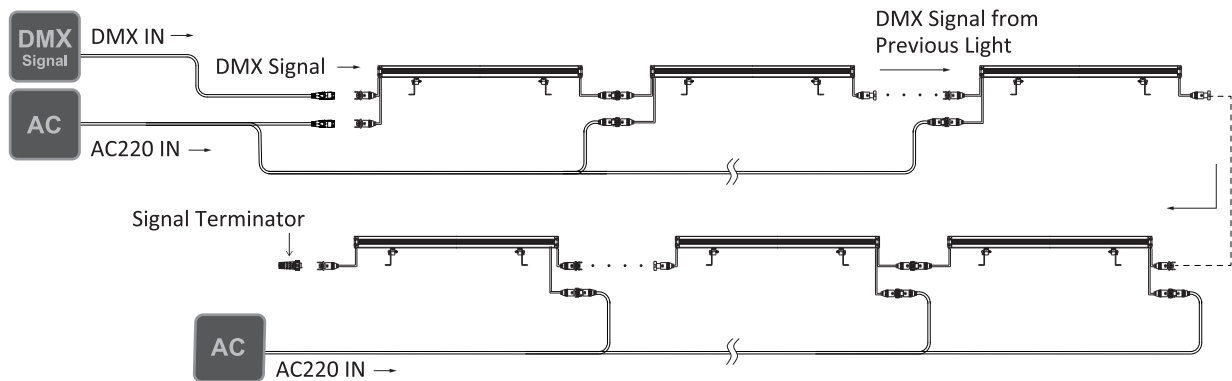
■ DC24V



1. Maximum lighting fixture's power core connection between BroadWasher c56 is 1.5 meters @72W, 2 meters @54W. Any power core connection exceed 1.5 meters @72W, 2 meters @54W will cause product failure and void the warranty.
2. A signal terminator and power end plug must be applied at the end of DMX512 loop for signal stabilization.
3. A standard DMX512 signal supports maximum 32 devices and 512 addresses in one signal loop. Extra DMX512 signal, repeater, splitter may be needed to keep the signal stable when user is constructing a large scale of DMX512 system.
4. In one DMX512 loop, distance from DMX512 signal source output point to the last lighting fixture signal terminator and power end plug should not exceed 80 meters. Extra DMX512 signal, repeater, splitter may be needed to strengthen the signal for long transmission distance.
5. Distance between lighting fixtures and DC power source is a critical issue, please control the distance and wiring system carefully to avoid voltage drop. Voltage drop may cause product failure and void the warranty.
6. If there is any uncertainty, please contact kalar@iotena.com for further information.

Configuration

■ AC220V

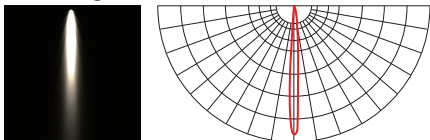


1. Please make sure that the AC power source is proper(voltage, current, frequency) to the lighting fixture's specification. Improper AC power source will cause product failure and void the warranty.
2. A signal end cap must be applied at the end of DMX512 loop for signal stabilization.
3. A standard DMX512 signal supports maximum 32 devices and 512 addresses in one signal loop. Extra DMX512 signal, repeater, splitter may be needed to keep the signal stable when user is constructing a large scale of DMX512 system.
4. In one DMX512 loop, distance from DMX512 signal source output point to the last lighting fixture signal end cap should not exceed 80 meters. Extra DMX512 signal, repeater, splitter may be needed to strengthen the signal for long transmission distance.
5. If there is any uncertainty, please contact kalar@iotena.com for further information.

