

MB-BL

The MetaBright Series is a high performance and uniform light source for silhouetting and transmissive applications. Using a full array LED layout, we can pack more LEDs per square inch to provide greater intensity, uniformity and performance. The MetaBright Backlight Series is available with a wide variety of LED colors and sizes including White, Red, Green, Blue, IR, UVS, UVL and RGB with independent color control.



FEATURES

- Low-profile backlight for applications with strict spatial limitations
- Streamline design allows for maximum active area
- Edge to edge backlight (full array of LEDs)
- Very high intensity with $\pm 5\%$ uniformity
- High Density Precision Chip Technology (HDPCT)
- Custom sizes available
- Optional Constant Current driver with 0-10VDC intensity control (-Z option)
- Flicker free performance and instant start up with Metaphase analog driver technology

WAVELENGTHS

Order ID	Description / nanometers
W	White (6000K), Nominal
R	Red / 630nm
G	Green / 530nm
B	Blue / 470nm
IR850	Infrared / 850nm
IR880	Infrared / 880nm
IR940	Infrared / 940nm
UV365	Ultraviolet Short / 365nm
UV395	Ultraviolet Long / 395nm
RGB	Red-Green-Blue

GENERAL SPECIFICATIONS

Power Source:	24VDC $\pm 5\%$
Cable (Standard):	10-foot cable with flying leads
Housing:	Black Anodized Aluminum
Ambient Temp:	-20°C to 40°C
Lifetime Expectancy:	75,000 hours (except UV)

For other IR wavelengths, see our SWIR Backlights

MB-BL

MetaBright Area Backlights										
MODEL*	Overall Width and Length Inches (cm)	Height Inches (cm)	Active Area Inches (cm)	Weight lbs (kg)	Cable QTY	Cable Length	AWG/ Conductors	Typical Current (Amps)		
								White	IR, UVS, UVL	
MB-BL105 (1x1)	1.90 x 2.50 (4.83 x 6.35)	.70 (1.79)	1.00 x 1.00 (2.54 x 2.54)	.15 (.068)	1	10ft	24/4	0.1	0.1	
MB-BL205 (2x2)	3.00 x 3.75 (7.62 x 9.52)	.77 (1.96)	1.97 x 1.97 (5.00 x 5.00)	.34 (.154)				0.2	0.2	
MB-BL305 (2x4)	3.75 x 5.75 (9.52 x 14.60)	.74 (1.88)	1.97 x 3.94 (5.00 x 10.0)	.65 (.295)				0.5	0.6	
MB-BL4x4 (4x4)	6.16 x 6.95 (15.65 x 17.65)	.82 (2.08)	4.00 x 4.00 (10.16 x 10.16)	1.3 (.590)				0.5	0.6	
MB-BL410 (5x5)	6.16 x 6.95 (15.65 x 17.65)	.83 (2.10)	5.00 x 5.00 (12.70 x 12.70)	1.4 (.635)				0.6	0.8	
MB-BL510 (5x10)	7.25 x 13.00 (18.42 x 33.02)	.82 (2.07)	5.00 x 10.0 (12.70 x 25.40)	2.8 (1.27)				1.1	1.3	
MB-BL5x17	7.00 x 20.88 (17.78 x 53.02)	.94 (2.40)	5.00 x 17.00 (12.70 x 43.18)	4.4 (2.00)				1.7	2.0	
MB-BL5x20	7.25 x 23.93 (18.42 x 60.78)	.94 (2.40)	5.00 x 20.00 (12.70 x 50.80)	5.2 (2.36)				1.8	2.0	
MB-BL5x35	7.00 x 36.00 (17.78 x 91.44)	1.40 (3.56)	5.12 x 35.00 (13.02 x 88.90)	7.6 (3.45)				3.1	3.5	
MB-BL6x4 (4x6)	5.41 x 8.65 (13.74 x 21.97)	.83 (2.10)	4.00 x 6.00 (10.16 x 15.24)	1.4 (.635)			24/4	0.6	0.8	
MB-BL6x6	7.41 x 8.65 (18.82 x 21.97)	.83 (2.10)	6.00 x 6.00 (15.24 x 15.24)	1.7 (.771)				0.7	0.9	
MB-BL6x10	7.62 x 13.63 (19.36 x 34.62)	.78 (1.98)	6.50 x 10.00 (16.51 x 25.40)	3.1 (1.41)				1.5	1.8	
MB-BL6x12	7.50 x 15.43 (19.05 x 39.18)	.81 (2.07)	6.00 x 12.00 (15.24 x 30.48)	3.5 (1.59)				1.5	1.8	
MB-BL6x20	7.50 x 23.86 (19.05 x 60.59)	.94 (2.38)	6.00 x 20.00 (15.24 x 50.80)	5.2 (2.36)				2.2	2.5	
MB-BL8x32	13.60 x 37.48 (34.54 x 95.19)	1.01 (2.56)	8.38 x 32.25 (15.24 x 30.48)	17.7 (8.00)				4.0	4.5	
MB-BL610 (10x10)	13.00 x 13.17 (33.02 x 33.45)	.81 (2.06)	10.00 x 10.00 (25.40 x 25.40)	4.8 (2.18)				18/6	2.4	3.0
MB-BL10x12	13.18 x 15.00 (33.46 x 38.10)	.81 (2.07)	10.00 x 12.00 (25.40 x 30.48)	6.1 (2.77)					2.7	3.2
MB-BL10x16	15.22 x 21.22 (38.66 x 53.90)	1.01 (2.56)	10.00 x 16.00 (25.40 x 40.64)	10.6 (4.81)					3.2	3.6
MB-BL10x20	15.22 x 25.22 (38.66 x 64.06)	1.01 (2.56)	10.00 x 20.00 (25.40 x 50.80)	12.3 (5.58)			3.4		3.8	
MB-BL10x52	11.00 x 53.75 (27.94 x 136.5)	1.12 (2.84)	10.00 x 51.75 (25.40 x 131.4)	19.0 (8.60)			4.3		5.0	
MB-BL12x12	14.88 x 15.00 (37.78 x 38.10)	.88 (2.22)	12.00 x 12.00 (30.48 x 30.48)	7.1 (3.22)			18/4		2.7	3.2

