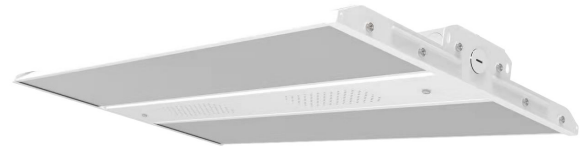
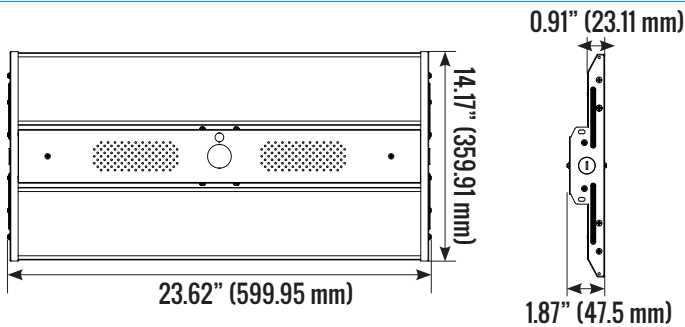


PRODUCT CODE: HBL52SP3-M220WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE/3CCT


PRODUCT DESCRIPTION

Etlin-Daniels is pleased to introduce their new HBL52SP generation of LED Linear Highbay. Each fixture is equipped with a stylish split panel design, offering high efficacy, flexible mounting options and has precision, glare free optics.

This new compact 2' design achieves UGR<28 for DLC5.1 Premium status, and this series comes with a Microwave Sensor Base pre-installed to reduce potential contractor labor costs should sensors be a part of the application. And the new HBL52SP generation is 120-347V, multi-wattage and 3CCT, which will reduce inventory stress while eliminating potential ordering errors. Also equipped with a 10' power cord and V-Hooks and chain in packaging, and wire guard or pendant mount accessories, the new HBL52SP series is the perfect option when LED Highbays are required.

FEATURES

- LED Indoor Light Source.
- Compact, modern 2' design
- V-Hooks and Chain in packaging
- Pendant Mount available
- 10' power cord standard
- UGR<28 for DLC5.1 Premium status
- Microwave Sensor base pre-installed
- 0-10V Continuous Dimming
- 120-347V
- RA >80
- Damp Location rated
- 3CCT - 3500K/4000K/5000K
- Multi wattage - 60W/80W/110W & 165W/200W/220W
- 5 year warranty
- L70 - 50,000 hours
- DLC5.1 Premium

LED TYPE	LED QTY	WATTAGE	COLOR TEMPERATURE	LUMENS	SYSTEM EFFICACY	CRI	SYSTEM EFFICIENCY	POWER EFFICIENCY	POWER FACTOR	HARMONIC DISTORTION
LUMILEDS	1500 CHIPS	165W - 3500K - 22764 LM / 4000K - 23133 LM / 5000K - 23175 LM 200W - 3500K - 27246 LM / 4000K - 27266 LM / 5000K - 27579 LM 220W - 3500K - 29160 LM / 4000K - 29375 LM / 5000K - 30054 LM			145 LM / W	>80 CRI	87%	>87%	>0.90	<20%

PRODUCT SPECIFICATIONS

VOLTAGES	POWER FREQ.	BEAM ANGLE	FIXTURE MATERIAL	LIFE SPAN	STORAGE TEMP	OPERATING TEMP	PRODUCT DIMENSIONS	CARTON SIZE
120-347V	50-60HZ	90°	BAKED WHITE ENAMEL/OPAL LENS DIFFUSER	>50,000 HOURS	-20°C~-50°C -4°F~-122°F	-30°C~-69°C -22°F~-156°F	23.6 X 14.17 X 1.9 INCHES (600 X 360 X 47.5 MM)	25.40 X 16.14 X 3.77 INCHES (645 X 410 X 96 MM)



