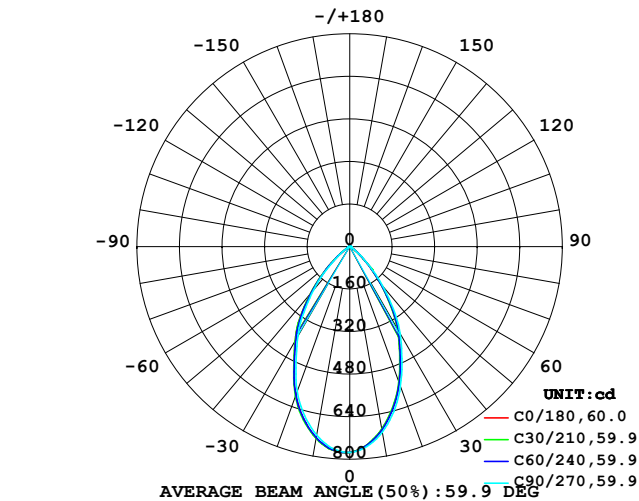


LUMINAIRE PHOTOMETRIC TEST REPORT

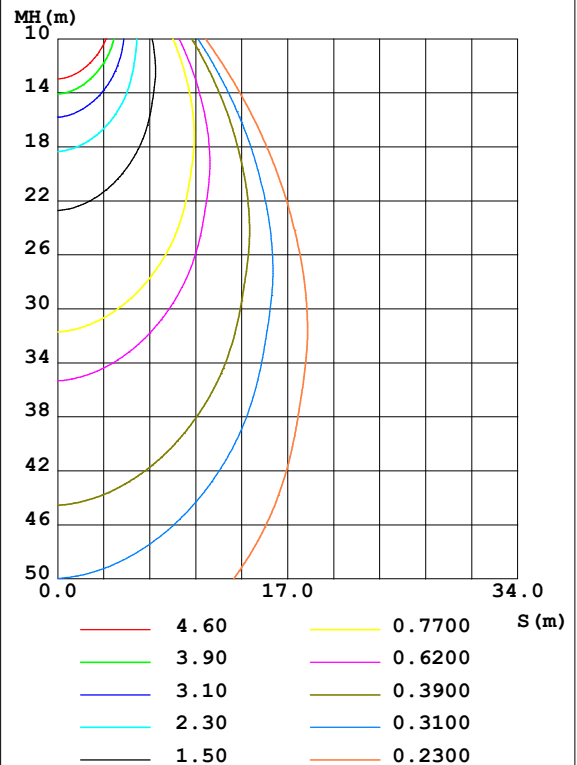
Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.38 lm/W			
MODEL		I _{max} (cd)	775.2	S/MH (C0/180)	0.90
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.88
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	786.35	η UP, DN (C0-180)	0.0, 49.5
NOMINAL FLUX (lm)	786.348	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.5
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	24	η down (%)	100.0	CIBSE SHR MAX	0.95

