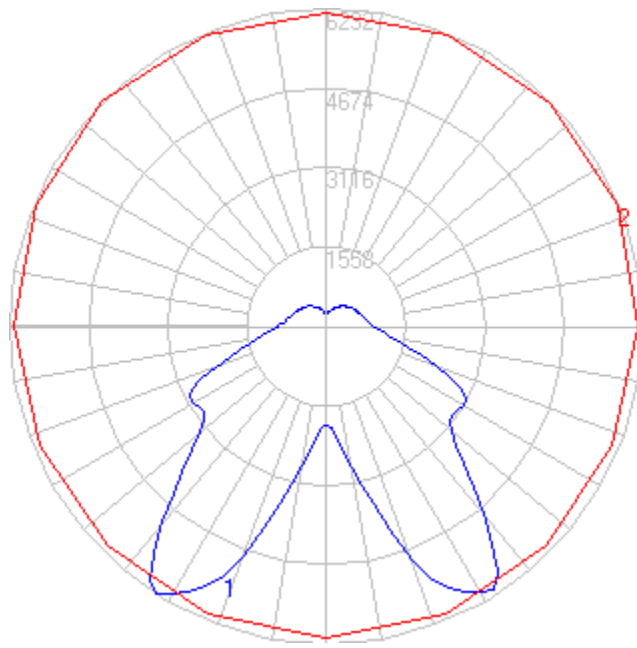


# LEXALITE®

an A.L.P. Lighting Brand

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

Test Report Number	06058
Date of Test	5/30/2017
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, LUMIEO S16 AND AC FC WIDEBAY LENS
Lamp	HL200W-350L
Operating Orientation	PENDENT
Driver Type	INTERNAL
Test Time	75 MINUTES
Ambient Temperature (C)	24.9
Stabilization Time	56 MINUTES
Power Factor	.992
Power (W)	198.16
Voltage(V)	119.96
Current(A)	1.6657
Notes	DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120Vac, 60Hz)
Luminous Flux	23362.82
Luminous Efficacy	117.90
Test Distance	22.25 FEET
Test Equipment	GONIOPHOTOMETER
LAB Test Method Reference	IESNA LM-79-08
Technician	CG
Spacing Criterion(0-180)	2.28
Spacing Criterion(90-270)	2.28
Spacing Criterion(diagonal)	2.18
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				0				
RW70	50	30	10		70	50	30	10		50	30	10		50	30	10	0				
0	115	115	115	115	110	110	110	110		102	102	102		94	94	94		86	86	86	83
1	103	97	92	88	98	93	89	85		86	82	79		79	76	73		73	70	68	65
2	93	83	76	70	88	80	73	67		74	68	63		68	63	59		62	59	55	52
3	84	72	64	57	80	70	62	55		64	57	52		59	53	49		54	50	46	43
4	76	64	54	47	73	61	53	46		56	49	43		52	46	41		48	43	39	36
5	70	56	47	40	66	54	45	39		50	43	37		46	40	35		43	37	33	30
6	64	50	41	34	61	48	40	33		45	37	32		41	35	30		38	33	29	26
7	59	45	36	30	56	44	35	29		40	33	28		37	31	26		35	29	25	23
8	55	41	32	26	52	39	31	26		37	30	24		34	28	23		32	26	22	20
9	51	37	29	23	49	36	28	23		33	27	22		31	25	21		29	24	20	18
10	48	34	26	21	45	33	25	20		31	24	19		29	23	18		27	21	18	16

## Zonal Lumen Summary

	Summary Zonal Lumens	Zonal Lumens-% Lamp	Zonal Lumens-% Fixture
0-30	3836.14		16.42%
0-40	7590.63		32.49%
0-60	13244.92		56.69%
0-90	19251.16		82.40%
90-110	1724.10		7.38%
90-130	2946.04		12.61%
90-150	3803.26		16.28%
90-180	4111.66		17.60%

	Zonal Lumens		Zonal Lumens
0-10	209.19	170-180	25.14
10-20	1020.16	160-170	95.11
20-30	2606.79	150-160	188.15
30-40	3754.49	140-150	303.07
40-50	3010.56	130-140	554.15
50-60	2643.73	120-130	554.15
60-70	2927.08	110-120	667.79
70-80	1840.73	100-110	788.37
80-90	1238.43	90-100	935.73