ADDITIONAL INFORMATION

INSTALLATION METHOD

V HOOK & CHAIN/PENDANT MOUNT APPLICATIONS

FIXTURE COLOR

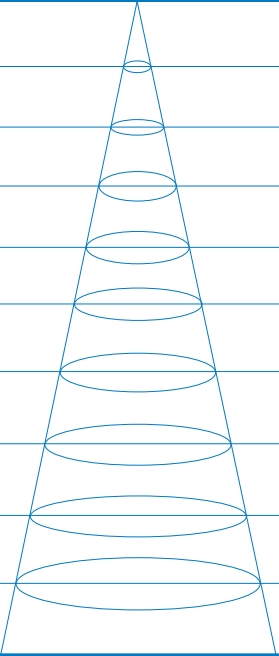
WHITE ENAMEL/MEDIUM CLEAR LENS

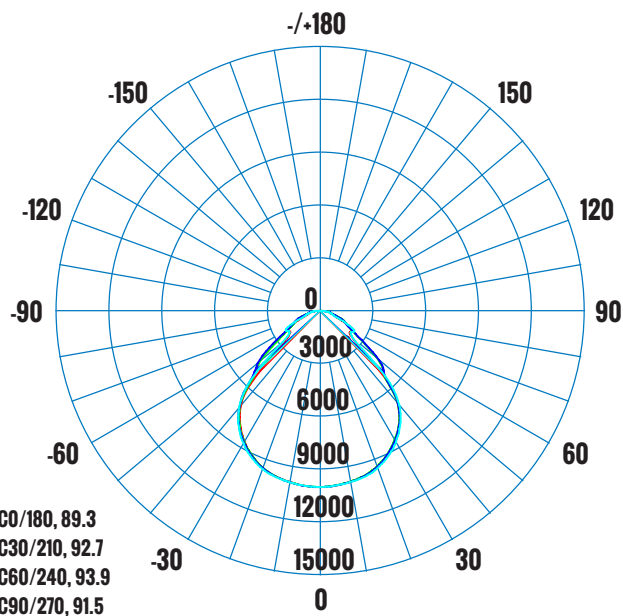
CONTROL TYPE

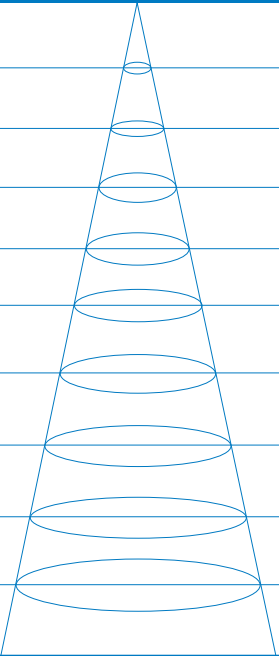
0-10V CONTINUOUS DIMMING

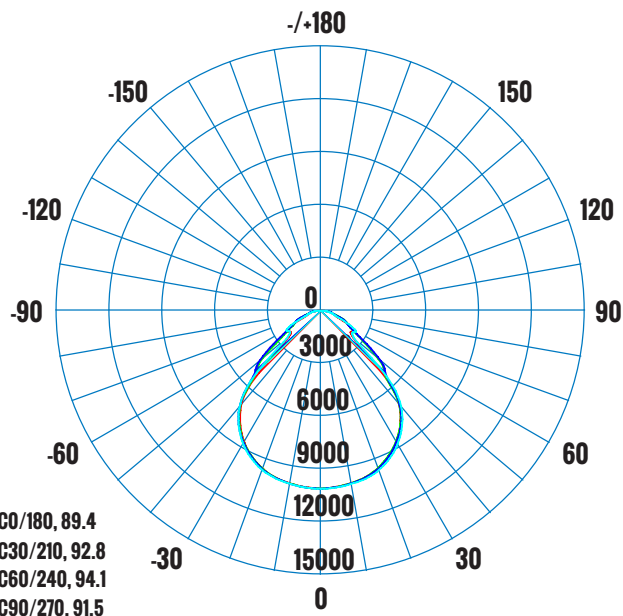
PRODUCT CODE: HBL52SP3-M220WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE/3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 165W 3500K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 15,566LM