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2025-06-26

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	697.6	699.7	707.8	725.9	730.6	729.6	719.9	699.7	0- 10	70.88	70.88	9.01,9.01
20	544.4	546.9	558.2	590.6	593.2	591.4	579.8	544.7	10- 20	181.1	252.0	32,32
30	362.1	364.5	380.8	407.4	411.0	408.3	391.6	364.9	20- 30	216.8	468.8	59.6,59.6
40	181.2	183.3	191.9	223.5	227.6	223.2	210.7	181.0	30- 40	183.4	652.2	82.9,82.9
50	50.95	52.83	54.98	67.01	68.02	68.98	62.53	49.33	40- 50	94.61	746.8	95,95
60	8.616	8.298	8.488	10.25	10.34	10.92	10.57	8.709	50- 60	24.46	771.3	98.1,98.1
70	5.093	4.627	4.552	4.722	4.992	5.702	5.785	5.258	60- 70	6.529	777.8	98.9,98.9
80	3.592	3.338	3.426	3.731	3.905	4.341	4.340	3.653	70- 80	4.562	782.4	99.5,99.5
90	0.4215	0.3836	0.4194	1.490	0.0435	0.0901	0.0609	0.0526	80- 90	3.710	786.1	100,100
100	0.4097	0.4097	0.4010	0.4184	0.0349	0.0436	0.0523	0.0610	90-100	0.2535	786.3	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0122	786.3	100,100
120	0	0	0	0	0	0	0	0	110-120	0	786.3	100,100
130	0	0	0	0	0	0	0	0	120-130	0	786.3	100,100
140	0	0	0	0	0	0	0	0	130-140	0	786.3	100,100
150	0	0	0	0	0	0	0	0	140-150	0	786.3	100,100
160	0	0	0	0	0	0	0	0	150-160	0	786.3	100,100
170	0	0	0	0	0	0	0	0	160-170	0	786.3	100,100
180	0	0	0	0	0	0	0	0	170-180	0	786.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 711.47 lm

%lum = 90.5%

%lamp = 90.5%

Conical surface Flux(120deg): 771.28 lm

%lum = 98.1%

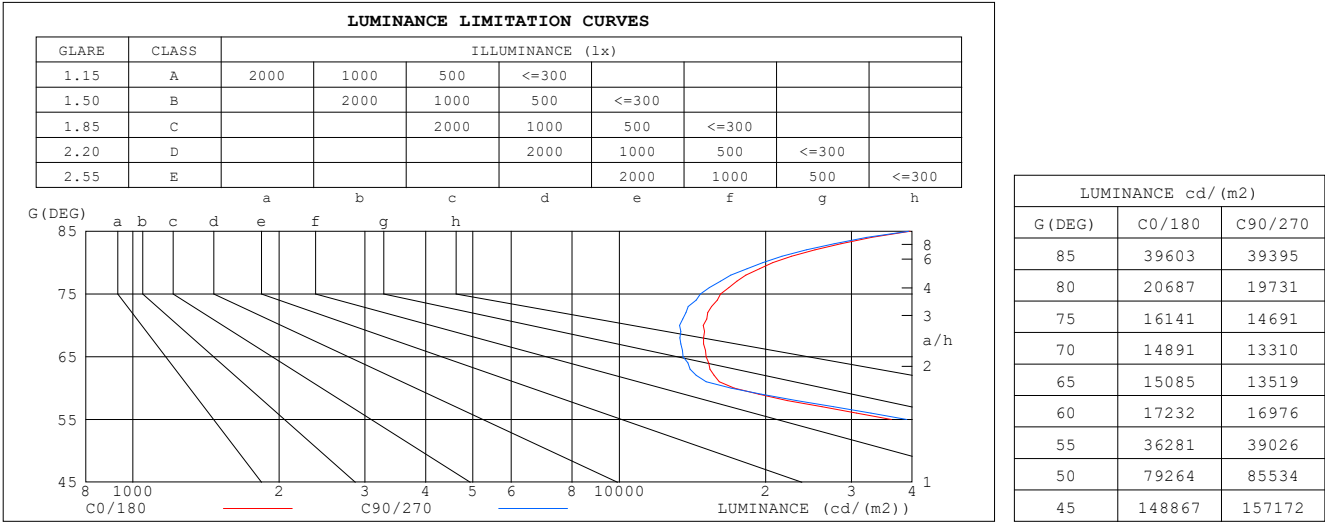
%lamp = 98.1%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-06-26

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:



