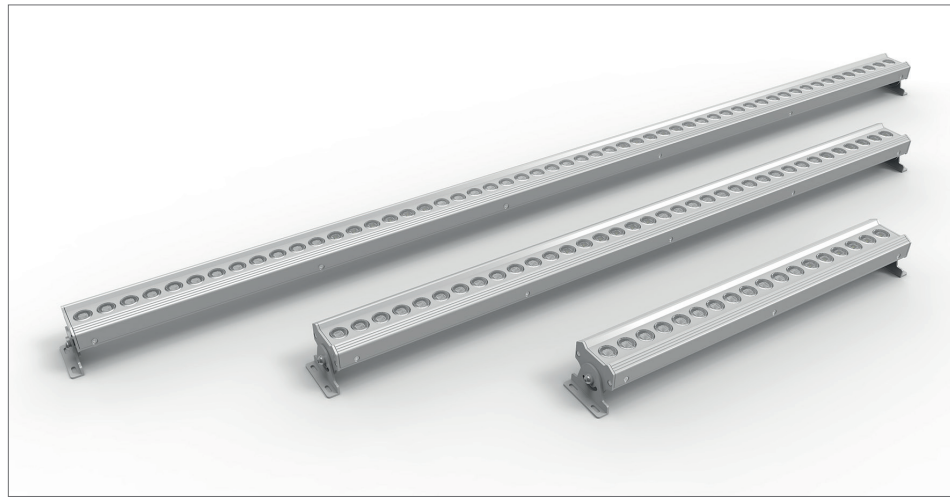


# B5C | B10C | B15C

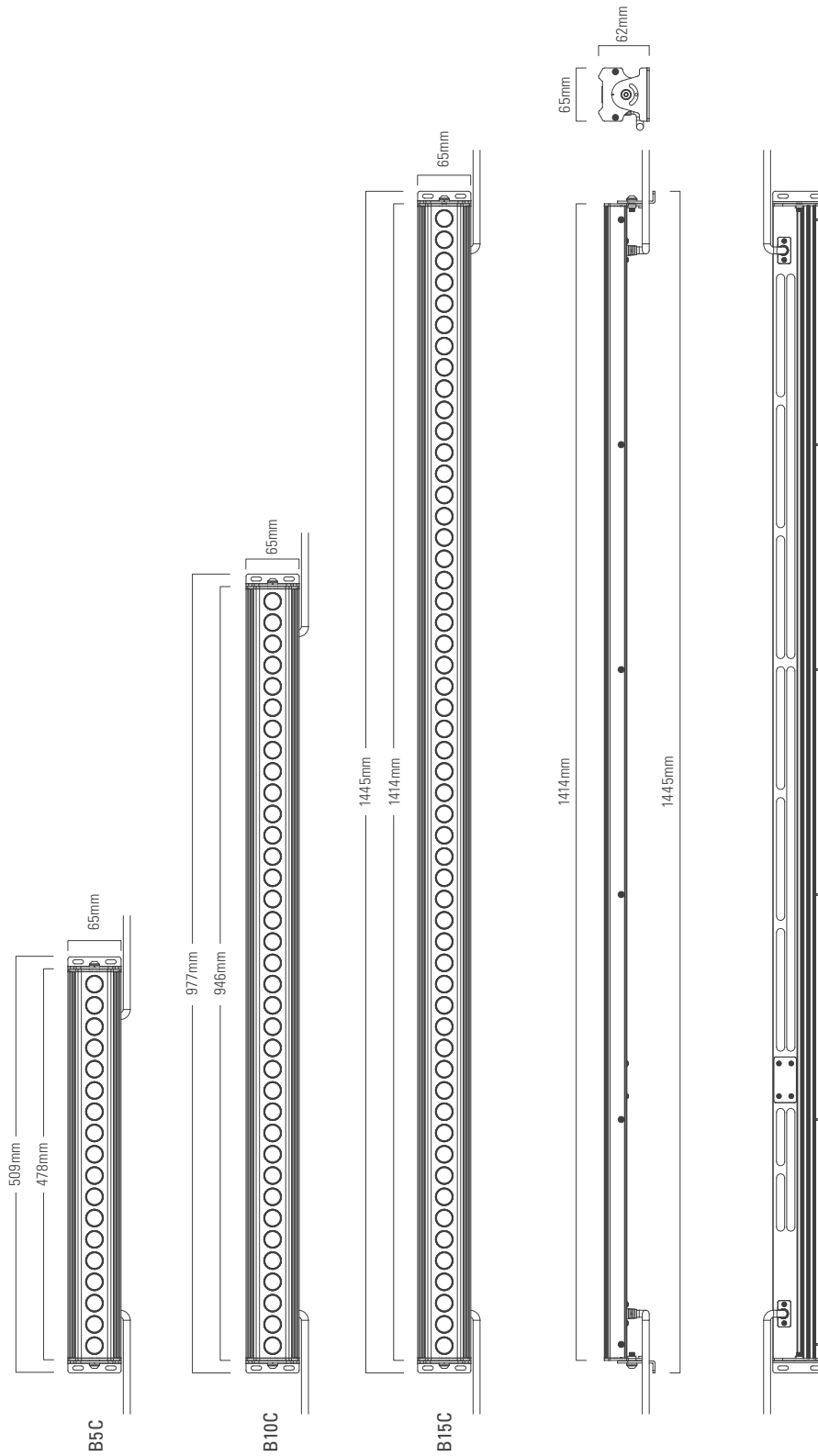


- Full color LED fixture for architectural illumination
- Extraordinary performance adopting high power LED
- LED Fixtures in different lengths
- Various beam angles