3.28FT 1M	4995, 10321LX		6.48FT 197.51 CM
6.56FT 2M	1239, 2580LX		12.96FT 395.03 CM
9.84FT 3M	550.5, 1147LX		19.44FT 592.54 CM
13.12FT 4M	309.7, 645.1LX		25.92FT 790.05 CM
16.40FT 5M	198.2, 412.8LX		32.40FT 987.57 CM
19.69FT 6M	137.6, 286.7LX		38.88FT 1185.08 CM
22.97FT 7M	101.1, 210.6LX		45.36FT 1382.59 CM
26.25FT 8M	77.42, 161.3LX		51.84FT 1580.11 CM
29.52FT 9M	61.17, 127.4LX		58.32FT 1777.62 CM
32.80FT 10M	49.55, 103.2LX		64.80FT 1975.13 CM
HT	EAVG/EMAX	ANGLE: 89.28DEG	DIA

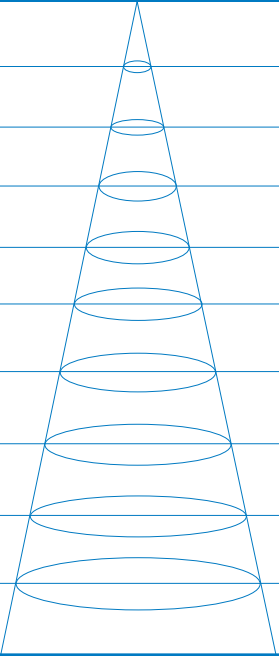
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 91.9 DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 165W 4000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 15,809LM

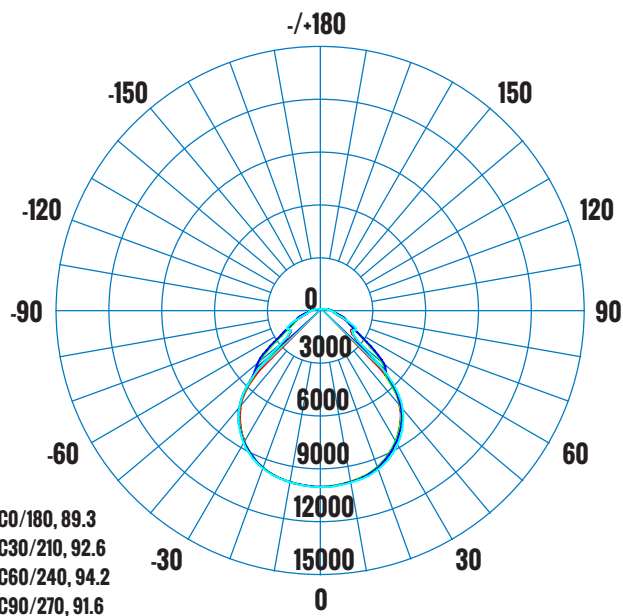
3.28FT 1M	5032, 10481LX		6.49FT 197.82CM
6.56FT 2M	1258, 2620LX		12.98FT 395.65CM
9.84FT 3M	559.1, 1165LX		19.47FT 593.47CM
13.12FT 4M	314.5, 655.1LX		25.96FT 791.30CM
16.40FT 5M	201.3, 419.3LX		32.45FT 989.12CM
19.69FT 6M	139.8, 291.2LX		38.94FT 1186.94CM
22.97FT 7M	102.7, 213.9LX		45.43FT 1384.77CM
26.25FT 8M	78.63, 163.80LX		51.92FT 1582.59CM
29.52FT 9M	62.13, 129.4LX		58.41FT 1780.42CM
32.80FT 10M	50.32, 104.8LX		64.90FT 1978.24CM
HT	EAVG/EMAX	ANGLE: 89.37DEG	DIA

