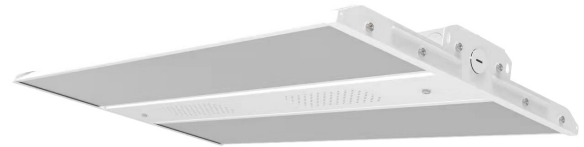
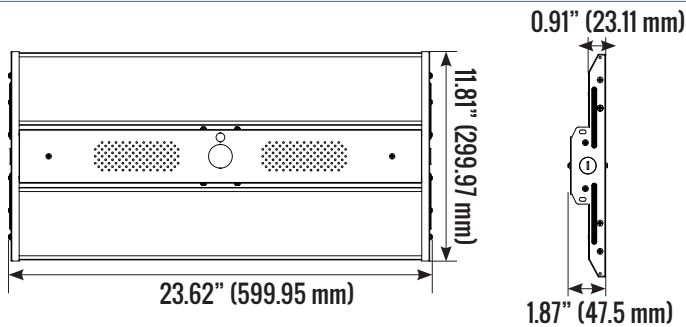


PRODUCT CODE: HBL52SP2-M110WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE /3CCT


PRODUCT DESCRIPTION

Etlín-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

PRODUCT SPECIFICATIONS (OPTICAL DATA)

PRODUCT SPECIFICATIONS (ELECTRICAL DATA)

LED TYPE	LED QTY	WATTAGE	COLOR TEMPERATURE	LUMENS	SYSTEM EFFICACY	CRI	SYSTEM EFFICIENCY	POWER EFFICIENCY	POWER FACTOR	HARMONIC DISTORTION
LUMILEDS	888 CHIPS	60W - 3500K - 8392 LM / 4000K - 8390 LM / 5000K - 8526 LM 80W - 3500K - 11098 LM / 4000K - 11120 LM / 5000K - 11210 LM 110W - 3500K - 14016 LM / 4000K - 14407 LM / 5000K - 14328 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 11.8 X 1.9 INCHES (600 X 300 X 47.5 MM)	25.60 X 13.97 X 3.93 INCHES (650 X 355 X 100 MM)