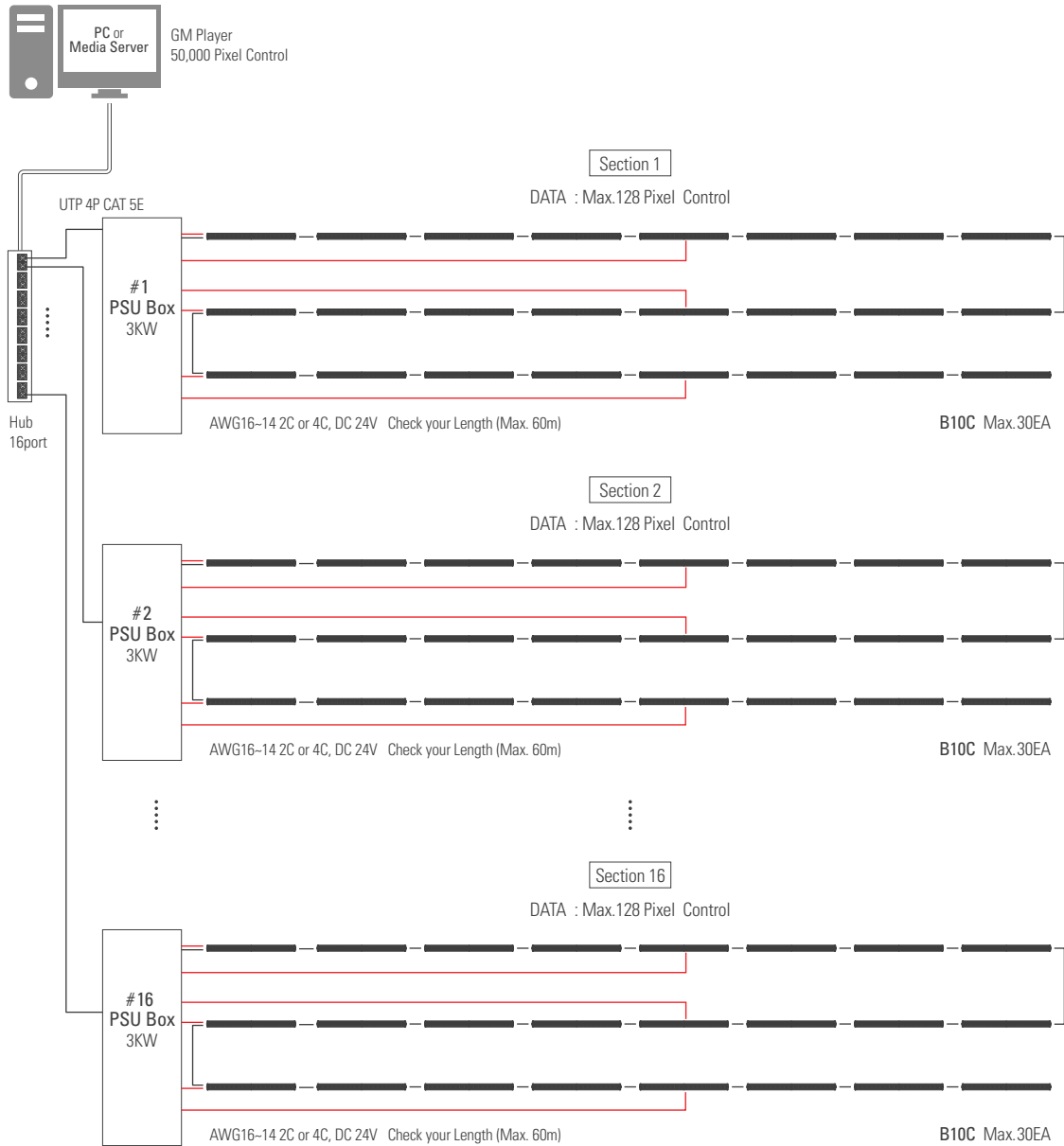


PRODUCT SPECIFICATIONS	B5C	B10C	B15C
LED Source	High Power LED R6, G6, B6	High Power LED R12, G12, B12	High Power LED R18, G18, B18
Size (W×D×H)	509mm x 65mm x 62mm	977mm x 65mm x 62mm	1,445mm x 65mm x 62mm
Material	Aluminum Body & PC Lens-Cover		
Weight	1.5 kg (3.3 lbs) ± 5%	2.5 kg (5.5 lbs) ± 5%	3.8 kg (8.37 lbs) ± 5%
Power Consumption	Max. 30W	Max. 60W	Max. 90W
Brightness	840 lm (10°)	1,660 lm (10°)	2,530 lm (10°)
Beam Angle	10°, 20°, 30°, 40° x 10°		
Color Process	3 x 16 bit (Gamma Correction)		
Operating Voltage	24V DC		
Addressing	Manual Address Setting		
Protection	IP66		
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F)		
Storage Temperature	-40°C ~ 80°C (-40°F ~ 176°F)		

SYSTEM SPECIFICATIONS	B5C	B10C	B15C
Maximum Bar Connection	8 EA	4 EA	2 EA



## SYSTEM BLOCK DIAGRAM



## PHOTOMETRICS

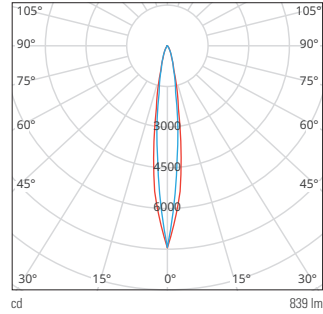
### GH-30BFO-8 (B5C\_RGB\_10D)

High Power LED×18(R6, G6, B6)