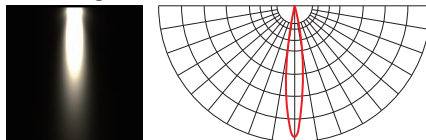
Optical Information

■ BW89900, BW89910, BW89930, BW89940

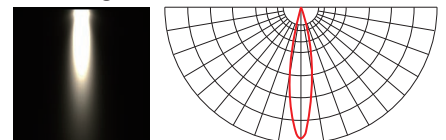
Beam Angle= 10°



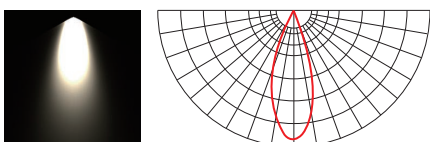
Beam Angle= 15°



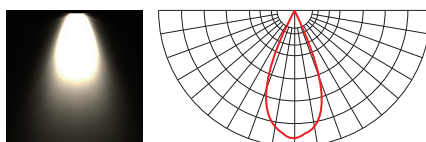
Beam Angle= 20°



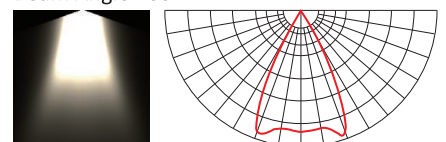
Beam Angle= 30°



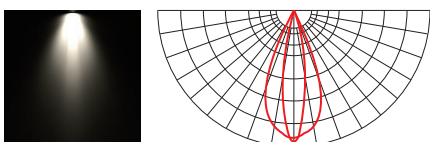
Beam Angle= 45°



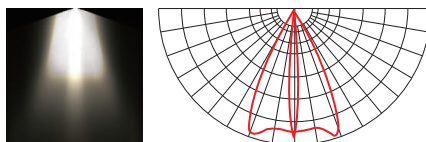
Beam Angle= 60°



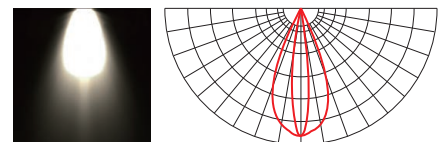
Beam Angle= 20° x 40°



Beam Angle= 10° x 60°

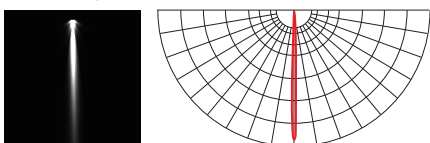


Beam Angle= 15° x 45°



■ BW89920, BW89930

Beam Angle= 3°



Part Number

BW89900 / BW89910 / BW89930 / BW89940 - C__ - F__ - A__

I II III

<div><div>I</div><div>To Define Color Temperature</div><div>C 2 5 = 2500K C 5 0 = 5000K</div><div>C 2 7 = 2700K C B L = Blue</div><div>C 3 0 = 3000K C R 3 = RGB 3-in-1</div><div>C 4 0 = 4000K C R W = R-G-B-W</div></div>	<div><div>III</div><div>To Define Output Beam Angle</div><div>A 0 0 1 0 = 10° A 0 0 4 5 = 45° A 1 5 4 5 = 15° x 45°</div><div>A 0 0 1 5 = 15° A 0 0 6 0 = 60°</div><div>A 0 0 2 0 = 20° A 2 0 4 0 = 20° x 40°</div><div>A 0 0 3 0 = 30° A 1 0 6 0 = 10° x 60°</div></div>
<div><div>II</div><div>To Define Finishing Color</div><div>F B L K = Black</div><div>F S L V = Silver</div><div>F G R A = Gray</div></div>	

BW89920 / BW89950 - C__ - F__

I II

<div><div>I</div><div>To Define Color Temperature</div><div>C 2 5 = 2500K C 5 0 = 5000K</div><div>C 2 7 = 2700K C B L = Blue</div><div>C 3 0 = 3000K C R 3 = RGB 3-in-1</div><div>C 4 0 = 4000K C R W = R-G-B-W</div></div>	<div><div>II</div><div>To Define Finishing Color</div><div>F B L K = Black</div><div>F S L V = Silver</div><div>F G R A = Gray</div></div>
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