

### Luminaire Photograph



Light Output Ratio:	20.2%	
Luminaire Power:	10.99 W	
SHR Nominal:	1.00	Calculated using the TM5
SHR Maximum:	1.00	fine grid method.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC: PL-0101B+PM-0144B+NH-1257  
NOT DRIVER: 48V  
30minutes warm-up

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

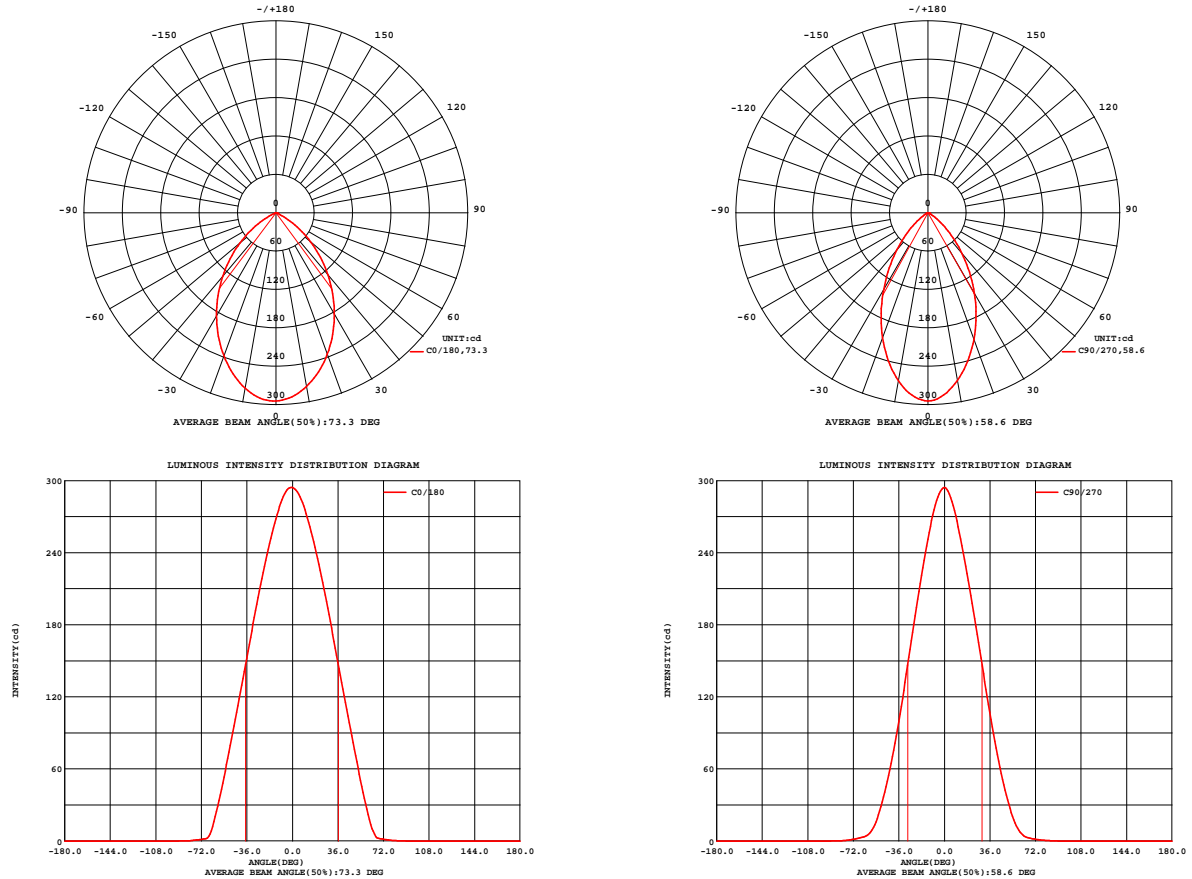


Fig. C0/C180

Fig. C90/C270

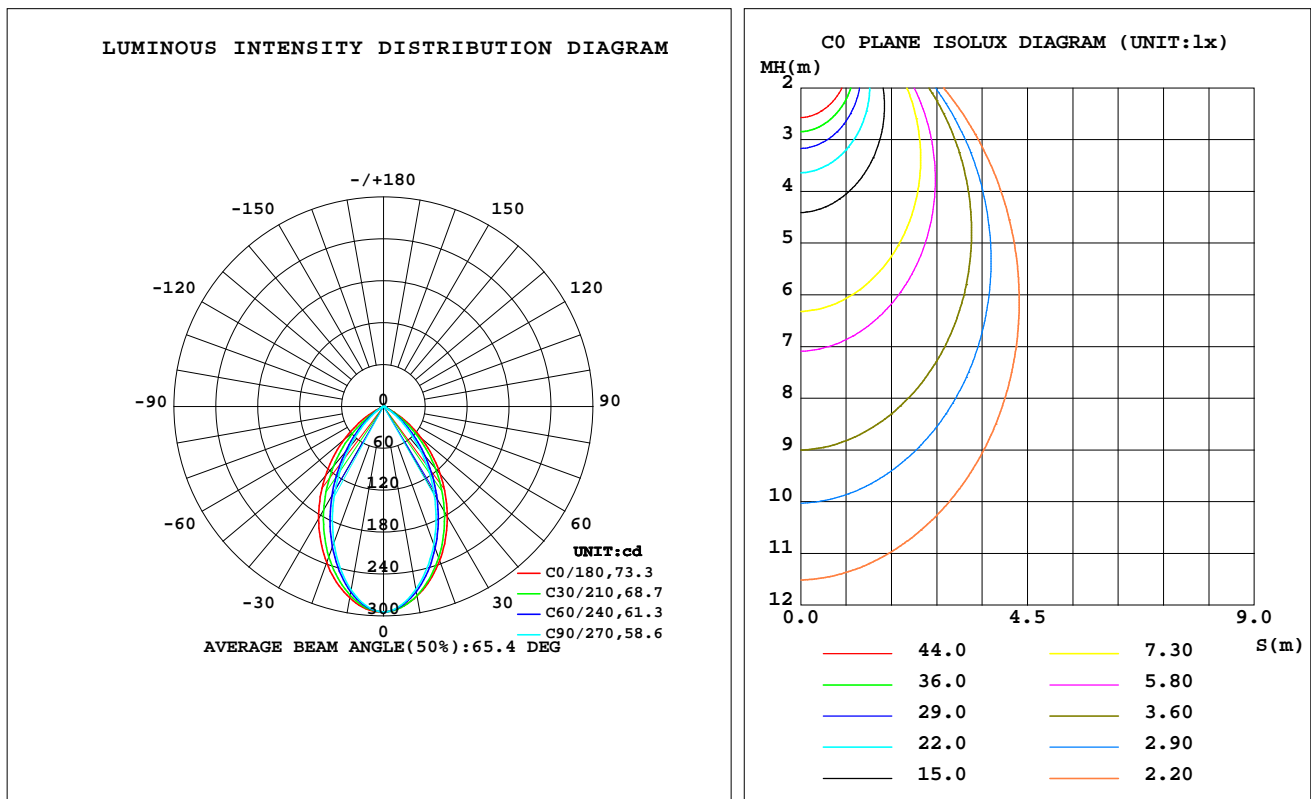
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: zoe  
Test Date: 2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: HL-A-2835D90W-2-S1-08L-HR5 Ra: 90  
PC: PL-0101B+PM-0144B+NH-1257  
NOT DRIVER: 48V  
30minutes warm-up

## LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz Lamp Flux:1762.4x1 lm		
NAME: OZ48-P2HL-6	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501210024
MFR.: RISE	SUR.: 0.009408m2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 32.34 lm/W			
MODEL	HONGLI	I <sub>max</sub> (cd)	294.4	S/MH(C0/180)	1.00
NOMINAL POWER(W)	11	LOR(%)	20.2	S/MH(C90/270)	0.84
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	355.32	UP,DN(C0-180)	0.0,10.2
NOMINAL FLUX(lm)	1762.4	CIE CLASS	DIRECT	UP,DN(C180-360)	0.0,9.9
LAMPS INSIDE	1	up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	48	down(%)	20.2	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

