

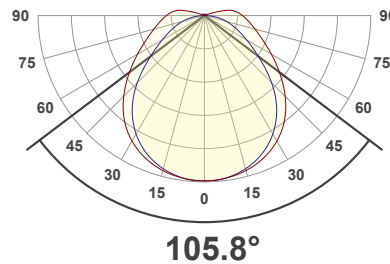
Sauna COB Light Engine

L3 - 2700K

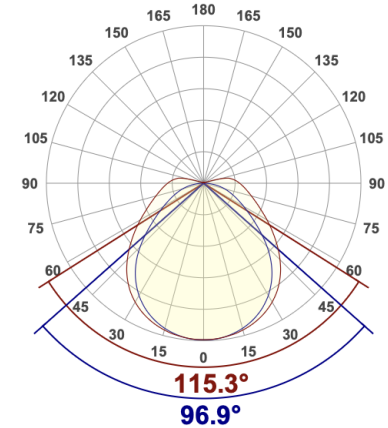
Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 15°	21.6 lm	
0° - 30°	80.1 lm	
0° - 45°	157 lm	
0° - 60°	223 lm	
0° - 75°	269 lm	
0° - 90°	298 lm	

Total Lumen Output: 317



Angular Distribution 0 – 90°

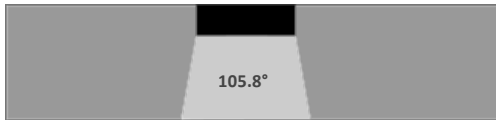


Beam Angle

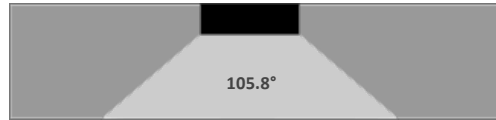
<60°

>60°

BEAM ANGLE



BEAM ANGLE



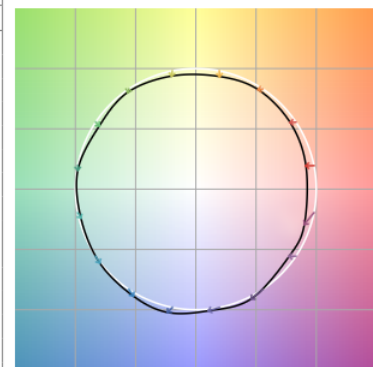
FootCandles

Distance	Foot Candles
1'	102 fcd
1.5'	46 fcd
2'	26 fcd
2.5'	16 fcd
3'	11 fcd
4'	6 fcd
5'	4 fcd
6'	3 fcd
9'	1 fcd
12'	1 fcd

Color Vector Graphic

		Graphic shifts (%)	
Hue Bin	R _f	Chroma	Hue
1	87	-7%	1%
2	91	-4%	2%
3	92	-3%	3%
4	93	-5%	-1%
5	94	-4%	1%
6	95	-2%	2%
7	93	-4%	1%
8	94	-1%	4%
9	91	-2%	5%
10	90	0%	6%
11	91	3%	6%
12	90	5%	-3%
13	88	1%	-9%
14	85	1%	-12%
15	89	-5%	-3%
16	83	-6%	-11%

Color Vector Graphic



Reference Test

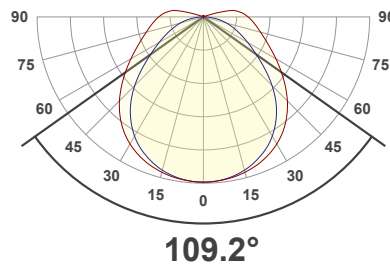
Sauna COB Light Engine

L3 - 3000K

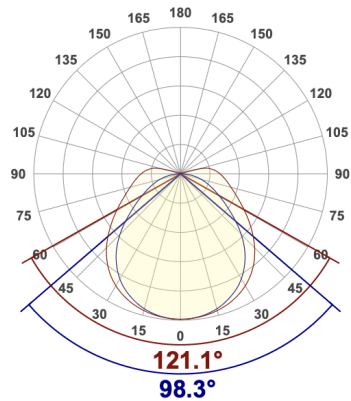
Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 15°	22.3 lm	
0° - 30°	83.2 lm	
0° - 45°	164 lm	
0° - 60°	236 lm	
0° - 75°	288 lm	
0° - 90°	321 lm	

