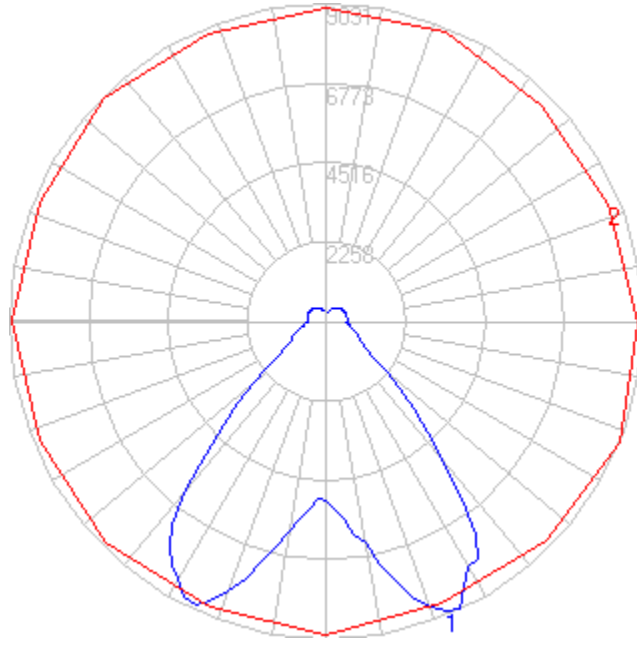


# LEXALITE®

an A.L.P. Lighting Brand

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

Test Report Number	06060
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, S16 INTERFACE, AND AC FC 16" C.D.L.
Lamp	HL200W-350L
Operating Orientation	PENDENT
Driver Type	INTERNAL
Test Time	75 MINUTES
Ambient Temperature (C)	25.4
Stabilization Time	47 MINUTES
Power Factor	.992
Power (W)	197.71
Voltage(V)	119.98
Current(A)	1.6619
Notes	DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120Vac, 60Hz)
Luminous Flux	21713.45
Luminous Efficacy	109.82
Test Distance	22.25 FEET
Test Equipment	GONIOPHOTOMETER
LAB Test Method Reference	IESNA LM-79-08
Technician	CG
Spacing Criterion(0-180)	1.68
Spacing Criterion(90-270)	1.70
Spacing Criterion(diagonal)	1.44
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	0			
0	115	115	115	115	111	111	111	111	111	103	103	103		95	95	95	88	88	88	85
1	106	102	98	94	102	98	94	91	91	91	88	86		84	82	80	78	77	75	72
2	98	90	84	79	94	87	82	77	77	81	77	73		76	72	69	71	68	65	63
3	90	81	74	68	86	78	72	66	66	73	68	63		68	64	60	64	60	57	55
4	83	73	65	59	80	70	63	58	58	66	60	55		62	57	53	58	54	51	48
5	77	66	58	52	74	64	56	51	51	60	54	49		56	51	47	53	49	45	43
6	72	60	52	46	69	58	50	45	45	55	48	43		52	46	42	49	44	40	38
7	67	54	46	41	64	53	46	40	40	50	44	39		47	42	38	45	40	36	34
8	62	50	42	37	60	49	41	36	36	46	40	35		44	38	34	41	37	33	31
9	58	46	38	33	56	45	38	33	33	42	36	32		40	35	31	38	33	30	28
10	55	42	35	30	53	41	34	30	30	39	33	29		37	32	28	36	31	27	26

## Zonal Lumen Summary

	Summary Zonal Lumens	Zonal Lumens-% Lamp	Zonal Lumens-% Fixture
0-30	6693.68		30.83%
0-40	11521.74		53.06%
0-60	15809.03		72.81%
0-90	18304.36		84.30%
90-110	1213.64		5.59%
90-130	2289.76		10.55%
90-150	3098.74		14.27%
90-180	3409.09		15.70%

	Zonal Lumens		Zonal Lumens
0-10	521.79	170-180	24.33
10-20	2074.94	160-170	95.13
20-30	4096.95	150-160	190.89
30-40	4828.06	140-150	302.91
40-50	2961.35	130-140	506.07
50-60	1325.94	120-130	506.07
60-70	1029.57	110-120	570.05
70-80	817.05	100-110	605.97
80-90	648.71	90-100	607.67



