

3.8" SLIM PENDANT By VONN Lighting



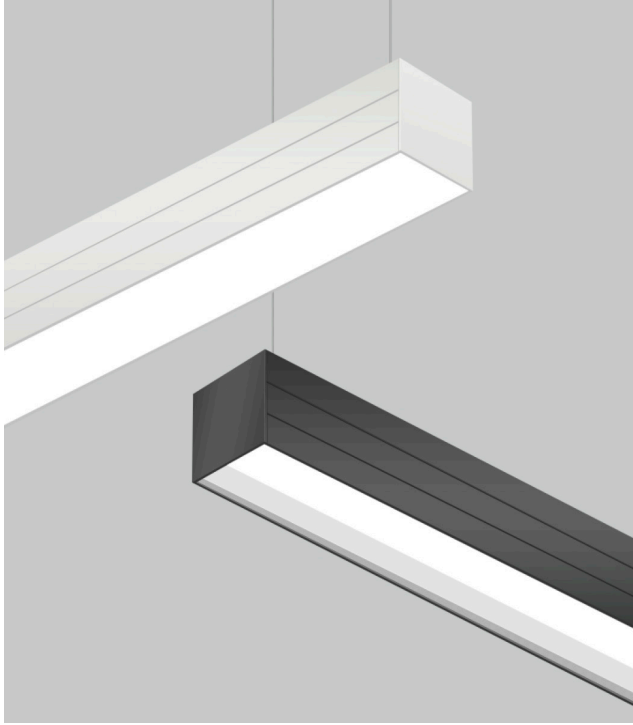
VSL23ICCTADP / VSL33ICCTADP / VSL43ICCTADP / VSL83ICCTADP

PROJECT:

TYPE:

CATALOG#:

DATE:



DESCRIPTION

The 3.8" suspended linear light is a fully integrated solution designed to complement both the ceiling and overall space while delivering comfortable general illumination. Available in 2ft, 3ft, 4ft, and 8ft lengths, these luminaires provide wide, powerful lighting with the flexibility of seamless continuous runs or illuminated corner patterns. Featuring three mounting options within a single housing, the 3.8" series offers versatile linear lighting configurations that enhance our award-winning architectural lighting platform, all while maintaining a cohesive and consistent aesthetic.

FEATURES

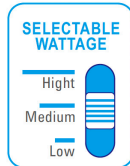
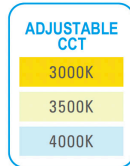
- Three mounting options within a single housing, available in 2', 3', 4', and 8' lengths
- Seamless continuous runs or custom patterns with illuminated corners
- 7 direct/indirect light distribution options
- CCT and wattage adjustable, delivering up to 1200 lm/ft
- Choice of diffuser or deep regressed lens
- Designed for easy maintenance

PERFORMANCE

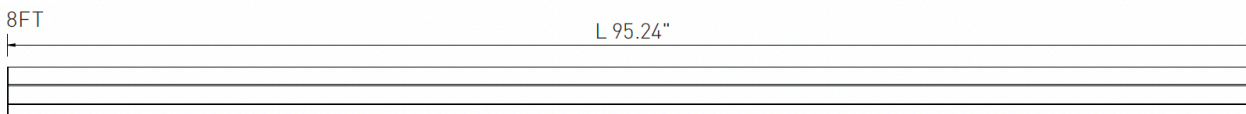
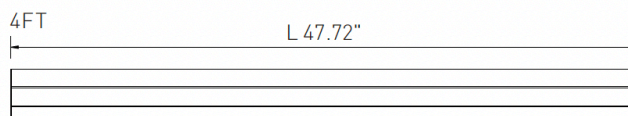
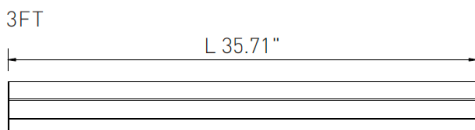
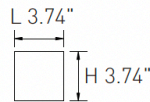
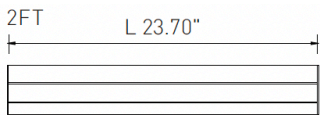
Lens	Length	Wattage Selectable	50% Up / 50% Down		100% DOWN		CCT Adjustable
			Efficacy	Lumen Output	Efficacy	Lumen Output	
Diffuser	2' ft	20W/15W/10W	1200lm/ft	Up to 2400LM	1100m/ft	Up to 2200lm	3000K/3500K/4000K
	3' ft	30W/23W/15W		Up to 3600LM		Up to 3300lm	
	4' ft	40W/30W/20W		Up to 4800LM		Up to 4400lm	
	8' ft	80W/60W/40W		Up to 9600LM		Up to 8800lm	
Regressed Lens	2' ft	20W/15W/10W	1000lm/ft	Up to 2000LM	900lm/ft	Up to 1800lm	3000K/3500K/4000K
	3' ft	30W/23W/15W		Up to 3000LM		Up to 2700lm	
	4' ft	40W/30W/20W		Up to 4000LM		Up to 3600lm	
	8' ft	80W/60W/40W		Up to 8000LM		Up to 7200lm	