	C0	C45	C90	C135	C180	C225	C270	C315		zone	total	%lum,lamp
10	275.7	272.2	266.3	270.5	278.5	272.2	266.8	271.0	0- 10	26.95	26.95	7.59,1.53
20	235.1	223.5	210.6	221.8	238.3	221.7	207.8	220.9	10- 20	69.63	96.58	27.2,5.48
30	182.9	164.4	145.6	162.7	186.2	159.9	138.9	159.7	20- 30	88.30	184.9	52,10.5
40	126.5	104.3	83.11	102.9	129.7	98.25	75.53	98.53	30- 40	81.93	266.8	75.1,15.1
50	71.08	50.74	34.18	49.79	74.05	45.16	28.64	46.01	40- 50	57.23	324.0	91.2,18.4
60	22.04	12.15	7.456	11.16	24.51	9.033	5.475	9.405	50- 60	25.53	349.6	98.4,19.8
70	1.788	1.713	1.853	1.489	1.605	1.670	1.797	1.563	60- 70	4.622	354.2	99.7,20.1
80	0.4274	0.4254	0.4597	0.3475	0.3460	0.2747	0.3113	0.3124	70- 80	0.9682	355.2	100,20.2
90	0	0	0	0	0	0	0	0	80- 90	0.1522	355.3	100,20.2
100	0	0	0	0	0	0	0	0	90-100	0	355.3	100,20.2
110	0	0	0	0	0	0	0	0	100-110	0	355.3	100,20.2
120	0	0	0	0	0	0	0	0	110-120	0	355.3	100,20.2
130	0	0	0	0	0	0	0	0	120-130	0	355.3	100,20.2
140	0	0	0	0	0	0	0	0	130-140	0	355.3	100,20.2
150	0	0	0	0	0	0	0	0	140-150	0	355.3	100,20.2
160	0	0	0	0	0	0	0	0	150-160	0	355.3	100,20.2
170	0	0	0	0	0	0	0	0	160-170	0	355.3	100,20.2
180	0	0	0	0	0	0	0	0	170-180	0	355.3	100,20.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up