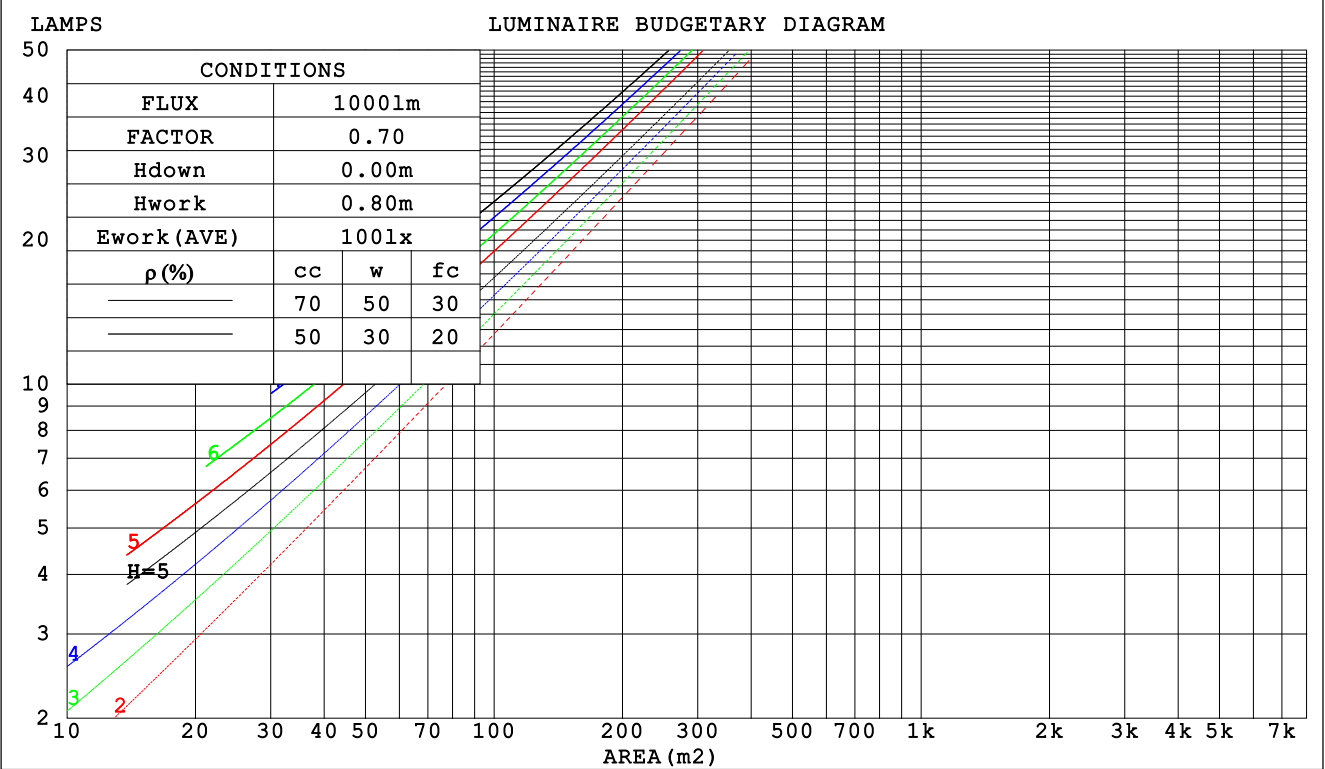
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.10	1.07	1.04	1.08	1.05	1.03	1.03	1.01	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.93	.88	.83	.92	.87	.83	.89	.85	.81	.87	.83	.80	.84	.81	.79	.77
4.0	.86	.80	.76	.85	.80	.75	.83	.78	.74	.81	.77	.73	.79	.76	.73	.71
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.76	.71	.68	.74	.70	.67	.65
6.0	.75	.68	.63	.74	.68	.63	.72	.67	.63	.71	.66	.62	.69	.65	.62	.60
7.0	.70	.63	.59	.69	.63	.58	.68	.62	.58	.66	.61	.58	.65	.61	.57	.56
8.0	.65	.59	.54	.65	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.53	.52
9.0	.61	.55	.50	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.48
10.0	.57	.51	.47	.57	.51	.47	.56	.51	.47	.55	.50	.47	.55	.50	.47	.45