ADDITIONAL INFORMATION

INSTALLATION METHOD

V HOOK & CHAIN/PENDANT MOUNT APPLICATIONS

FIXTURE COLOR

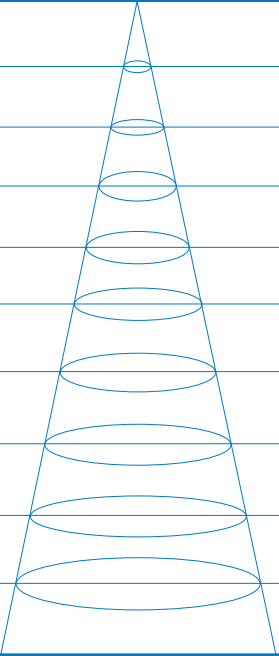
WHITE ENAMEL/MEDIUM CLEAR LENS

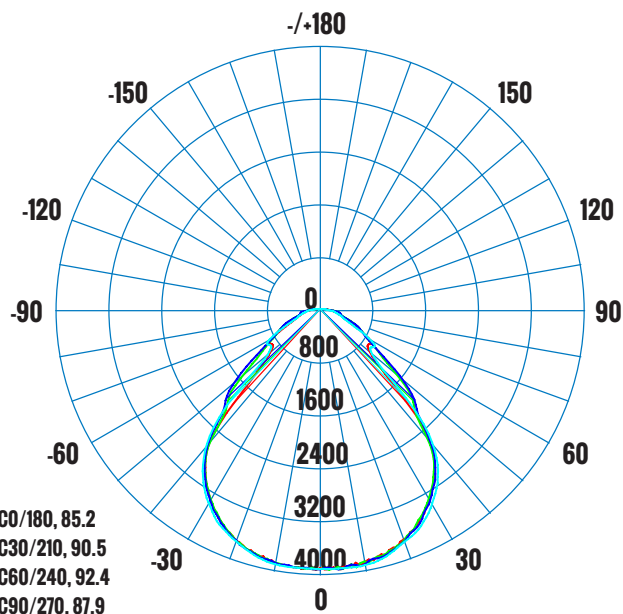
CONTROL TYPE

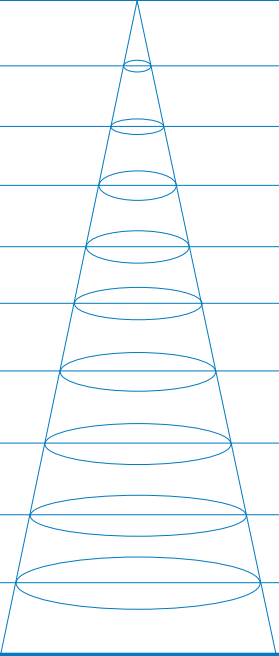
0-10V CONTINUOUS DIMMING

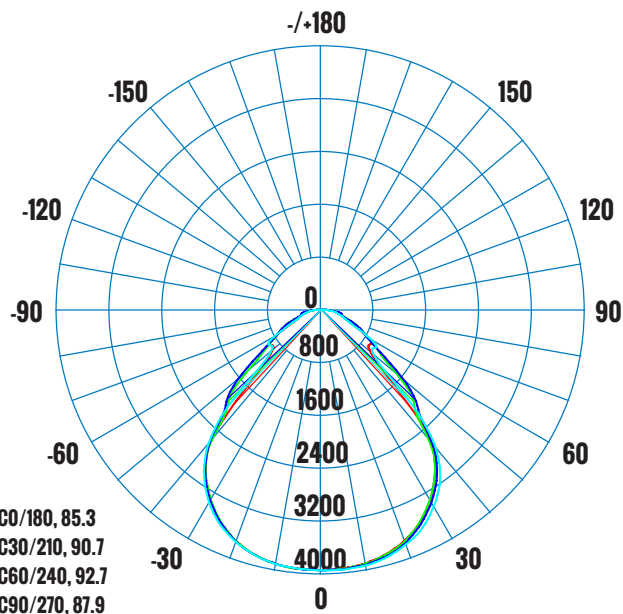
PRODUCT CODE: HBL52SP2-M110WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE /3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60W 3500K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 5,540LM

3.28FT 1M	2028,3978LX		6.04FT 183.99 CM
6.56FT 2M	506.9, 994.4LX		12.07FT 367.97 CM
9.84FT 3M	225.3, 442.0LX		18.11FT 551.96 CM
13.12FT 4M	126.7, 248.6LX		24.15FT 735.95 CM
16.40FT 5M	81.11, 159.1LX		30.18FT 919.93 CM
19.69FT 6M	56.33, 110.5LX		36.22FT 1103.92 CM
22.97FT 7M	41.38, 81.18LX		42.25FT 1287.90 CM
26.25FT 8M	31.68, 62.15LX		48.29FT 1471.89 CM
29.52FT 9M	25.03, 49.11LX		54.33FT 1655.88 CM
32.80FT 10M	20.28, 39.78LX		60.36FT 1839.86 CM
HT	EAVG/EMAX	ANGLE: 85.22DEG	DIA

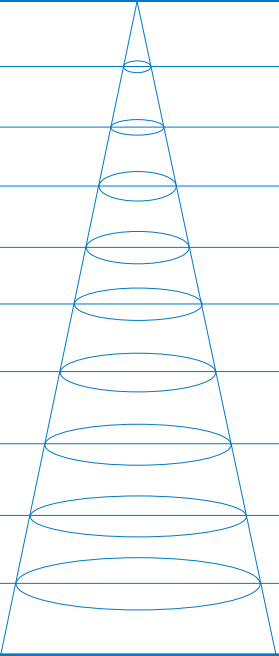
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 89.0 DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60W 4000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 5537LM