### LUMINANCE LIMITATION CURVES

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz  
Lamp Flux:1762.4x1 lm

NAME: OZ48-P2HL-6

TYPE:

WEIGHT:

SPEC.: 3000K

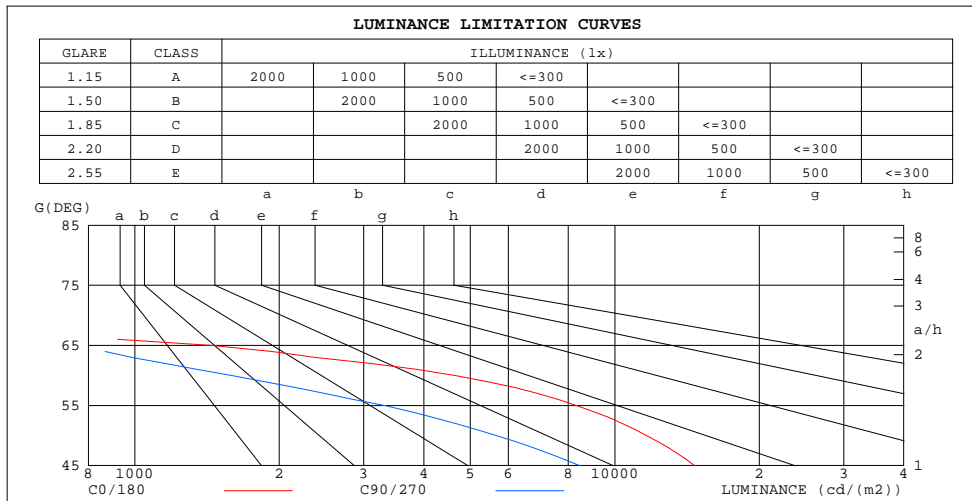
DIM.:

SERIAL No.: 2501210024

MFR.: RISE

SUR.: 0.009408m2

Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	117	240
80	259	282
75	388	417
70	551	578
65	1443	784
60	4644	1590
55	8327	3317
50	11651	5670
45	14666	8460

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

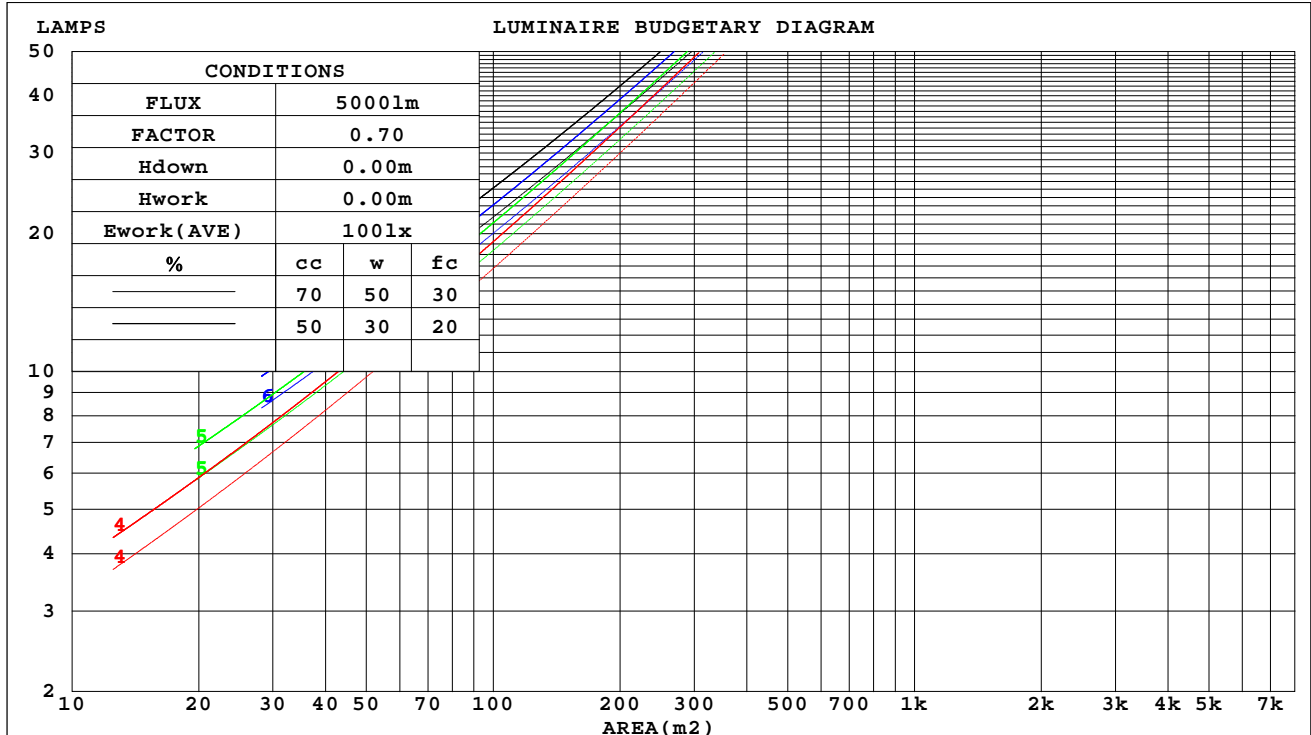
Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz  
Lamp Flux:1762.4x1 lm