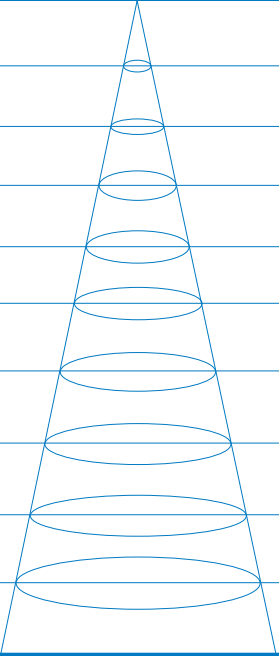
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 91.9 DEG

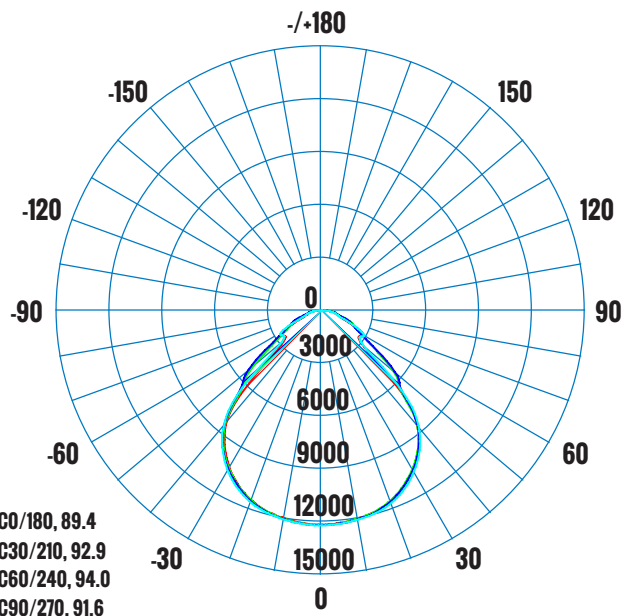
PRODUCT CODE: HBL52SP3-M220WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE/3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 165W 5000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 15,836LM

3.28FT 1M	5041, 10491LX		6.49FT 197.72 CM
6.56FT 2M	1260, 2623LX		12.97FT 395.44 CM
9.84FT 3M	560.1, 1166LX		19.46FT 593.16 CM
13.12FT 4M	315, 655.7LX		25.94FT 790.88 CM
16.40FT 5M	201.6, 419.6LX		32.43FT 988.60 CM
19.69FT 6M	140.0, 291.4LX		38.92FT 1186.32 CM
22.97FT 7M	102.9, 214.1LX		45.41FT 1384.04 CM
26.25FT 8M	78.76, 163.9LX		51.90FT 1581.76 CM
29.52FT 9M	62.23, 129.5LX		58.38FT 1779.48 CM
32.80FT 10M	50.41, 104.9LX		64.87FT 1977.20 CM
HT	EAVG/EMAX	ANGLE: 89.34DEG	DIA

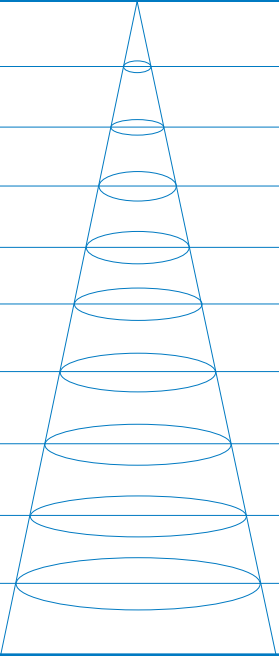
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 91.9 DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 200W 3500K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 18,550LM