Lumens are subject to maximum wattage, 4000K with white finish only.

Lumen output may vary ± 5% base on different CCT and wattage. Actual wattage may vary ± 5%.



DIMENSIONS



Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

***Please note lumens and wattage are subject to change and will be determined post production of the first articles.

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PROJECT:

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STANDARD LINE RUNS IN 120V

Luminaire Run Length (ft)	Run Configuration	Line Joiner	5' Power Cable	5' Aircraft Cable	Canopy
2	2'	-	1	2	2
4	4'	-	1	2	2
6	4'+2'	1	1	3	3
8	8'	-	1	2	2
10	8'+2'	1	1	3	3
12	8'+4'	1	1	3	3
14	8'+4'+2'	2	1	4	4
16	8'+8'	1	1	3	3
18	8'+8'+2'	2	1	4	4
20	8'+8'+4'	2	1	4	4
22	8'+8'+4'+2'	3	1	5	5
24	8'+8'+8'	2	1	4	4
26	8'+8'+8'+2'	3	1	5	5
28	8'+8'+8'+4'	3	1	5	5
30	8'+8'+8'+4'+2'	4	1	6	6
32	8'+8'+8'+8'	3	1	5	5
34	8'+8'+8'+8'+2'	4	1	6	6
36	8'+8'+8'+8'+4'	4	1	6	6
38	8'+8'+8'+8'+4'+2'	5	1	7	7
40	8'+8'+8'+8'+8'	4	1	6	6

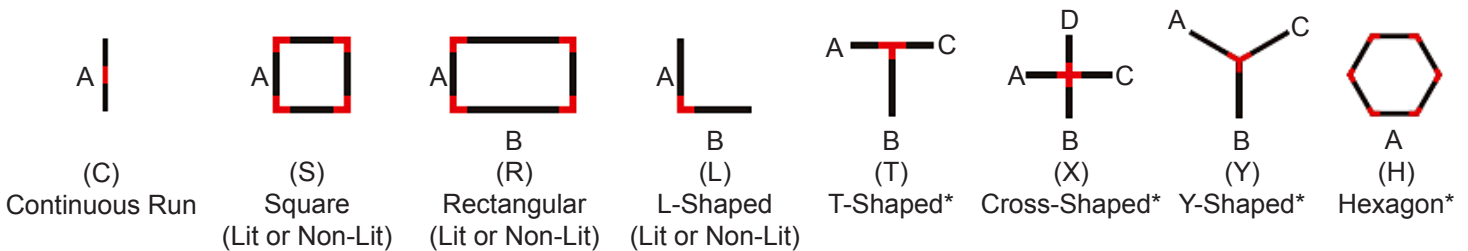
JOINER OPTIONS

*Make to Order means additional cost and/or lead time on customized fixtures may apply. Some fixtures require an MOQ. Please contact your sales rep for more information.