NAME: OZ48-P2HL-6	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501210024
MFR.: RISE	SUR.: 0.009408m2	Shielding Angle:

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up

### WEC AND CCEC

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz Lamp Flux:1762.4x1 lm		
NAME: OZ48-P2HL-6	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501210024
MFR.: RISE	SUR.: 0.009408m2	Shielding Angle:

cc	80%			70%			50%			30%			10%			0	
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
fc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)										
0.0																	
1.0	.041	.023	.007	.040	.023	.007	.037	.021	.007	.035	.020	.006	.033	.019	.006		
2.0	.040	.022	.007	.039	.022	.007	.037	.020	.006	.035	.020	.006	.033	.019	.006		
3.0	.039	.021	.006	.038	.020	.006	.036	.019	.006	.034	.019	.006	.032	.018	.006		
4.0	.037	.019	.006	.036	.019	.006	.034	.018	.005	.033	.018	.005	.031	.017	.005		
5.0	.035	.018	.005	.034	.018	.005	.033	.017	.005	.031	.017	.005	.030	.016	.005		
6.0	.033	.017	.005	.033	.016	.005	.031	.016	.005	.030	.016	.005	.029	.015	.005		
7.0	.032	.016	.004	.031	.015	.004	.030	.015	.004	.029	.015	.004	.028	.014	.004		
8.0	.030	.015	.004	.030	.015	.004	.029	.014	.004	.028	.014	.004	.027	.014	.004		
9.0	.029	.014	.004	.028	.014	.004	.027	.014	.004	.026	.013	.004	.026	.013	.004		
10.0	.027	.013	.004	.027	.013	.004	.026	.013	.004	.025	.013	.004	.025	.012	.004		

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.038	.038	.038	.033	.033	.033	.022	.022	.022	.013	.013	.013	.004	.004	.004	
1.0	.035	.032	.029	.030	.027	.025	.020	.019	.017	.012	.011	.010	.004	.003	.003	
2.0	.032	.027	.022	.028	.023	.019	.019	.016	.013	.011	.009	.008	.004	.003	.003	
3.0	.030	.023	.017	.026	.020	.015	.018	.014	.010	.010	.008	.006	.003	.003	.002	
4.0	.028	.020	.014	.024	.017	.012	.017	.012	.008	.010	.007	.005	.003	.002	.002	
5.0	.027	.018	.011	.023	.015	.010	.016	.011	.007	.009	.006	.004	.003	.002	.001	
6.0	.025	.016	.009	.022	.014	.008	.015	.010	.006	.009	.006	.003	.003	.002	.001	
7.0	.024	.015	.008	.021	.013	.007	.014	.009	.005	.008	.005	.003	.003	.002	.001	
8.0	.023	.013	.007	.020	.012	.006	.014	.008	.004	.008	.005	.002	.003	.002	.001	
9.0	.022	.012	.006	.019	.011	.005	.013	.008	.004	.008	.004	.002	.002	.001	.001	
10.0	.021	.011	.005	.018	.010	.004	.013	.007	.003	.007	.004	.002	.002	.001	.001	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up

## UGR(Unified Glare Rating) Table

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz Lamp Flux:1762.4x1 lm										
NAME: OZ48-P2HL-6					TYPE:			WEIGHT:		
SPEC.: 3000K					DIM.:			SERIAL No.: 2501210024		
MFR.: RISE					SUR.: 0.009408m2			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	17.0	18.1	17.2	18.3	18.5	14.5	15.7	14.8	15.8	16.0
3H	16.8	17.9	17.1	18.1	18.3	14.4	15.4	14.6	15.6	15.8
4H	16.7	17.7	17.0	17.9	18.2	14.3	15.3	14.6	15.5	15.7
6H	16.6	17.6	17.0	17.8	18.1	14.2	15.1	14.5	15.4	15.6
8H	16.6	17.5	16.9	17.7	18.0	14.2	15.0	14.5	15.3	15.6
12H	16.6	17.4	16.9	17.7	18.0	14.1	14.9	14.4	15.2	15.5
4H 2H	16.8	17.8	17.1	18.0	18.2	14.4	15.4	14.7	15.7	15.9
3H	16.6	17.5	17.0	17.7	18.0	14.3	15.1	14.6	15.4	15.7
4H	16.5	17.3	16.9	17.6	17.9	14.2	15.0	14.6	15.3	15.6
6H	16.4	17.1	16.8	17.4	17.8	14.1	14.8	14.5	15.1	15.5
8H	16.4	17.0	16.8	17.4	17.7	14.1	14.7	14.5	15.1	15.4
12H	16.4	16.9	16.8	17.3	17.7	14.0	14.6	14.5	15.0	15.4
8H 4H	16.4	17.0	16.8	17.4	17.7	14.1	14.7	14.5	15.1	15.4
6H	16.3	16.8	16.7	17.2	17.6	14.0	14.5	14.4	14.9	15.3
8H	16.3	16.7	16.7	17.1	17.6	14.0	14.4	14.4	14.8	15.3
12H	16.2	16.6	16.7	17.0	17.5	13.9	14.3	14.4	14.7	15.2
12H 4H	16.3	16.9	16.8	17.3	17.7	14.0	14.6	14.5	15.0	15.4
6H	16.3	16.7	16.7	17.1	17.6	14.0	14.4	14.4	14.8	15.3
8H	16.2	16.6	16.7	17.0	17.5	13.9	14.3	14.4	14.7	15.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.5 / - 2.6					+ 2.1 / - 5.7				
1.5H	+ 1.3 / - 2.4					+ 1.8 / - 2.7				
2.0H	+ 3.9 / - 9.1					+ 4.0 / - 9.1				