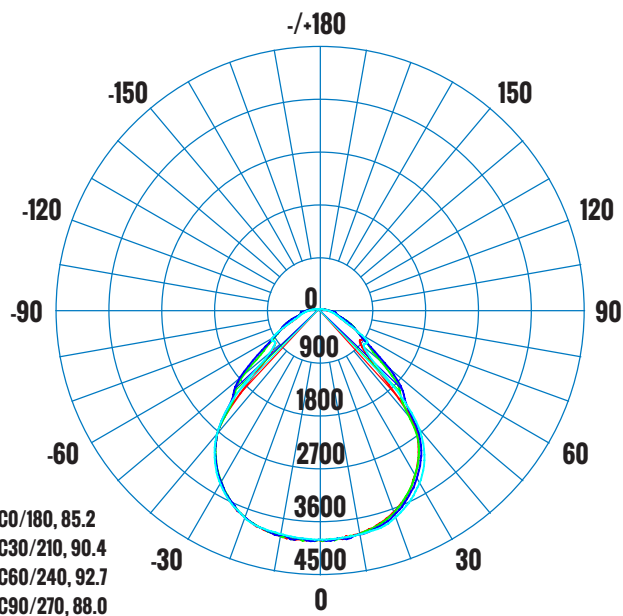
3.28FT 1M	2027,3968LX		6.04FT 184.05CM
6.56FT 2M	506.7, 992.1LX		12.08FT 368.10CM
9.84FT 3M	225.2, 440.9LX		18.12FT 552.15CM
13.12FT 4M	126.7, 248.0LX		24.15FT 736.20CM
16.40FT 5M	81.07, 158.7LX		30.19FT 920.25CM
19.69FT 6M	56.30, 110.2LX		36.23FT 1104.31CM
22.97FT 7M	41.36, 80.98LX		42.26FT 1288.36CM
26.25FT 8M	31.67, 62.00LX		48.31FT 1472.41CM
29.52FT 9M	25.02, 48.99LX		54.35FT 1656.46CM
32.80FT 10M	20.27, 39.68LX		60.38FT 1840.51CM
HT	EAVG/EMAX	ANGLE: 85.24DEG	DIA

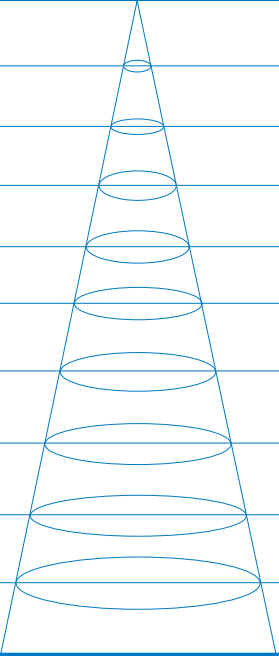
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 89.1 DEG

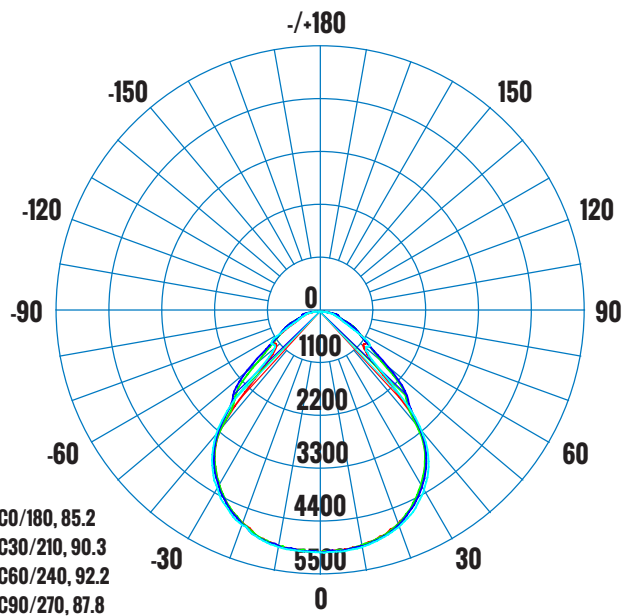
PRODUCT CODE: HBL52SP2-M110WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE /3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 60W 5000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 5,625LM

3.28FT 1M	2059,4038LX		6.03FT 183.83 CM
6.56FT 2M	514.7, 1009LX		12.06FT 367.65 CM
9.84FT 3M	228.8, 448.7LX		18.09FT 551.48 CM
13.12FT 4M	128.7, 252.4LX		24.12FT 735.30 CM
16.40FT 5M	82.36, 161.5LX		30.16FT 919.13 CM
19.69FT 6M	57.19, 112.2LX		36.19FT 1102.95 CM
22.97FT 7M	42.02, 82.41LX		42.22FT 1286.78 CM
26.25FT 8M	32.17, 63.09LX		48.24FT 1470.60 CM
29.52FT 9M	25.42, 49.85LX		54.28FT 1654.43 CM
32.80FT 10M	20.59, 40.38LX		60.31FT 1838.25 CM
HT	EAVG/EMAX	ANGLE: 85.17DEG	DIA