Shape orientation Looking from the Ceiling down to the floor. All corners of shape must be 90° or 120°, same plane. Joiners and rolling lens will be included.

Damp rated for ambient operating temperature of -20°C to + 40°C (-4° to +104°F).

FOR more complex shape, CONTACT VONN.



Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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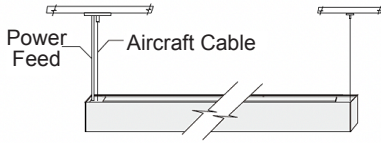
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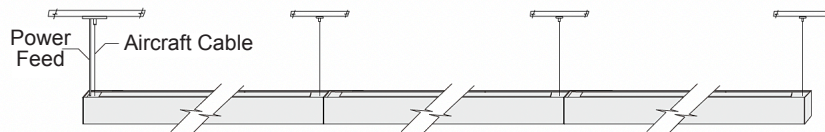
CATALOG#:

DATE:

INDIVIDUAL



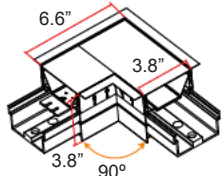
CONTINUOUS RUN



Note: 4.5" canopy is designed for power cable

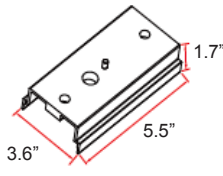
120VAC: Connections up to 40ft.
277VAC: Connections up to 100ft.