Total Lumen Output: 343



Angular Distribution 0 – 90°

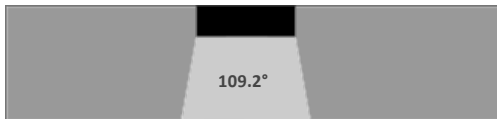


Beam Angle

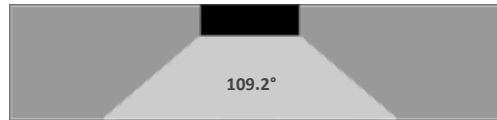
<60°

>60°

BEAM ANGLE



BEAM ANGLE



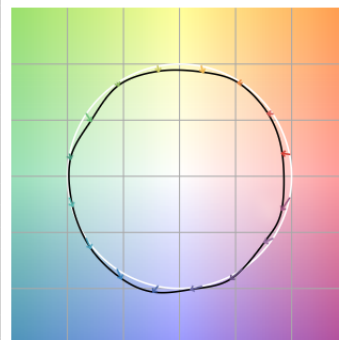
FootCandles

Distance	Foot Candles
1'	106 fcd
1.5'	47 fcd
2'	26 fcd
2.5'	17 fcd
3'	12 fcd
4'	7 fcd
5'	4 fcd
6'	3 fcd
9'	1 fcd
12'	1 fcd

Color Vector Graphic

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	87	-6%	2%
2	91	-3%	3%
3	93	-2%	3%
4	91	-5%	-2%
5	94	-5%	0%
6	95	-2%	0%
7	88	-7%	3%
8	94	-2%	4%
9	89	-1%	7%
10	86	2%	9%
11	89	5%	7%
12	89	6%	-3%
13	88	1%	-10%
14	84	1%	-13%
15	85	-4%	-7%
16	83	-5%	-11%

Color Vector Graphic



Reference Test

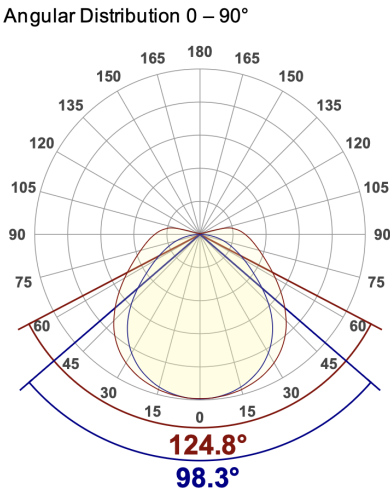
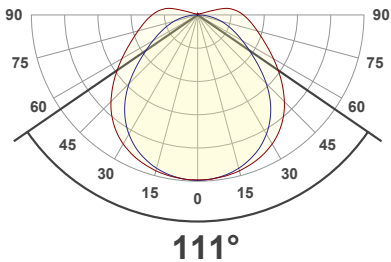
Sauna COB Light Engine

L3 - 3500K

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 15°	23.5 lm	
0° - 30°	88.1 lm	
0° - 45°	174 lm	
0° - 60°	253 lm	
0° - 75°	309 lm	
0° - 90°	346 lm	

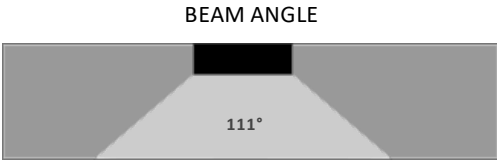
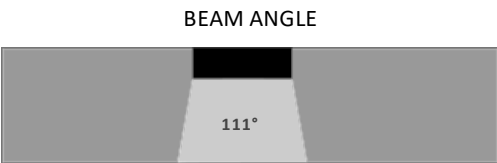
Total Lumen Output: 370