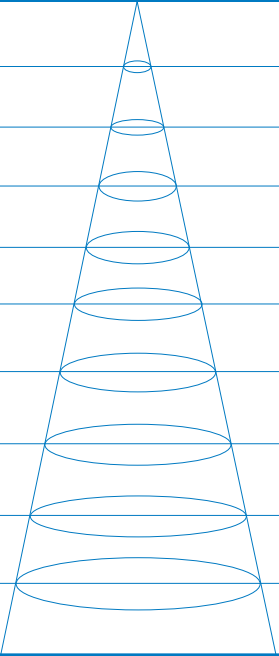
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 89.1 DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 80W 3500K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 7335LM

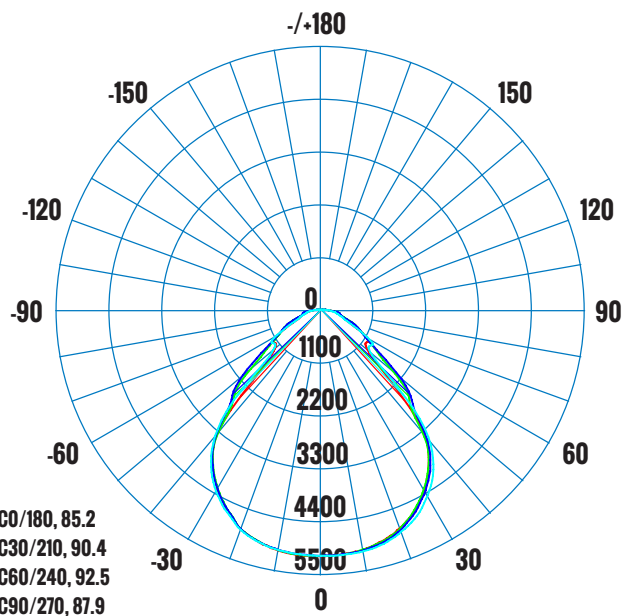
3.28FT 1M	2685,5284LX		6.03FT 183.95CM
6.56FT 2M	671.3, 1321LX		12.07FT 367.91CM
9.84FT 3M	298.3, 587.2LX		18.11FT 551.86CM
13.12FT 4M	167.8, 330.3LX		24.14FT 735.82CM
16.40FT 5M	107.4, 211.4LX		30.18FT 919.77CM
19.69FT 6M	74.59, 146.8LX		36.21FT 1103.73CM
22.97FT 7M	54.80, 107.8LX		42.25FT 1287.68CM
26.25FT 8M	41.95, 82.57LX		48.28FT 1471.63CM
29.52FT 9M	33.15, 65.24LX		54.32FT 1655.59CM
32.80FT 10M	26.85, 52.84LX		60.35FT 1839.54CM
HT	EAVG/EMAX	ANGLE: 85.21DEG	DIA

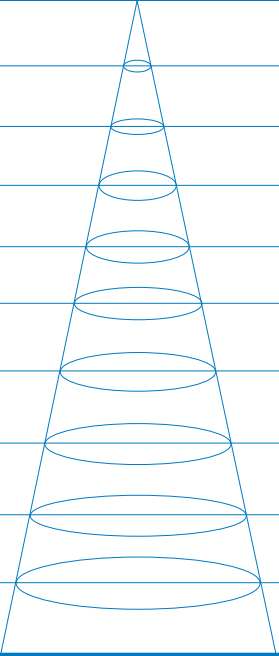
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 88.9 DEG