LIT JOINER OPTIONS



"L" Lit Joiner

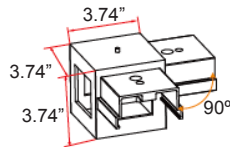
NON-LIT JOINER OPTIONS



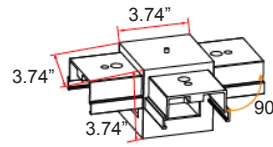
Line Joiner



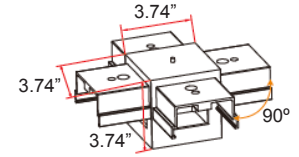
40' Continuous Rolling Lens



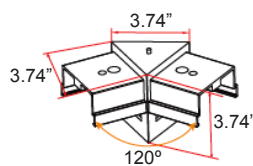
"L" Joiner



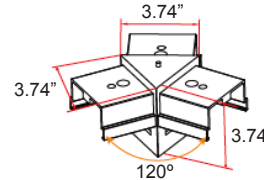
"T" Joiner



"X" Joiner

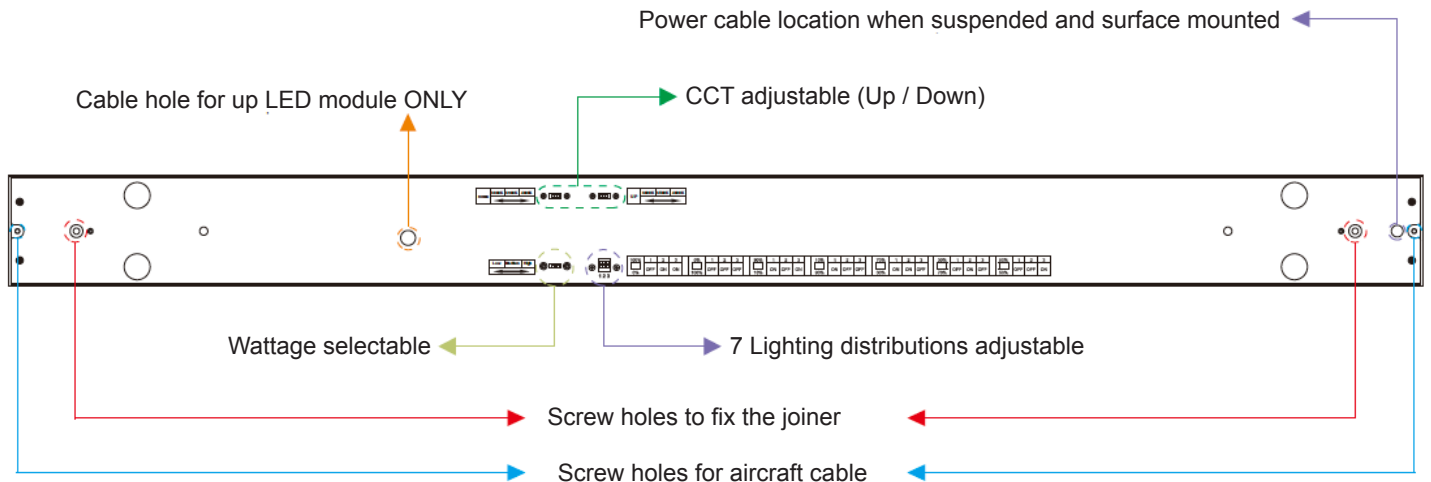


"V" Joiner



"Y" Joiner

MOUNTING LOCATION



Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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OPTIONAL FUNCTION

EMERGENCY OPTION

VONN Lighting offers UL& CEC Listed LED emergency drivers. They could be factory installed or field installed. When AC power fails it, immediately switches to the emergency mode operating for lighting minimum 90 minutes. When AC power is restored it, automatically returns to the charging mode which meets critical life-safety lighting requirements.

EMI

Built-in LED emergency driver

VONN Lighting Offers the LED luminaire with built-in 8w LED emergency driver to provide critical illumination when normal power fails for any reason. It can save your labor cost with simple wiring.

Specification For LED Emergency Driver

Output Power	8 Watts
Output Voltage	15-54V DC
Input Current	70 mA (Max)
Input Power	3.2 Watts (Max)
Input Voltage	110-277VAC, 50-60Hz
Emergency Operation	>90 Minutes
Standby Power	<0.4W
Operating Temp	0°C to 50°C
Battery	Lithium
Recharge	24 Hrs
Certificate	UL, CEC

Code-Required Testing

• Initial Self-Test After Installation

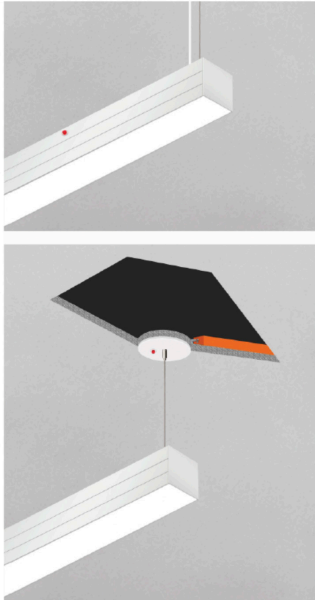
It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

• Second Self-Test In 120 Minutes

It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

• Monthly Self-Test

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.



EME

Order Separated LED emergency driver

Optional 8w or 25w high voltage LED emergency driver can be provided if you need and do it wiring in field. For more info or spec sheet please visit our website or contact sales.



Occupancy Sensor



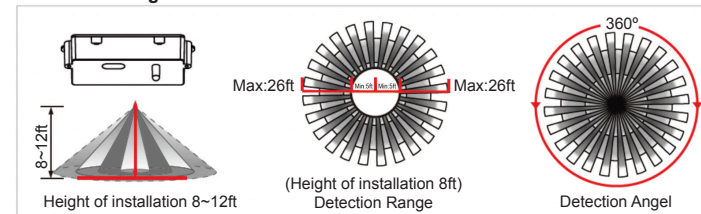
OCC

We can provide a factory-installed integrated sensor system for multi-level control based on motion and/or daylight contribution with BRI810-B-D level & daylight harvest microwave sensor from SHARKWARD. For more info or spec sheet, please contact sales.