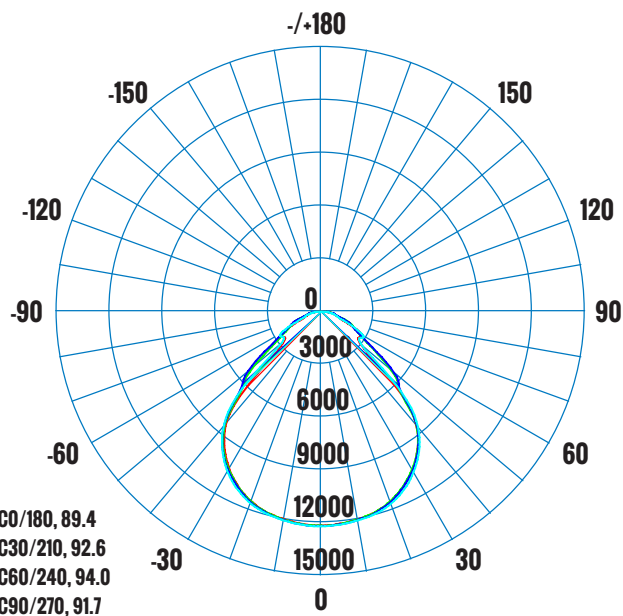
3.28FT 1M	5905, 12318LX		6.49FT 197.69CM
6.56FT 2M	1476, 3080LX		12.97FT 395.37CM
9.84FT 3M	656.1, 1369LX		19.46FT 593.06CM
13.12FT 4M	369, 769.9LX		25.94FT 790.74CM
16.40FT 5M	236.2, 492.7LX		30.19FT 988.43CM
19.69FT 6M	164.0, 342.2LX		38.91FT 1186.12CM
22.97FT 7M	120.5, 251.4LX		45.40FT 1383.80CM
26.25FT 8M	92.26, 192.5LX		51.89FT 1581.49CM
29.52FT 9M	72.9, 152.1LX		58.37FT 1779.17CM
32.80FT 10M	59.05, 123.2LX		64.86FT 1976.86CM
HT	EAVG/EMAX	ANGLE: 89.33DEG	DIA

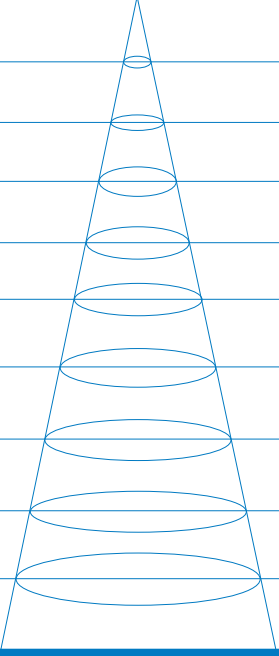
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 92.0 DEG

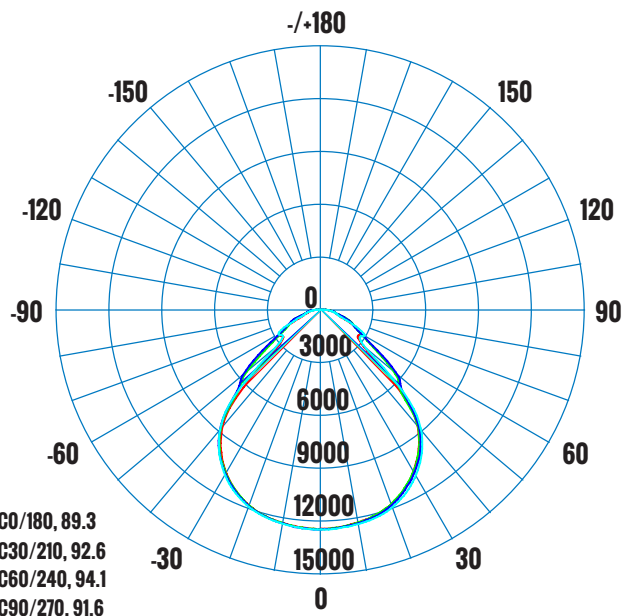
PRODUCT CODE: HBL52SP3-M220WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE/3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 200W 4000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 18,635LM