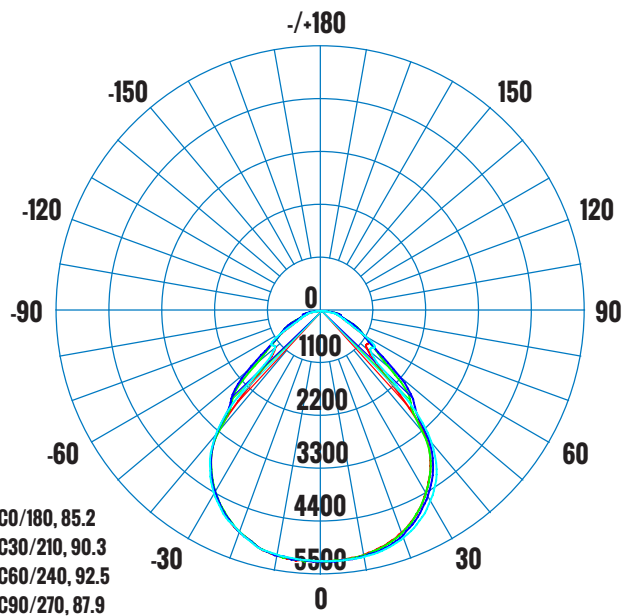
PRODUCT CODE: HBL52SP2-M110WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE /3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 80W 4000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 7,349LM

3.28FT 1M	2690,5282LX		6.03FT 183.83 CM
6.56FT 2M	672.5, 1321LX		12.06FT 367.65 CM
9.84FT 3M	298.9, 586.9LX		18.09FT 551.48 CM
13.12FT 4M	168.1, 330.1LX		24.12FT 735.30 CM
16.40FT 5M	107.6, 211.3LX		30.16FT 919.13 CM
19.69FT 6M	74.72, 146.7LX		36.19FT 1102.95 CM
22.97FT 7M	54.90, 107.81LX		42.22FT 1286.78 CM
26.25FT 8M	42.03, 82.53LX		48.25FT 1470.60 CM
29.52FT 9M	33.21, 65.21LX		54.28FT 1654.43 CM
32.80FT 10M	26.90, 52.82LX		60.31FT 1838.25 CM
HT	EAVG/EMAX	ANGLE: 85.17DEG	DIA

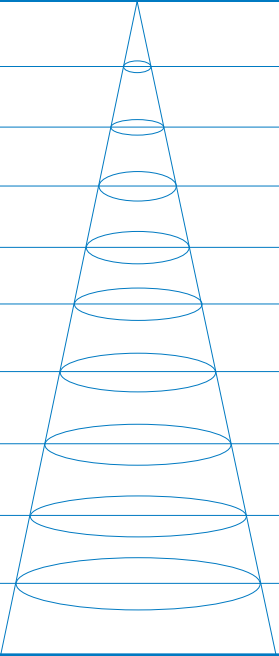
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 89.0 DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 80W 5000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 7406LM

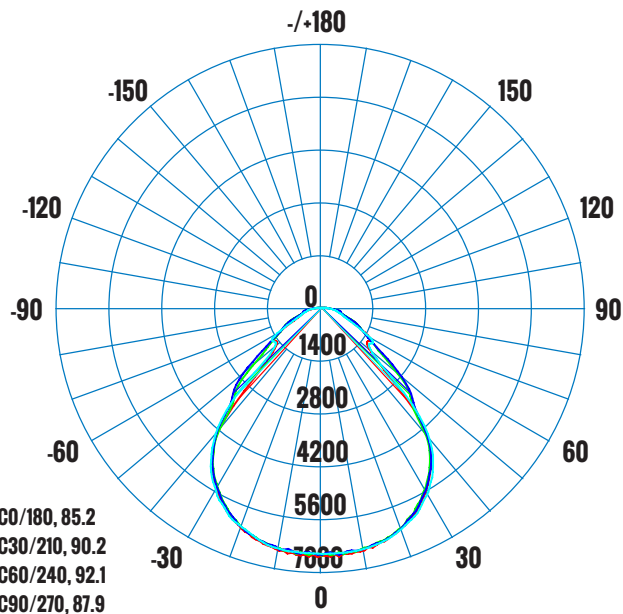
3.28FT 1M	2711,5318LX		6.03FT 183.83CM
6.56FT 2M	677.7, 1330LX		12.06FT 367.65CM
9.84FT 3M	301.2, 590.9LX		18.09FT 551.48CM
13.12FT 4M	169.4, 332.4LX		23.12FT 735.30CM
16.40FT 5M	108.4, 212.7LX		30.15FT 919.13CM
19.69FT 6M	75.30, 147.7LX		36.19FT 1102.95CM
22.97FT 7M	55.32, 108.5LX		42.22FT 1286.78CM
26.25FT 8M	42.36, 83.1LX		48.24FT 1470.60CM
29.52FT 9M	33.47, 65.66LX		54.28FT 1654.43CM
32.80FT 10M	27.11, 53.18LX		60.31FT 1838.25CM
HT	EAVG/EMAX	ANGLE: 85.17DEG	DIA