Specification

Power Supply	120/277 VAC 50/60Hz
Maximum load @-40°F~+158°F (-40°C ~ +70°C)	Resistive/ Tungsten-600W@120V Electronic Ballast(LED)-800VA@120V/1200VA@277V
HF System	5.8GHz CW
Dim Control Output	0-10V, max 25mA sinking current
Detection Radius/angle	Max 26ft.(8m)/360
Mounting Height	Max 12ft
Humidity	Max: 95% RH
Temperature	-40°F~+158°F (-40#~+70#)

Sensor Coverage



Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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PROJECT:

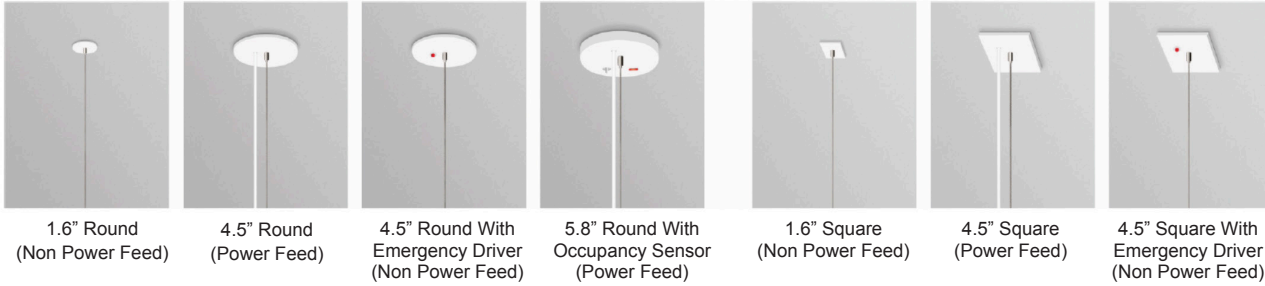
TYPE:

CATALOG#:

DATE:

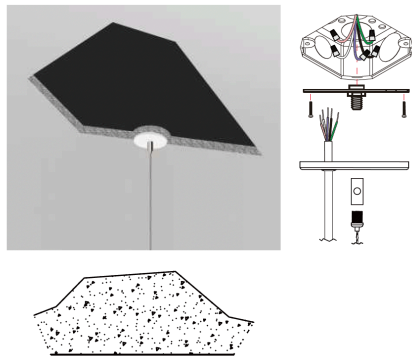
MOUNTING

Canopy Style



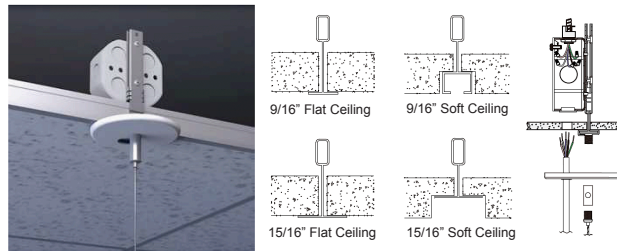
DRY CEILING / OFF GRID

"Various Hard Ceilings" (Mount to J-Box)



DRY CEILING / ON GRID

Suspending the luminaire in the T-Grid. Compatible for various T-Grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat.



*Please see the installation instruction for more details.

Pendant Accessories For Dry Ceiling

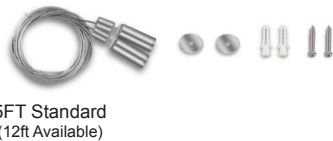
Canopy Kits



Power Cord Kits



Aircraft Cable Kits



Pendant Accessories For Drop Ceiling

Canopy Kits



Power Cord Kits



For 9/16" and 15/16" Flat Ceiling (2 Clips/Set)

For 9/16" Slot Ceiling (2 Clips/Set)

For 15/16" Slot Ceiling (2 Clips/Set)

Junction Box



Aircraft Cable Kits



Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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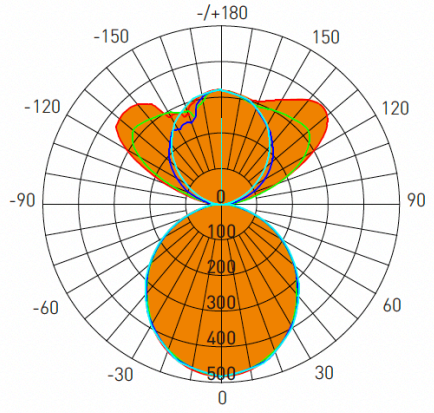
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VSL23ICCTADP / VSL33ICCTADP / VSL43ICCTADP / VSL83ICCTADP