3.28FT 1M	5932, 12361LX		6.49FT 197.79 CM
6.56FT 2M	1483, 3090LX		12.98FT 395.58 CM
9.84FT 3M	659.1, 1373LX		19.47FT 593.37 CM
13.12FT 4M	370.7, 772.6LX		25.96FT 791.16 CM
16.40FT 5M	237.3, 494.4LX		32.45FT 988.95 CM
19.69FT 6M	164.8, 343.4LX		38.94FT 1186.74 CM
22.97FT 7M	121.1, 252.3LX		45.42FT 1384.53 CM
26.25FT 8M	92.69, 193.1LX		51.91FT 1582.32 CM
29.52FT 9M	73.23, 152.6LX		58.40FT 1780.10 CM
32.80FT 10M	59.32, 123.6LX		64.89FT 1977.89 CM
HT	EAVG/EMAX	ANGLE: 89.36DEG	DIA

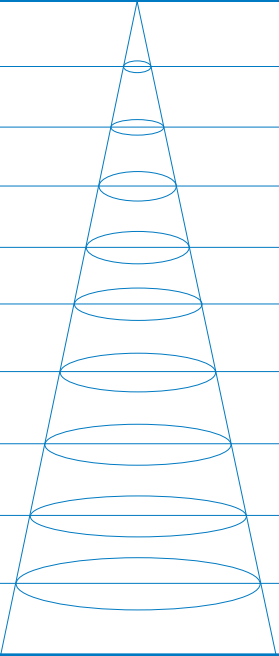
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 91.9 DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 200W 5000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 18,850LM

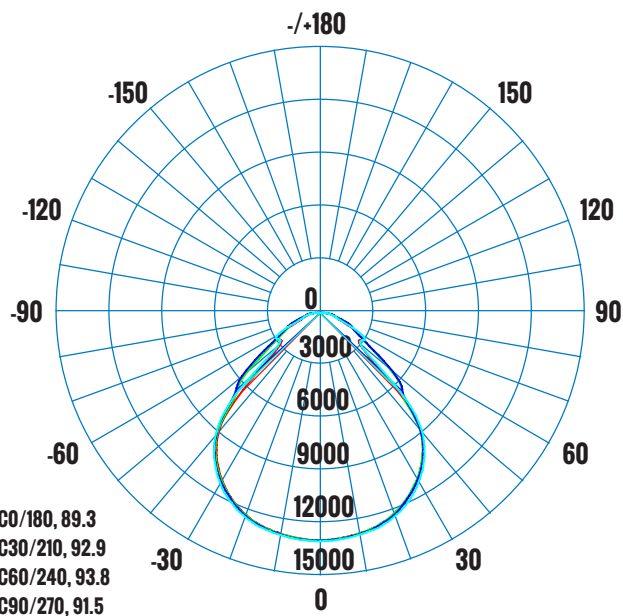
3.28FT 1M	6000, 12493LX		6.48FT 197.55CM
6.56FT 2M	1500, 3123LX		12.96FT 395.10CM
9.84FT 3M	666.7, 1388LX		19.44FT 592.64CM
13.12FT 4M	375.0, 780.8LX		25.92FT 790.19CM
16.40FT 5M	240.0, 499.7LX		32.41FT 987.74CM
19.69FT 6M	166.7, 347.0LX		38.89FT 1185.29CM
22.97FT 7M	122.5, 255.0LX		45.37FT 1382.84CM
26.25FT 8M	93.75, 195.2LX		51.85FT 1580.38CM
29.52FT 9M	74.08, 154.2LX		58.33FT 1777.93CM
32.80FT 10M	60.00, 124.9LX		64.81FT 1975.48CM
HT	EAVG/EMAX	ANGLE: 89.29DEG	DIA

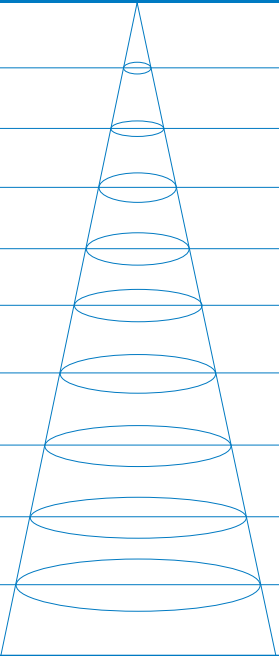
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 91.9 DEG

