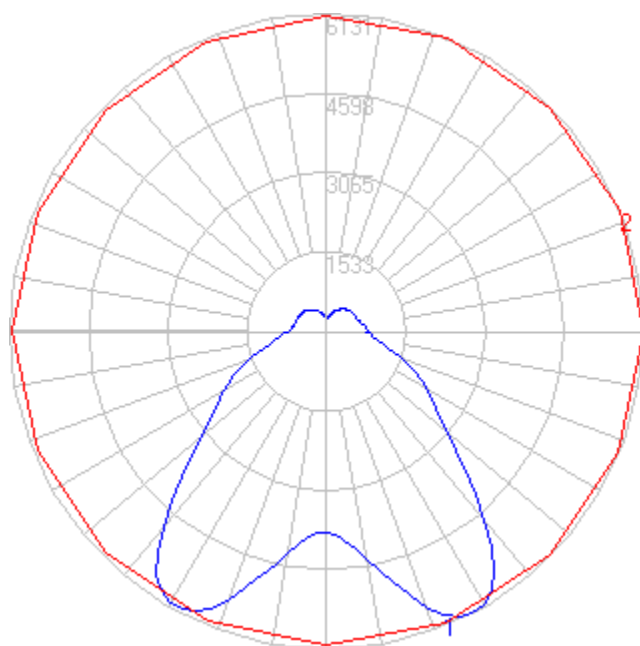




10163 US HWY 31 North, Charlevoix, MI 49720 231-547-6584

Test Report Number	06064
Date of Test	5/31/2017
Manufacturer	A.L.P.-LEXALITE
Catalog Number	BT-HL200W
Test Item	BETOP LED POD WITH 350 LEDS IN A CIRCULAR PATTERN WITH FLAT CLEAR LENS, S16 INTERFACE, AND MOONGLOW WIDEBAY LENS
Lamp	HL200W-350L
Operating Orientation	PENDENT
Driver Type	INTERNAL
Test Time	90 MINUTES
Ambient Temperature (C)	24.7
Stabilization Time	65 MINUTES
Power Factor	.992
Power (W)	197.75
Voltage(V)	120.00
Current(A)	1.6617
Notes	DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120Vac, 60Hz)
Luminous Flux	21517.76
Luminous Efficacy	108.81
Test Distance	22.25 FEET
Test Equipment	GONIOPHOTOMETER
LAB Test Method Reference	IESNA LM-79-08
Technician	CG
Spacing Criterion(0-180)	1.76
Spacing Criterion(90-270)	1.80
Spacing Criterion(diagonal)	1.60
Sample Width(mm)	
Sample Height/Depth(mm)	
Luminous Diameter/Length(mm)	
Luminous Width(mm)	
Luminous Height/Depth(mm)	



Coefficient of Utilization

Coefficients Of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW70	50	30	10		70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	115	115	115	115	110	110	110	110	101	101	101	93	93	93	86	86	86	83
1	104	99	94	90	99	95	91	87	87	84	81	80	78	75	74	72	70	67
2	94	86	79	73	90	82	76	71	76	71	67	70	66	62	65	62	59	55
3	86	75	67	61	82	72	65	59	67	61	56	62	57	53	57	53	50	47
4	79	67	58	51	75	64	56	50	60	53	47	55	50	45	51	46	43	40
5	72	60	51	44	69	57	49	43	53	46	41	50	44	39	46	41	37	34
6	67	53	45	38	64	52	43	37	48	41	36	45	39	34	42	37	33	30
7	62	48	40	34	59	47	39	33	44	37	32	41	35	30	38	33	29	27
8	57	44	36	30	55	43	35	29	40	33	28	37	31	27	35	30	26	24
9	53	40	32	27	51	39	31	26	36	30	25	34	28	24	32	27	23	21
10	50	37	29	24	48	36	28	24	34	27	23	32	26	22	30	25	21	19

Zonal Lumen Summary

	Summary Zonal Lumens	Zonal Lumens-% Lamp	Zonal Lumens-% Fixture
0-30	4568.44		21.23%
0-40	8151.01		37.88%
0-60	13497.56		62.73%
0-90	17699.37		82.25%
90-110	1463.29		6.80%
90-130	2618.76		12.17%
90-150	3486.09		16.20%
90-180	3818.39		17.75%

	Zonal Lumens		Zonal Lumens
0-10	382.52	170-180	26.14
10-20	1398.87	160-170	101.97
20-30	2787.05	150-160	204.19
30-40	3582.57	140-150	323.97
40-50	3013.63	130-140	543.36
50-60	2332.92	120-130	543.36
60-70	1931.01	110-120	612.11
70-80	1327.01	100-110	683.95
80-90	943.79	90-100	779.34