PROJECT: _____ TYPE: _____ CATALOG#: _____ DATE: _____

2' / Diffuser / 3500K/
Up 50%, Down 50%



AVERAGE BEAM ANGLE[50%]: 360.0°

Watts: 20.20 W
LPW: 118.66 Lm/W
CCT: 3500K

UNIT: cd
 - C0/180, 360°
 - C30/210, 360°
 - C60/240, 360°
 - C90/270, 360°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	480.0	476.3	475.6	476.2	479.9
10	471.7	467.1	468.3	467.1	471.4
15	458.1	455.4	461.1	455.4	457.7
20	439.9	441.7	440.2	441.7	439.4
25	417.5	417.6	419.2	418.0	416.9
30	391.8	391.0	398.3	391.9	390.9
35	363.0	363.6	368.0	365.3	362.0
40	332.1	334.9	337.8	337.3	330.9
45	299.2	299.6	307.5	302.5	297.9
50	264.8	264.9	271.1	266.9	261.4
55	229.1	230.5	234.7	229.9	225.7
60	192.3	191.6	198.3	186.2	189.0
65	154.5	153.7	160.0	144.2	151.5
70	115.6	116.0	121.7	105.9	113.7
75	78.55	78.56	83.37	71.61	76.61
80	44.19	44.90	55.82	40.99	42.31
85	15.99	28.09	28.28	21.25	14.41
90	15.22	11.90	0.7287	2.242	12.51
95	35.04	33.20	12.77	23.78	37.18
100	60.69	54.28	24.80	45.12	64.58
105	99.67	93.03	36.84	82.14	106.0
110	158.5	132.5	60.57	120.4	165.6
115	227.6	168.8	84.29	158.5	234.9
120	299.8	200.0	108.0	193.0	306.6
125	356.5	225.4	134.4	221.7	357.3
130	387.1	241.2	160.9	239.8	372.3
135	393.9	254.1	187.3	254.6	373.5
140	381.2	265.5	210.7	267.3	365.7
145	359.2	269.4	234.1	271.3	343.0
150	339.3	273.3	257.4	274.3	281.6
155	320.4	279.9	272.5	279.5	283.2
160	307.7	289.3	287.6	288.6	266.4
165	304.0	297.1	302.7	296.4	296.3
170	309.1	306.7	308.3	306.0	312.3
175	317.2	314.2	313.8	314.1	320.0
180	319.4	319.4	319.4	319.4	322.4
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	11.45
5-10	45.19
10-15	99.93
15-20	173.6
20-25	263.1
25-30	365.1
30-35	476.2
35-40	592.0
40-45	708.9
45-50	822.9
50-55	929.9
55-60	1026
60-65	1109
65-70	1176
70-75	1225
75-80	1257
80-85	1275
85-90	1283
90-95	1293
95-100	1312
100-105	1344
105-110	1395
110-115	1465
115-120	1555
120-125	1657
125-130	1766
130-135	1874
135-140	1976
140-145	2069
145-150	2152
150-155	2224
155-160	2284
160-165	2332
165-170	2367
170-175	2390
175-180	2397
	UNIT: lm

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	3219	5692
80	4464	5640
75	5324	5651
70	5931	6242
65	6413	6642
60	6746	6958
55	7009	7180
50	7227	7400
45	7422	7630

Theoretical Lumens: XXX LM (subject to change)
 Theoretical Wattage: XXX W (subject to change)

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VONN, LLC.
 3323 NE 163rd St. PH-706
 North Miami Beach, FL 33160
 WWW.VONN.COM 888.604.8666

VONN, LLC. reserves the right to make any design changes for continuous improvement which will not affect the overall appearance or performance.