CIE Pub.117, 1762 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.0)  
Area: 0.009408 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up



### UTILIZATION FACTORS TABLE

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz Lamp Flux:1762.4x1 lm		
NAME: OZ48-P2HL-6	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501210024
MFR.: RISE	SUR.: 0.009408m2	Shielding Angle:

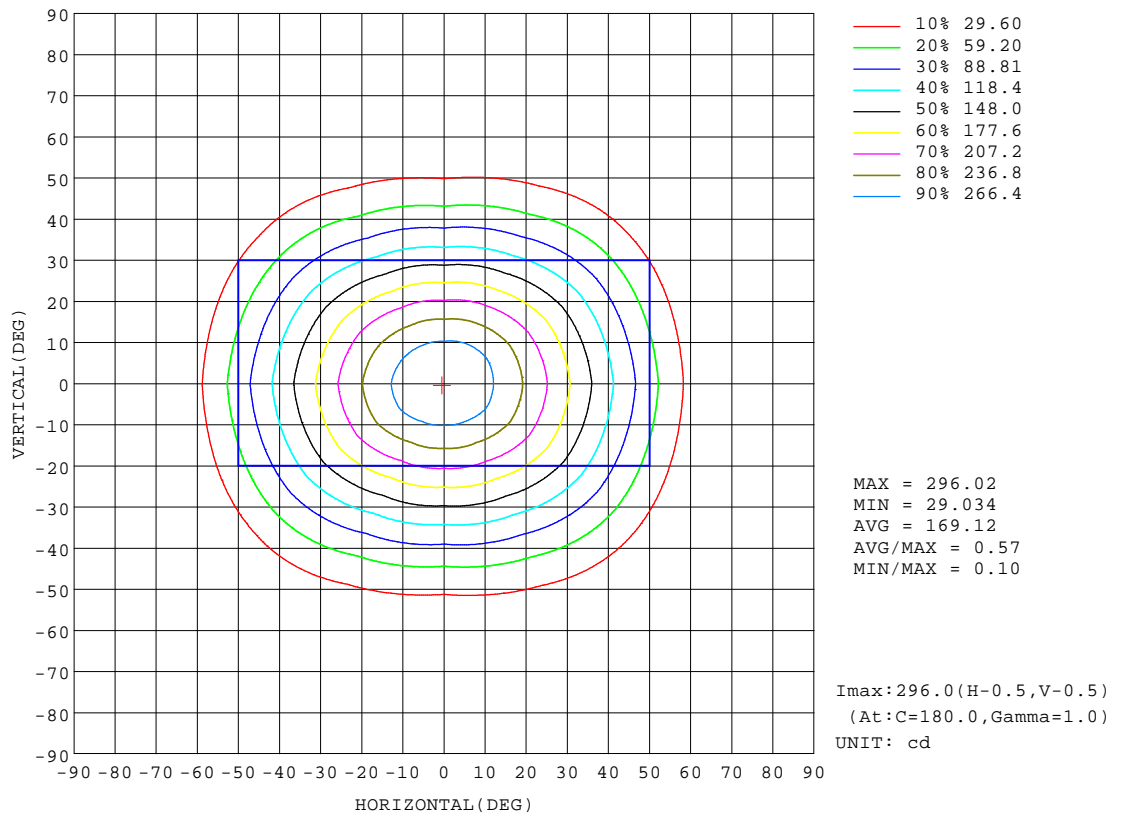
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	15	13	12	15	13	12	15	13	12	11
0.80	17	15	14	17	15	14	17	15	14	13
1.00	18	17	16	18	17	16	18	17	16	15
1.25	20	18	17	19	18	17	19	18	17	16
1.50	20	19	18	20	19	18	20	19	18	17
2.00	21	20	19	21	20	19	20	20	19	18
2.50	22	21	20	21	20	20	21	20	19	18
3.00	22	21	21	22	21	20	21	20	20	18
4.00	23	22	21	22	21	21	21	21	20	19
5.00	23	22	22	22	22	21	22	21	21	19
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up