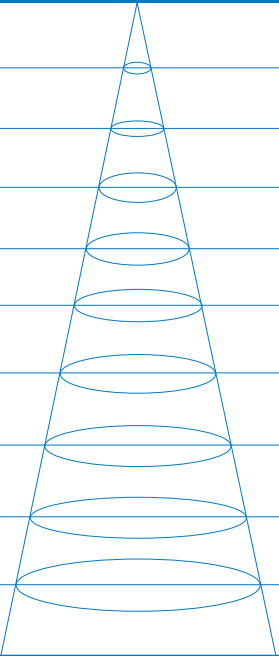
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 89.0 DEG

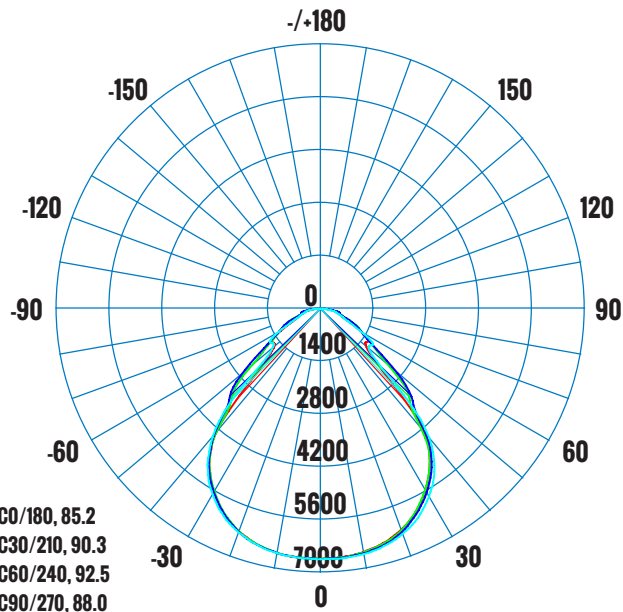
PRODUCT CODE: HBL52SP2-M110WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE /3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110W 3500K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 9,254LM

3.28FT 1M	3387,6712LX		6.03FT 183.86 CM
6.56FT 2M	846.8, 1678LX		12.06FT 367.72 CM
9.84FT 3M	376.4, 745.8LX		18.10FT 551.57 CM
13.12FT 4M	211.7, 419.5LX		24.13FT 735.43 CM
16.40FT 5M	135.5, 268.5LX		30.16FT 919.29 CM
19.69FT 6M	94.09, 186.4LX		36.19FT 1103.15 CM
22.97FT 7M	69.13, 137.01LX		42.22FT 1287.00 CM
26.25FT 8M	52.93, 104.9LX		48.26FT 1470.86 CM
29.52FT 9M	41.82, 82.86LX		54.29FT 1654.72 CM
32.80FT 10M	33.87, 67.12LX		60.32FT 1838.58 CM
HT	EAVG/EMAX	ANGLE: 85.18DEG	DIA

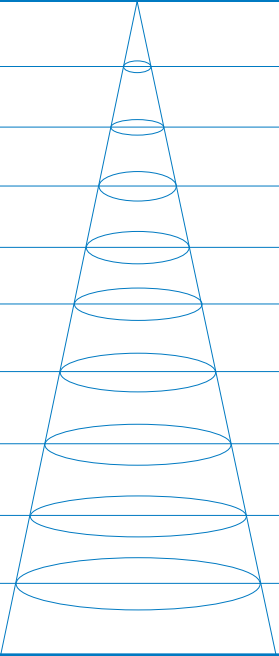
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 88.9 DEG
LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110W 4000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 9510LM