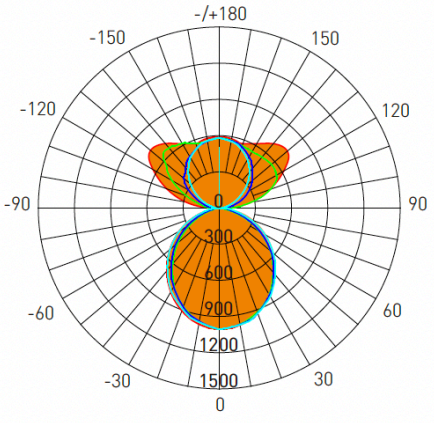
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PROJECT: _____ TYPE: _____ CATALOG#: _____ DATE: _____

4' / Diffuser / 3500K/
Up 50%,Down 50%



AVERAGE BEAM ANGLE[50%]: 360.0°

Watts: 38.09 W
LPW: 127.32 Lm/W
CCT: 3500K

UNIT: cd
 - C0/180, 360°
 - C30/210, 360°
 - C60/240, 360°
 - C90/270, 1360°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	1001	995.5	994.1	993.2	997.5
10	985.9	979.4	982.7	976.1	978.0
15	959.5	957.4	971.4	954.2	948.0
20	922.8	930.4	930.2	928.7	908.6
25	877.6	881.1	889.1	881.4	860.7
30	824.9	825.2	847.9	828.4	805.8
35	766.0	767.4	785.6	774.5	744.9
40	702.0	705.4	723.4	715.9	679.5
45	634.0	626.7	661.2	626.9	610.3
50	562.9	547.9	585.6	529.5	537.9
55	489.1	468.4	509.9	436.6	462.9
60	412.5	375.5	434.3	356.4	385.9
65	334.3	283.5	352.1	288.2	307.2
70	255.0	196.2	269.8	229.0	226.0
75	176.9	116.2	187.6	174.8	149.1
80	102.6	50.45	126.2	123.9	79.05
85	41.43	51.97	64.87	78.05	24.44
90	39.66	55.80	3.506	33.07	18.92
95	78.44	118.6	25.48	37.75	58.94
100	134.8	178.6	47.45	43.61	93.80
105	222.7	247.3	69.43	98.71	179.3
110	345.7	310.6	113.6	166.4	288.0
115	481.7	359.1	157.7	257.7	439.9
120	610.5	395.5	201.8	362.8	579.1
125	697.6	426.6	250.0	459.6	701.3
130	736.0	446.3	298.1	529.3	799.8
135	728.7	463.7	346.3	577.7	830.5
140	693.0	480.9	387.2	608.6	814.5
145	653.3	492.5	428.2	609.9	767.4
150	618.0	508.6	469.1	602.6	711.4
155	586.7	530.3	496.6	592.2	654.0
160	566.5	551.7	524.1	581.7	608.0
165	563.9	559.8	551.5	565.4	580.4
170	572.6	567.6	561.7	563.1	572.6
175	579.6	575.3	572.0	572.0	580.0
180	582.2	582.2	582.2	582.2	584.4
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	23.83
5-10	94.07
10-15	208.0
15-20	361.3
20-25	547.5
25-30	760.0
30-35	991.2
35-40	1233
40-45	1476
45-50	1712
50-55	1932
55-60	2129
60-65	2298
65-70	2434
70-75	2535
75-80	2603
80-85	2649
85-90	2678
90-95	2707
95-100	2752
100-105	2820
105-110	2918
110-115	3052
115-120	3217
120-125	3409
125-130	3617
130-135	3827
135-140	4028
140-145	4213
145-150	4378
150-155	4519
155-160	4636
160-165	4728
165-170	4794
170-175	4835
175-180	4849
	UNIT: lm

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	4134	6472
80	5140	6321
75	5942	6302
70	6484	6860
65	6878	7244
60	7174	7554
55	7415	7731
50	7615	7921
45	7797	8131

Theoretical Lumens: XXX LM (subject to change)
 Theoretical Wattage: XXX W (subject to change)

***Please note lumens and wattage are subject to change and will be determined post production of the first articles.
 *Any custom modifications are subject to minimum order quantity. (M.O.Q.)

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