## ISOCANDELA DIAGRAM

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz Lamp Flux:1762.4x1 lm		
NAME: OZ48-P2HL-6	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501210024
MFR.: RISE	SUR.: 0.009408m2	Shielding Angle:

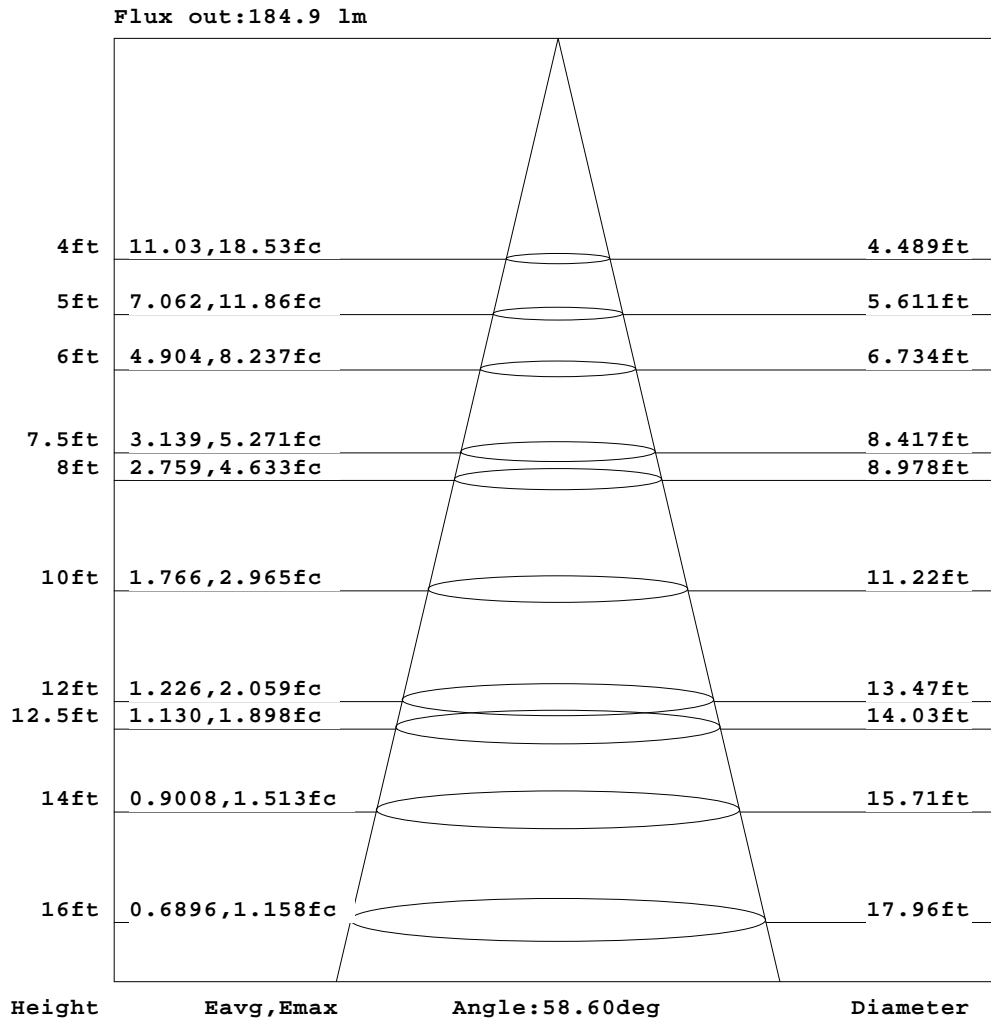


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up

## AAI Figure

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz Lamp Flux:1762.4x1 lm		
NAME: OZ48-P2HL-6	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501210024
MFR.: RISE	SUR.: 0.009408m2	Shielding Angle:



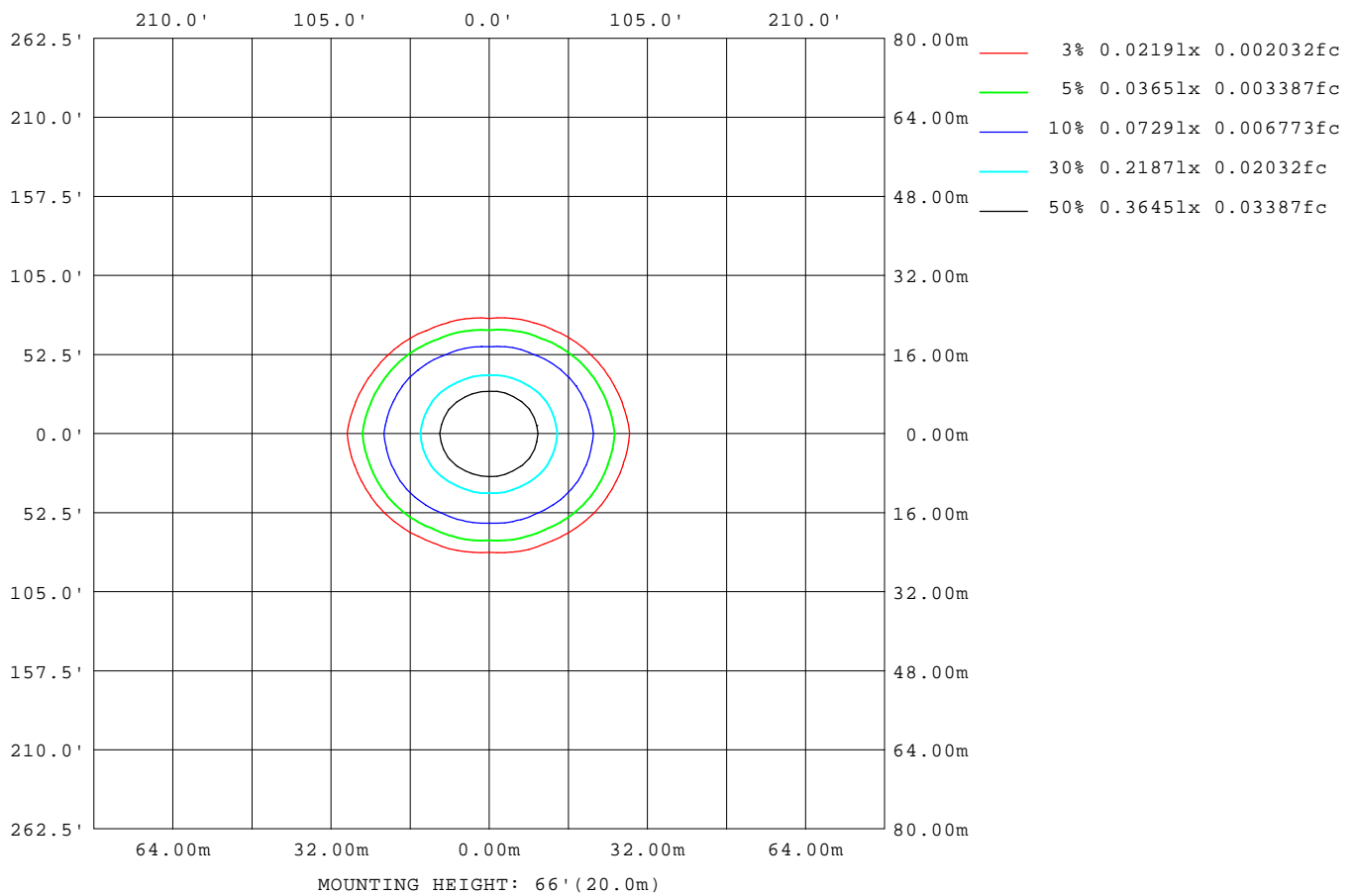
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: zoe  
Test Date: 2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 3.160m [K=1.0000]  
Remarks: LAMP: HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC: PL-0101B+PM-0144B+NH-1257  
NOT DRIVER: 48V  
30minutes warm-up

## ISOLUX DIAGRAM

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz Lamp Flux:1762.4x1 lm		
NAME: OZ48-P2HL-6	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501210024
MFR.: RISE	SUR.: 0.009408m2	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up

## LED Avg.L Report

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz Lamp Flux:1762.4x1 lm		
NAME: OZ48-P2HL-6	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501210024
MFR.: RISE	SUR.: 0.009408m2	Shielding Angle:

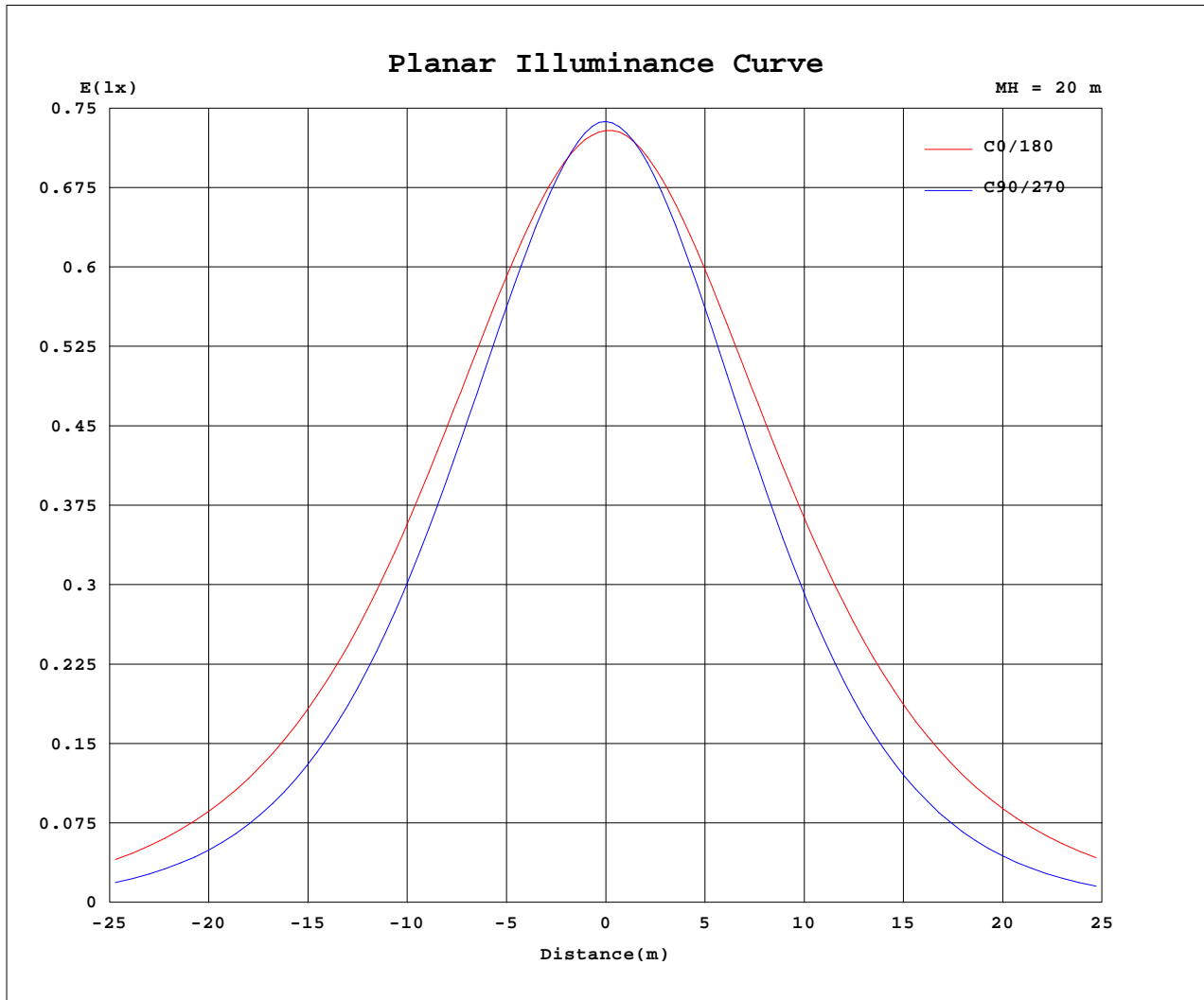
AvgL	cd/m2
L_0~180(65)av	1442
L_0~180(75)av	384
L_0~180(85)av	103
L_90~270(65)av	765
L_90~270(75)av	388
L_90~270(85)av	169
L_45(65)av	772
L_45(75)av	342
L_45(85)av	157

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up

## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators: zoe  
 Test Date: 2025-1-21

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 3.160m [K=1.0000]  
 Remarks: LAMP: HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
 PC: PL-0101B+PM-0144B+NH-1257  
 NOT DRIVER: 48V  
 30minutes warm-up

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:47.997V I:0.2289A P:10.986W PF:1.0000 Freq:0Hz Lamp Flux:1762.4x1 lm		
NAME: OZ48-P2HL-6	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.: 2501210024
MFR.: RISE	SUR.: 0.009408m2	Shielding Angle:

Table--1

UNIT: cd

C(DEC) (DEC)	0	30	60	90	120	150	180	210	240	270	300	330						
0	294	294	294	294	294	294	294	294	294	294	294	294						
5	289	289	287	286	286	289	291	289	288	286	287	288						
10	276	275	269	266	267	274	278	275	270	267	269	273						
15	257	255	245	240	243	254	260	254	244	240	244	252						
20	235	231	216	211	214	230	238	229	214	208	215	227						
25	210	204	186	178	183	203	213	201	182	174	182	199						
30	183	175	154	146	151	174	186	172	148	139	149	170						
35	155	145	123	113	120	145	158	141	115	106	117	140						
40	127	116	93.0	83.1	90.7	115	130	111	85.1	75.5	86.5	111						
45	98.4	86.7	65.7	56.1	63.9	86.5	101	82.2	58.5	49.7	59.9	81.9						
50	71.1	59.3	42.2	34.2	40.6	59.0	74.0	54.4	35.9	28.6	37.4	54.7						
55	45.3	34.4	23.2	17.8	21.9	33.9	48.1	30.0	18.2	13.5	19.2	30.5						
60	22.0	15.0	9.31	7.46	8.04	14.3	24.5	12.2	5.86	5.48	6.11	12.7						
65	5.79	4.49	2.88	3.11	2.47	3.58	5.68	3.58	2.71	2.97	2.55	3.46						
70	1.79	1.75	1.67	1.85	1.46	1.52	1.60	1.70	1.64	1.80	1.54	1.59						
75	0.95	0.92	0.93	1.01	0.83	0.80	0.92	0.88	0.84	0.88	0.80	0.76						
80	0.43	0.40	0.45	0.46	0.38	0.31	0.35	0.27	0.28	0.31	0.32	0.30						
85	0.10	0.13	0.19	0.20	0.17	0.12	0.07	0.10	0.10	0.08	0.12	0.09						
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:zoe  
Test Date:2025-1-21

Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:HL-A-2835D90W-2-S1-08L-HR5 Ra:90  
PC:PL-0101B+PM-0144B+NH-1257  
NOT DRIVER:48V  
30minutes warm-up