Beam Angle

<60°

>60°

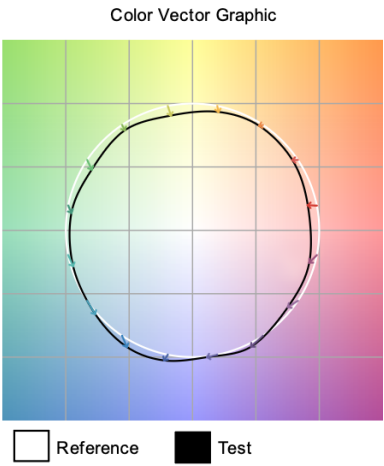


FootCandles

Distance	Foot Candles
1'	112 fcd
1.5'	50 fcd
2'	28 fcd
2.5'	18 fcd
3'	12 fcd
4'	7 fcd
5'	4 fcd
6'	3 fcd
9'	1 fcd
12'	1 fcd

Color Vector Graphic

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	86	-7%	2%
2	91	-4%	2%
3	93	-2%	2%
4	91	-4%	-2%
5	90	-8%	-1%
6	93	-5%	1%
7	88	-7%	4%
8	90	-4%	5%
9	86	-2%	9%
10	82	1%	12%
11	86	5%	8%
12	89	5%	-2%
13	89	0%	-8%
14	84	2%	-13%
15	83	-4%	-8%
16	83	-5%	-7%



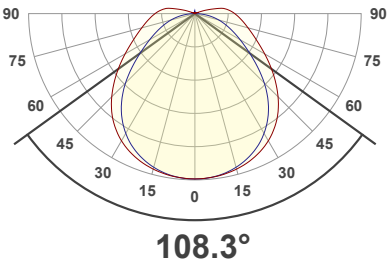
Sauna COB Light Engine

L3 - 4000K

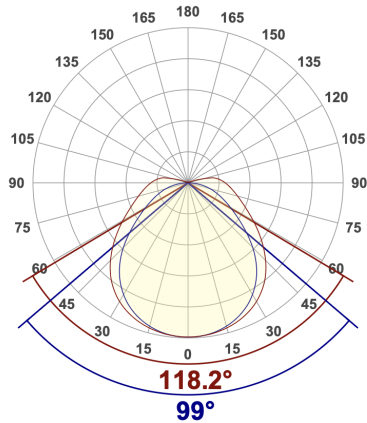
Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 15°	24.6 lm	
0° - 30°	91.9 lm	
0° - 45°	181 lm	
0° - 60°	260 lm	
0° - 75°	315 lm	
0° - 90°	350 lm	

Total Lumen Output: 372



Angular Distribution 0 – 90°

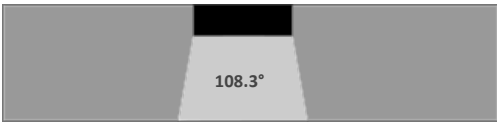


Beam Angle

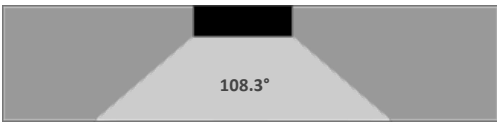
<60°

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BEAM ANGLE



BEAM ANGLE



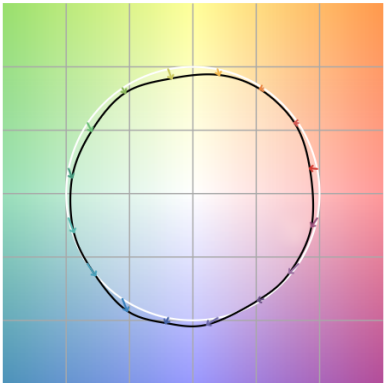
FootCandles

Distance	Foot Candles
1'	117 fcd
1.5'	52 fcd
2'	29 fcd
2.5'	19 fcd
3'	13 fcd
4'	7 fcd
5'	5 fcd
6'	3 fcd
9'	1 fcd
12'	1 fcd

Color Vector Graphic

Hue Bin	R _f	Graphic shifts (%)	
		Chroma	Hue
1	88	-6%	2%
2	93	-2%	2%
3	93	-2%	2%
4	91	-4%	-2%
5	90	-8%	-1%
6	93	-4%	0%
7	90	-6%	3%
8	88	-4%	6%
9	85	-2%	11%
10	83	0%	11%
11	85	6%	8%
12	91	4%	-1%
13	87	4%	-9%
14	91	-1%	-4%
15	83	-2%	-10%
16	84	-3%	-7%

Color Vector Graphic



Reference Test