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MetaBright Area Backlights									
MODEL*	Overall Width and Length Inches (cm)	Height Inches (cm)	Active Area Inches (cm)	Weight lbs (kg)	Cable QTY	Cable Length	AWG/ Conductors	Typical Current (Amps)	
								White	IR, UVS, UVL
MB-BL15x15	17.88 x 18.00 (45.40 x 45.72)	.88 (2.22)	15.00 x 15.00 (38.10 x 38.10)	9.7 (4.40)	1	10ft	18/6	4.5	5.1
MB-BL15x20	20.23 x 25.23 (51.38 x 64.08)	.95 (2.40)	15.00 x 20.00 (38.10 x 50.80)	15.3 (6.94)				5.9	6.9
MB-BL18x18	23.23 x 24.13 (59.00 x 61.28)	1.03 (2.61)	18.00 x 18.00 (45.72 x 45.72)	16.8 (7.62)				6.7	7.4
MB-BL20x25	24.75 x 29.75 (62.86 x 75.56)	1.25 (3.18)	20.00 x 25.00 (50.80 x 63.50)	22.0 (10.0)				7.6	8.5
MB-BL20x30	24.75 x 34.75 (62.86 x 88.26)	1.25 (3.18)	20.00 x 30.00 (50.80 x 76.20)	26.0 (11.8)				9.2	10.6

*Custom sizes and configurations available

MB-BL

Wiring (4 conductors, flying leads)**	
Wire Color	Function
RED	+24VDC
WHITE	0-10VDC INTENSITY CONTROL
BLACK	GROUND (24V RTN)
GREEN	SIGNAL GROUND

Wiring (4 conductors, without Intensity Control)	
Wire Color	Function
RED	+24VDC
WHITE	+24VDC
BLACK	GROUND (24V RTN)
GREEN	GROUND (24V RTN)