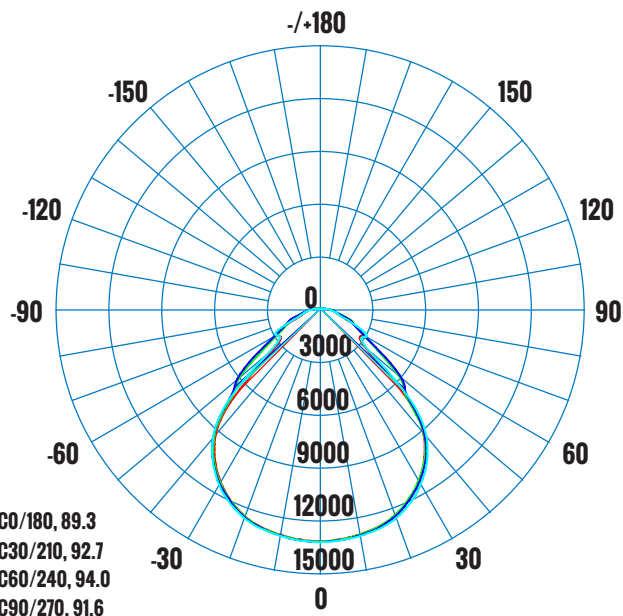
PRODUCT CODE: HBL52SP3-M220WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE/3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 220W 3500K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 19,948LM

3.28FT 1M	6350, 13253LX		6.48FT 197.51 CM
6.56FT 2M	1587, 3313LX		12.96FT 395.03 CM
9.84FT 3M	705.5, 1473LX		19.44FT 592.54 CM
13.12FT 4M	396.9, 828.3LX		25.92FT 790.05 CM
16.40FT 5M	254.0, 530.1LX		32.40FT 987.57 CM
19.69FT 6M	176.4, 368.1LX		38.88FT 1185.08 CM
22.97FT 7M	129.6, 270.5LX		45.36FT 1382.59 CM
26.25FT 8M	99.21, 207.1LX		51.84FT 1580.11 CM
29.52FT 9M	78.39, 163.6LX		58.32FT 1777.62 CM
32.80FT 10M	63.50, 132.5LX		64.80FT 1975.13 CM
HT	EAVG/EMAX	ANGLE: 89.28DEG	DIA

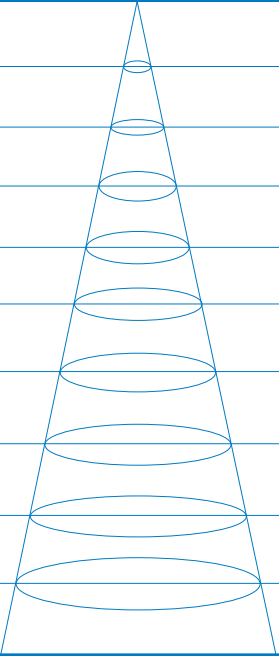
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 91.9 DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 220W 4000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 20,078LM