Color	White	Red	Green	Blue
Lumens	839	287	434	132

#### Polar LDC

Measured on white



cd 839 lm  
—C0-C180 —C90-C270

#### Illuminance at distance

Measured on white

Distance [m]	Cone Diameter [m]	Beam	E(0°)	E(C90)	E(C0)
0.50	0.10	C0-C180 (Beam Angle: 15.4°)	29821	5.8°	14796
	0.14		7.7°	14563	
1.0	0.20	C90-C270 (Beam Angle: 11.6°)	7455	5.8°	3699
	0.27		7.7°	3641	
1.5	0.30	C0-C180 (Beam Angle: 15.4°)	3313	5.8°	1644
	0.41		7.7°	1618	
2.0	0.41	C90-C270 (Beam Angle: 11.6°)	1864	5.8°	925
	0.54		7.7°	910	
2.5	0.51	C0-C180 (Beam Angle: 15.4°)	1193	5.8°	592
	0.68		7.7°	583	
3.0	0.61	C90-C270 (Beam Angle: 11.6°)	828	5.8°	411
	0.81		7.7°	405	

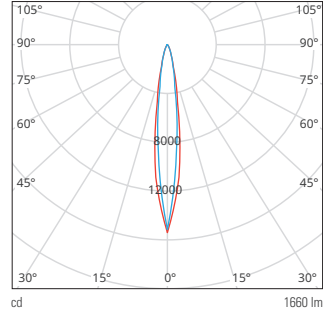
Distance [m] Cone Diameter [m] Illuminance [lx]  
—C0-C180 (Beam Angle: 15.4°) —C90-C270 (Beam Angle: 11.6°)

### GH-60BFO-3 (B10C\_RGB\_10D)

High Power LED×36(R12, G12, B12)

Color	White	Red	Green	Blue
Lumens	1660	567	888	264

Measured on white



cd 1660 lm  
—C0-C180 —C90-C270

Measured on white

Distance [m]	Cone Diameter [m]	Beam	E(0°)	E(C90)	E(C0)
2.0	0.41	C0-C180 (Beam Angle: 15.2°)	3852	5.9°	1888
	0.53		7.6°	1877	
4.0	0.83	C90-C270 (Beam Angle: 11.8°)	963	5.9°	472
	1.1		7.6°	469	
6.0	1.2	C0-C180 (Beam Angle: 15.2°)	428	5.9°	210
	1.6		7.6°	209	
8.0	1.7	C90-C270 (Beam Angle: 11.8°)	241	5.9°	118
	2.1		7.6°	117	
10	2.1	C0-C180 (Beam Angle: 15.2°)	154	5.9°	76
	2.7		7.6°	75	

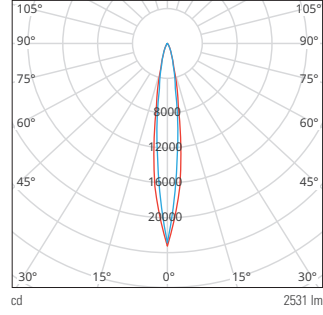
Distance [m] Cone Diameter [m] Illuminance [lx]  
—C0-C180 (Beam Angle: 15.2°) —C90-C270 (Beam Angle: 11.8°)

### GH-90BFO-1 (B15C\_RGB\_10D)

High Power LED×54(R18, G18, B18)

Color	White	Red	Green	Blue
Lumens	2531	858	1298	394

Measured on white



cd 2531 lm  
—C0-C180 —C90-C270

Measured on white

Distance [m]	Cone Diameter [m]	Beam	E(0°)	E(C90)	E(C0)
2.0	0.41	C0-C180 (Beam Angle: 15.2°)	5813	5.9°	2850
	0.53		7.6°	2833	
4.0	0.83	C90-C270 (Beam Angle: 11.8°)	1453	5.9°	712
	1.1		7.6°	708	
6.0	1.2	C0-C180 (Beam Angle: 15.2°)	646	5.9°	317
	1.6		7.6°	315	
8.0	1.7	C90-C270 (Beam Angle: 11.8°)	363	5.9°	178
	2.1		7.6°	177	
10	2.1	C0-C180 (Beam Angle: 15.2°)	233	5.9°	114
	2.7		7.6°	113	

Distance [m] Cone Diameter [m] Illuminance [lx]  
—C0-C180 (Beam Angle: 15.2°) —C90-C270 (Beam Angle: 11.8°)