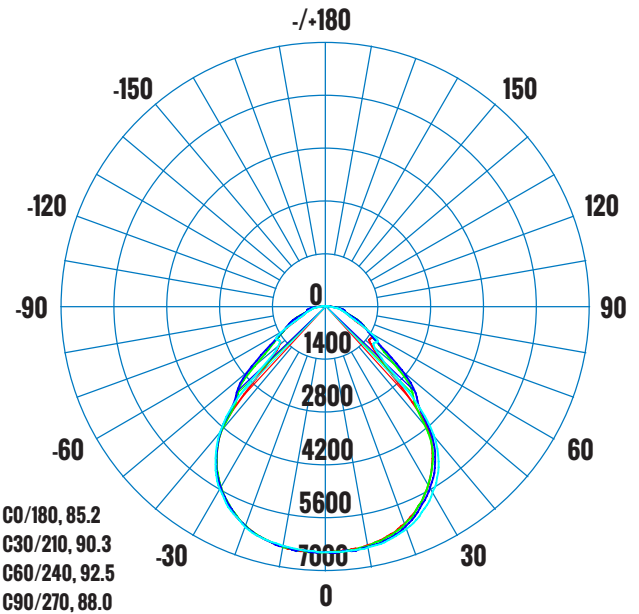
3.28FT 1M	3481,6820LX		6.04FT 184.02CM
6.56FT 2M	870.3, 1705LX		12.07FT 368.04CM
9.84FT 3M	386.8, 757.8LX		18.11FT 552.06CM
13.12FT 4M	217.6, 426.3LX		24.15FT 736.07CM
16.40FT 5M	139.2, 272.8LX		30.19FT 920.09CM
19.69FT 6M	94.70, 189.5LX		36.22FT 1104.11CM
22.97FT 7M	71.05, 139.2LX		42.26FT 1288.13CM
26.25FT 8M	54.39, 106.6LX		48.30FT 1472.15CM
29.52FT 9M	42.98, 84.20LX		54.34FT 1656.17CM
32.80FT 10M	34.81, 68.20LX		60.38FT 1840.19CM
HT	EAVG/EMAX	ANGLE: 85.18DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 89.0 DEG

PRODUCT CODE: HBL52SP2-M110WCOMB-WH-10MC
LED LINEAR HIGH BAY/2FT/MULTI-WATTAGE /3CCT

LUMINAIRE PHOTOMETRIC (TEST REPORT) - 110W 5000K
ILLUMINANCE (AT A DISTANCE) - FLUX OUT: 9,456LM

3.28FT 1M	3461,6786LX		6.03FT 183.83 CM
6.56FT 2M	865.3, 1696LX		12.06FT 367.65 CM
9.84FT 3M	384.6, 753.9LX		18.09FT 551.48 CM
13.12FT 4M	216.3, 424.1LX		24.13FT 735.30 CM
16.40FT 5M	138.4, 271.4LX		30.16FT 919.13 CM
19.69FT 6M	96.15, 188.5LX		36.19FT 1102.95 CM
22.97FT 7M	70.64, 138.5LX		42.22FT 1286.78 CM
26.25FT 8M	54.08, 106.0LX		48.25FT 1470.60 CM
29.52FT 9M	42.73, 83.77LX		54.28FT 1654.43 CM
32.80FT 10M	34.61, 67.86LX		60.31FT 1838.25 CM
HT	EAVG/EMAX	ANGLE: 85.17DEG	DIA

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

AVERAGE BEAM ANGLE(50%) - 89.0 DEG
CERTIFICATIONS

DRIVER/LED CHIP

MOUNTING OPTIONS/ACCESSORIES

 PENDANT / CENTRE BOX -
PART#: HBL52SP-CB

 WIRE GUARD -
PART#: HBL52SP2-WG

 MICROWAVE SENSOR -
PART#: HB5-SENMC

 REMOTE CONTROL -
PART#: HB5-RCS

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	2	M110	W	C	0	MB	WH-10MC
HBL -	5 - DLC 5.1	2 - 2'	SP = SPLIT	2 - 11.81" 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					60W/80W/110W		/ 5000K	DIMMING		MC - MEDIUM CLEAR LENS

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