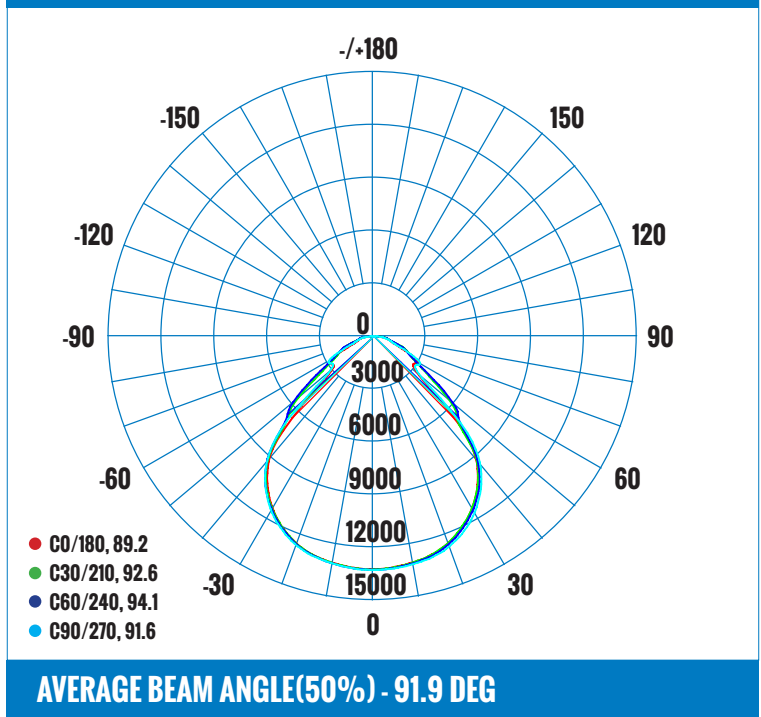
3.28FT 1M	6391, 13323LX		6.48FT 197.65CM
6.56FT 2M	1598, 3331LX		12.97FT 395.30CM
9.84FT 3M	710.1, 1480LX		19.45FT 592.95CM
13.12FT 4M	399.4, 832.7LX		25.94FT 790.61CM
16.40FT 5M	255.6, 532.9LX		32.42FT 988.26CM
19.69FT 6M	177.5, 370.1LX		38.91FT 1185.91CM
22.97FT 7M	130.4, 271.9LX		45.39FT 1383.56CM
26.25FT 8M	99.86, 208.2LX		51.88FT 1581.21CM
29.52FT 9M	78.90, 164.5LX		58.36FT 1778.86CM
32.80FT 10M	63.91, 133.2LX		64.85FT 1976.51CM
HT	EAVG/EMAX	ANGLE: 89.32DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 91.9 DEG

PRODUCT CODE: HBL52SP3-M220WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE/3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 220W 3500K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 20,546LM

3.28FT 1M	6540, 13621LX		6.47FT 197.34 CM
6.56FT 2M	1635, 3405LX		12.95FT 394.68 CM
9.84FT 3M	726.7, 1513LX		19.42FT 592.02 CM
13.12FT 4M	408.8, 851.3LX		25.90FT 789.36 CM
16.40FT 5M	261.6, 544.8LX		32.37FT 986.71 CM
19.69FT 6M	181.7, 378.4LX		38.85FT 1184.05 CM
22.97FT 7M	133.5, 278.0LX		45.32FT 1381.39 CM
26.25FT 8M	102.2, 212.8LX		51.79FT 1578.73 CM
29.52FT 9M	80.74, 168.2LX		58.27FT 1776.07 CM
32.80FT 10M	65.40, 136.2LX		64.74FT 1973.41 CM
HT	EAVG/EMAX	ANGLE: 89.23DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

CERTIFICATIONS

DRIVER/LED CHIP

MOUNTING OPTIONS/ACCESSORIES

ORDERING INFORMATION - HBL52SP SERIES

SERIES	DLC	SIZE	SURFACE	WIDE	WATT	VOLTAGE	CCT	DIM	MICRO BASE	FINISH / CORD LENGTH / LENS
E.G. HBL	5	2	SP	3	M220	W	C	0	MB	WH-10MC
HBL -	5 - DLC 5.1	2 - 2'	SP = SPLIT	3 - 14.17" WIDE	M110 - MULTIPLE	W - 120 - 347V	C - CCT	0 - 0-10V	MB - MICROWAVE	WH - WHITE
HIGH BAY			SURFACE		WATTAGE		3500K / 4000K	CONTINUOUS	BASE INSTALLED	10 - 10 FT CORD
LINEAR					1650W/200W/ 220W		/ 5000K	DIMMING		MC - MEDIUM CLEAR LENS

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