Wiring (6 conductors, flying leads)**	
Wire Color	Function
RED, BROWN	+24VDC
YELLOW	SIGNAL GROUND
BLACK, BLUE	GROUND (24V RTN)
ORANGE	0-10VDC INTENSITY CONTROL

When not using Intensity Control, connect the 0-10V control line to +24VDC and connect Signal Ground to Ground (24V RTN)

Wiring (6 conductors, without Intensity Control)	
Wire Color	Function
RED	+24VDC
BROWN	+24VDC
ORANGE	+24VDC
BLACK	GROUND (24V RTN)
BLUE	GROUND (24V RTN)
YELLOW	GROUND (24V RTN)

M12 (5 position male)**	
Pin #	Function
1	+24VDC
2	0-10VDC Intensity Control
3	GROUND (24V RTN)
4	SIGNAL GROUND
5	No Connection

The M12 connector option is not recommended for lights rated more than 4 amps

Wiring with ULC-2	
Wire Color	Function
RED, WHITE (+)	LED INPUT
BLACK, GREEN (-)	

Terminated within a 2 position ULC-2 output connector (Phoenix Contact P/N: BCP-508-2)

**Note: The 0-10VDC Intensity Control input can accept voltages from 0-24VDC where the light will operate at full intensity in the 10-24VDC range. The light is proportionally dimmer for any Intensity Control voltage less than 10VDC and the light is OFF at approximately 0V or not connected (floating).

MB-BL

PART NUMBER KEY									
MODEL	LENGTH ID (inches)	-	WAVELENGTH	-	DRIVER* (most common)	-	CABLE LENGTH	-	CONN.** (most common)
MB-BL	XXXX	-	XXXXX	-	XXX-XXXXXX	-	XXX	-	XXXX
MB-BL	1x1 to 20x30 (See above chart)		W (White 6000K, Nominal) R (Red 630nm) G (Green 530nm) B (Blue 470nm) IR850 (Infrared 850nm) IR880 (Infrared 880nm) IR940 (Infrared 940nm) UV365 (UV Long 365nm) UV395 (UV Long 395nm) RGB (Red-Green-Blue)		24CV 24Z 24-ILZ 24-ILSXXX 24-ILD U¹ 24-ILZ3 24-ILD3 XXX=rate in μs Example: 250		5M 10M Length can be customized: ex.7M=7meters Select or leave blank for 3 meters		M12D^{1 2} BC^{1 3} Select or leave blank for flying leads
Example 1: MB-BL4x4-W-24CV Example 2: MB-BL12x12-R-24Z					¹ Not available in lights exceeding 4A input current ² Default cable length for an M12D connector is 19 inches ³ Default cable length for a Barrel Connector is 10 feet				

Contact Metaphase Technologies or your local representative for options such as custom diffusers, lenses, polarizers, IP-rated enclosures for harsh environments, higher intensity, custom wavelengths, higher uniformity, etc. Not all options are available for all lights.

[Link to *Driver Options Key / **Connector Options Key](#)

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Sample Model Number: **MB-BL6x12-W-24CV**

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REDRAWN IN SOLIDWORKS, KW	9/22/2011	
	B	REFORMATTED	10/14/2016	

Metaphase Technologies, Inc. 211 Sinclair Road, Suite 100, Bristol, PA. 19007 215-639-8699 Fax 215-639-0977			
QUANTITY: Per order	TOLERANCE/FINISH UNLESS OTHERWISE SPECIFIED	THIS DOCUMENT IS THE PROPERTY OF METAPHASE TECHNOLOGIES, INC. WHOM MAY LOAN IT. SUBJECT TO RETURN UPON DEMAND. IT INCLUDES CONFIDENTIAL & PROPRIETARY INFORMATION WHICH MAY NOT BE DISCLOSED TO ANY THIRD PARTY, AND ORLSES FOR ANY PURPOSE CONTRARY TO ITS INTENDED USE. WITHOUT THE EXPRESSED PRIOR WRITTEN CONSENT OF METAPHASE TECHNOLOGIES, INC.	
MATERIAL: Per BOM	INCHES (MM)		
FINISH: Black Anodize	.125 (3.18) ±.005 .005 (0.13) ±.005 .010 (0.25) ±.005 .015 (0.38) ±.005 .020 (0.51) ±.005 .030 (0.76) ±.005 .040 (1.02) ±.005 .050 (1.27) ±.005 .060 (1.52) ±.005 .070 (1.78) ±.005 .080 (2.03) ±.005 .100 (2.54) ±.005 .125 (3.18) ±.005 .150 (3.81) ±.005 .175 (4.43) ±.005 .200 (5.08) ±.005 .250 (6.35) ±.005 .300 (7.62) ±.005 .375 (9.53) ±.005 .450 (11.43) ±.005 .500 (12.70) ±.005 .625 (15.88) ±.005 .750 (19.05) ±.005 .875 (22.23) ±.005 1.000 (25.40) ±.005 1.250 (31.75) ±.005 1.500 (38.10) ±.005 1.750 (44.45) ±.005 2.000 (50.80) ±.005 2.250 (57.15) ±.005 2.500 (63.50) ±.005 2.750 (69.85) ±.005 3.000 (76.20) ±.005 3.250 (82.55) ±.005 3.500 (88.90) ±.005 3.750 (95.25) ±.005 4.000 (101.60) ±.005 4.250 (107.95) ±.005 4.500 (114.30) ±.005 4.750 (120.65) ±.005 5.000 (127.00) ±.005 5.250 (133.35) ±.005 5.500 (139.70) ±.005 5.750 (146.05) ±.005 6.000 (152.40) ±.005 6.250 (158.75) ±.005 6.500 (165.10) ±.005 6.750 (171.45) ±.005 7.000 (177.80) ±.005 7.250 (184.15) ±.005 7.500 (190.50) ±.005 7.750 (196.85) ±.005 8.000 (203.20) ±.005 8.250 (209.55) ±.005 8.500 (215.90) ±.005 8.750 (222.25) ±.005 9.000 (228.60) ±.005 9.250 (234.95) ±.005 9.500 (241.30) ±.005 9.750 (247.65) ±.005 10.000 (254.00) ±.005 10.250 (260.35) ±.005 10.500 (266.70) ±.005 10.750 (273.05) ±.005 11.000 (279.40) ±.005 11.250 (285.75) ±.005 11.500 (292.10) ±.005 11.750 (298.45) ±.005 12.000 (304.80) ±.005 12.250 (311.15) ±.005 12.500 (317.50) ±.005 12.750 (323.85) ±.005 13.000 (330.20) ±.005 13.250 (336.55) ±.005 13.500 (342.90) ±.005 13.750 (349.25) ±.005 14.000 (355.60) ±.005 14.250 (361.95) ±.005 14.500 (368.30) ±.005 14.750 (374.65) ±.005 15.000 (381.00) ±.005 15.250 (387.35) ±.005 15.500 (393.70) ±.005 15.750 (399.95) ±.005 16.000 (406.40) ±.005 16.250 (412.75) ±.005 16.500 (419.10) ±.005 16.750 (425.45) ±.005 17.000 (431.80) ±.005 17.250 (438.15) ±.005 17.500 (444.50) ±.005 17.750 (450.85) ±.005 18.000 (457.20) ±.005 18.250 (463.55) ±.005 18.500 (469.90) ±.005 18.750 (476.25) ±.005 19.000 (482.60) ±.005 19.250 (488.95) ±.005 19.500 (495.30) ±.005 19.750 (501.65) ±.005 20.000 (508.00) ±.005 20.250 (514.35) ±.005 20.500 (520.70) ±.005 20.750 (527.05) ±.005 21.000 (533.40) ±.005 21.250 (539.75) ±.005 21.500 (546.10) ±.005 21.750 (552.45) ±.005 22.000 (558.80) ±.005 22.250 (565.15) ±.005 22.500 (571.50) ±.005 22.750 (577.85) ±.005 23.000 (584.20) ±.005 23.250 (590.55) ±.005 23.500 (596.90) ±.005 23.750 (603.25) ±.005 24.000 (609.60) ±.005 24.250 (615.95) ±.005 24.500 (622.30) ±.005 24.750 (628.65) ±.005 25.000 (635.00) ±.005 25.250 (641.35) ±.005 25.500 (647.70) ±.005 25.750 (654.05) ±.005 26.000 (660.40) ±.005 26.250 (666.75) ±.005 26.500 (673.10) ±.005 26.750 (679.45) ±.005 27.000 (685.80) ±.005 27.250 (692.15) ±.005 27.500 (698.50) ±.005 27.750 (704.85) ±.005 28.000 (711.20) ±.005 28.250 (717.55) ±.005 28.500 (723.90) ±.005 28.750 (730.25) ±.005 29.000 (736.60) ±.005 29.250 (742.95) ±.005 29.500 (749.30) ±.005 29.750 (755.65) ±.005 30.000 (762.00) ±.005 30.250 (768.35) ±.005 30.500 (774.70) ±.005 30.750 (781.05) ±.005 31.000 (787.40) ±.005 31.250 (793.75) ±.005 31.500 (800.10) ±.005 31.750 (806.45) ±.005 32.000 (812.80) ±.005 32.250 (819.15) ±.005 32.500 (825.50) ±.005 32.750 (831.85) ±.005 33.000 (838.20) ±.005 33.250 (844.55) ±.005 33.500 (850.90) ±.005 33.750 (857.25) ±.005 34.000 (863.60) ±.005 34.250 (869.95) ±.005 34.500 (876.30) ±.005 34.750 (882.65) ±.005 35.000 (889.00) ±.005 35.250 (895.35) ±.005 35.500 (901.70) ±.005 35.750 (908.05) ±.005 36.000 (914.40) ±.005 36.250 (920.75) ±.005 36.500 (927.10) ±.005 36.750 (933.45) ±.005 37.000 (939.80) ±.005 37.250 (946.15) ±.005 37.500 (952.50) ±.005 37.750 (958.85) ±.005 38.000 (965.20) ±.005 38.250 (971.55) ±.005 38.500 (977.90) ±.005 38.750 (984.25) ±.005 39.000 (990.60) ±.005 39.250 (996.95) ±.005 39.500 (1003.30) ±.005 39.750 (1009.65) ±.005 40.000 (1016.00) ±.005 40.250 (1022.35) ±.005 40.500 (1028.70) ±.005 40.750 (1035.05) ±.005 41.000 (1041.40) ±.005 41.250 (1047.75) ±.005 41.500 (1054.10) ±.005 41.750 (1060.45) ±.005 42.000 (1066.80) ±.005 42.250 (1073.15) ±.005 42.500 (1079.50) ±.005 42.750 (1085.85) ±.005 43.000 (1092.20) ±.005 43.250 (1098.55) ±.005 43.500 (1104.90) ±.005 43.750 (1111.25) ±.005 44.000 (1117.60) ±.005 44.250 (1123.95) ±.005 44.500 (1130.30) ±.005 44.750 (1136.65) ±.005 45.000 (1143.00) ±.005 45.250 (1149.35) ±.005 45.500 (1155.70) ±.005 45.750 (1162.05) ±.005 46.000 (1168.40) ±.005 46.250 (1174.75) ±.005 46.500 (1181.10) ±.005 46.750 (1187.45) ±.005 47.000 (1193.80) ±.005 47.250 (1200.15) ±.005 47.500 (1206.50) ±.005 47.750 (1212.85) ±.005 48.000 (1219.20) ±.005 48.250 (1225.55) ±.005 48.500 (1231.90) ±.005 48.750 (1238.25) ±.005 49.000 (1244.60) ±.005 49.250 (1250.95) ±.005 49.500 (1257.30) ±.005 49.750 (1263.65) ±.005 50.000 (1270.00) ±.005 50.250 (1276.35) ±.005 50.500 (1282.70) ±.005 50.750 (1289.05) ±.005 51.000 (1295.40) ±.005 51.250 (1301.75) ±.005 51.500 (1308.10) ±.005 51.750 (1314.45) ±.005 52.000 (1320.80) ±.005 52.250 (1327.15) ±.005 52.500 (1333.50) ±.005 52.750 (1339.85) ±.005 53.000 (1346.20) ±.005 53.250 (1352.55) ±.005 53.500 (1358.90) ±.005 53.750 (1365.25) ±.005 54.000 (1371.60) ±.005 54.250 (1377.95) ±.005 54.500 (1384.30) ±.005 54.750 (1390.65) ±.005 55.000 (1397.00) ±.005 55.250 (1403.35) ±.005 55.500 (1409.70) ±.005 55.750 (1416.05) ±.005 56.000 (1422.40) ±.005 56.250 (1428.75) ±.005 56.500 (1435.10) ±.005 56.750 (1441.45) ±.005 57.000 (1447.80) ±.005 57.250 (1454.15) ±.005 57.500 (1460.50) ±.005 57.750 (1466.85) ±.005 58.000 (1473.20) ±.005 58.250 (1479.55) ±.005 58.500 (1485.90) ±.005 58.750 (1492.25) ±.005 59.000 (1498.60) ±.005 59.250 (1504.95) ±.005 59.500 (1511.30) ±.005 59.750 (1517.65) ±.005 60.000 (1524.00) ±.005 60.250 (1530.35) ±.005 60.500 (1536.70) ±.005 60.750 (1543.05) ±.005 61.000 (1549.40) ±.005 61.250 (1555.75) ±.005 61.500 (1562.10) ±.005 61.750 (1568.45) ±.005 62.000 (1574.80) ±.005 62.250 (1581.15) ±.005 62.500 (1587.50) ±.005 62.750 (1593.85) ±.005 63.000 (1600.20) ±.005 63.250 (1606.55) ±.005 63.500 (1612.90) ±.005 63.750 (1619.25) ±.005 64.000 (1625.60) ±.005 64.250 (1631.95) ±.005 64.500 (1638.30) ±.005 64.750 (1644.65) ±.005 65.000 (1651.00) ±.005 65.250 (1657.35) ±.005 65.500 (1663.70) ±.005 65.750 (1670.05) ±.005 66.000 (1676.40) ±.005 66.250 (1682.75) ±.005 66.500 (1689.10) ±.005 66.750 (1695.45) ±.005 67.000 (1701.80) ±.005 67.250 (1708.15) ±.005 67.500 (1714.50) ±.005 67.750 (1720.85) ±.005 68.000 (1727.20) ±.005 68.250 (1733.55) ±.005 68.500 (1739.90) ±.005 68.750 (1746.25) ±.005 69.000 (1752.60) ±.005 69.250 (1758.95) ±.005 69.500 (1765.30) ±.005 69.750 (1771.65) ±.005 70.000 (1778.00) ±.005 70.250 (1784.35) ±.005 70.500 (1790.70) ±.005 70.750 (1797.05) ±.005 71.000 (1803.40) ±.005 71.250 (1809.75) ±.005 71.500 (1816.10) ±.005 71.750 (1822.45) ±.005 72.000 (1828.80) ±.005 72.250 (1835.15) ±.005 72.500 (1841.50) ±.005 72.750 (1847.85) ±.005 73.000 (1854.20) ±.005 73.250 (1860.55) ±.005 73.500 (1866.90) ±.005 73.750 (1873.25) ±.005 74.000 (1879.60) ±.005 74.250 (1885.95) ±.005 74.500 (1892.30) ±.005 74.750 (1898.65) ±.005 75.000 (1905.00) ±.005 75.250 (1911.35) ±.005 75.500 (1917.70) ±.005 75.750 (1924.05) ±.005 76.000 (1930.40) ±.005 76.250 (1936.75) ±.005 76.500 (1943.10) ±.005 76.750 (1949.45) ±.005 77.000 (1955.80) ±.005 77.250 (1962.15) ±.005 77.500 (1968.50) ±.005 77.750 (1974.85) ±.005 78.000 (1981.20) ±.005 78.250 (1987.55) ±.005 78.500 (1993.90) ±.005 78.750 (2000.25) ±.005 79.000 (2006.60) ±.005 79.250 (2012.95) ±.005 79.500 (2019.30) ±.005 79.750 (2025.65) ±.005 80.000 (2032.00) ±.005 80.250 (2038.35) ±.005 80.500 (2044.70) ±.005 80.750 (2051.05) ±.005 81.000 (2057.40) ±.005 81.250 (2063.75) ±.005 81.500 (2070.10) ±.005 81.750 (2076.45) ±.005 82.000 (2082.80) ±.005 82.250 (2089.15) ±.005 82.500 (2095.50) ±.005 82.750 (2101.85) ±.005 83.000 (2108.20) ±.005 83.250 (2114.55) ±.005 83.500 (2120.90) ±.005 83.750 (2127.25) ±.005 84.000 (2133.60) ±.005 84.250 (2139.95) ±.005 84.500 (2146.30) ±.005 84.750 (2152.65) ±.005 85.000 (2159.00) ±.005 85.250 (2165.35) ±.005 85.500 (2171.70) ±.005 85.750 (2178.05) ±.005 86.000 (2184.40) ±.005 86.250 (2190.75) ±.005 86.500 (2197.10) ±.005 86.750 (2203.45) ±.005 87.000 (2209.80) ±.005 87.250 (2216.15) ±.005 87.500 (2222.50) ±.005 87.750 (2228.85) ±.005 88.000 (2235.20) ±.005 88.250 (2241.55) ±.005 88.500 (2247.90) ±.005 88.750 (2254.25) ±.005 89.000 (2260.60) ±.005 89.250 (2266.95) ±.005 89.500 (2273.30) ±.005 89.750 (2279.65) ±.005 90.000 (2286.00) ±.005 90.250 (2292.35) ±.005 90.500 (2298.70) ±.005 90.750 (2305.05) ±.005 91.000 (2311.40) ±.005 91.250 (2317.75) ±.005 91.500 (2324.10) ±.005 91.750 (2330.45) ±.005 92.000 (2336.80) ±.005 92.250 (2343.15) ±.005 92.500 (2349.50) ±.005 92.750 (2355.85) ±.005 93.000 (2362.20) ±.005 93.250 (2368.55) ±.005 93.500 (2374.90) ±.005 93.750 (2381.25) ±.005 94.000 (2387.60) ±.005 94.250 (2393.95) ±.005 94.500 (2400.30) ±.005 94.750 (2406.65) ±.005 95.000 (2413.00) ±.005 95.250 (2419.35) ±.005 95.500 (2425.70) ±.005 95.750 (2432.05) ±.005 96.000 (2438.40) ±.005 96.250 (2444.75) ±.005 96.500 (2451.10) ±.005 96.750 (2457.45) ±.005 97.000 (2463.80) ±.005 97.250 (2470.15) ±.005 97.500 (2476.50) ±.005 97.750 (2482.85) ±.005 98.000 (2489.20) ±.005 98.250 (2495.55) ±.005 98.500 (2501.90) ±.005 98.750 (2508.25) ±.005 99.000 (2514.60) ±.005 99.250 (2520.95) ±.005 99.500 (2527.30) ±.005 99.750 (2533.65) ±.005 100.000 (2540.00) ±.005 		
TREATMENT: N/A			

Approval Signature _____	Date / / _____	TITLE: Top Assembly BL6X12 USED ON: Per customer SIZE: B DRAWING NUMBER: BL6X12-1 SCALE: 1:5 REV: A SHEET 1 OF 1
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COMPLIANCE



CONTACT US

Contact Metaphase Technologies at **215-639-8699** or your local representative for additional details, options and customizations.