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:

pcc	80%	70%	50%	30%	10%	0
pw	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
pfc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)					
0.0						
1.0	.198 .113 .036	.191 .109 .035	.179 .102 .033	.167 .096 .031	.156 .090 .029	
2.0	.189 .104 .032	.184 .101 .031	.173 .096 .030	.163 .091 .029	.154 .087 .027	
3.0	.180 .096 .029	.175 .094 .028	.166 .090 .027	.157 .086 .026	.149 .083 .026	
4.0	.171 .089 .026	.167 .087 .026	.159 .084 .025	.151 .081 .025	.144 .079 .024	
5.0	.163 .083 .024	.159 .082 .024	.152 .079 .023	.145 .077 .023	.139 .074 .022	
6.0	.155 .078 .022	.152 .077 .022	.145 .075 .022	.140 .073 .021	.134 .071 .021	
7.0	.148 .073 .021	.145 .072 .021	.139 .070 .020	.134 .069 .020	.129 .067 .020	
8.0	.141 .069 .019	.138 .068 .019	.133 .067 .019	.129 .065 .019	.124 .064 .019	
9.0	.135 .065 .018	.132 .064 .018	.128 .063 .018	.124 .062 .018	.120 .061 .018	
10.0	.129 .062 .017	.127 .061 .017	.123 .060 .017	.119 .059 .017	.115 .058 .017	

pcc	80%	70%	50%	30%	10%	0
pw	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
pfc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)					
0.0	.191 .191 .191	.163 .163 .163	.111 .111 .111	.064 .064 .064	.020 .020 .020	
1.0	.173 .157 .143	.148 .135 .123	.101 .093 .085	.058 .054 .050	.019 .017 .016	
2.0	.159 .133 .111	.136 .114 .096	.093 .079 .067	.054 .046 .039	.017 .015 .013	
3.0	.147 .114 .087	.126 .098 .076	.087 .068 .053	.050 .040 .031	.016 .013 .010	
4.0	.138 .100 .070	.118 .086 .061	.081 .060 .043	.047 .035 .025	.015 .011 .008	
5.0	.130 .088 .057	.111 .076 .050	.077 .053 .035	.044 .031 .021	.014 .010 .007	
6.0	.123 .079 .048	.105 .069 .042	.073 .048 .029	.042 .028 .018	.014 .009 .006	
7.0	.116 .072 .040	.100 .062 .035	.069 .044 .025	.040 .026 .015	.013 .008 .005	
8.0	.111 .066 .035	.095 .057 .030	.066 .040 .021	.038 .024 .013	.012 .008 .004	
9.0	.106 .061 .030	.091 .053 .026	.063 .037 .019	.037 .022 .011	.012 .007 .004	
10.0	.101 .056 .026	.087 .049 .023	.060 .034 .016	.035 .020 .010	.011 .007 .003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm										
NAME: 32410-IP65 2000-6000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 2025062601		
MFR.:					SUR.:			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	25.3	26.4	25.6	26.5	26.7	25.6	26.6	25.8	26.8	27.0
3H	25.2	26.2	25.5	26.4	26.6	25.4	26.4	25.7	26.6	26.8
4H	25.2	26.1	25.4	26.3	26.5	25.4	26.3	25.7	26.5	26.7
6H	25.1	26.0	25.4	26.2	26.5	25.3	26.2	25.7	26.5	26.7
8H	25.2	26.0	25.5	26.2	26.5	25.4	26.2	25.7	26.4	26.7
12H	25.2	26.0	25.5	26.3	26.5	25.4	26.2	25.7	26.5	26.7
4H 2H	25.1	26.0	25.4	26.2	26.5	25.3	26.2	25.6	26.5	26.7
3H	25.0	25.8	25.3	26.1	26.3	25.2	26.0	25.5	26.3	26.6
4H	25.0	25.7	25.3	26.0	26.3	25.2	25.9	25.5	26.2	26.5
6H	25.0	25.6	25.4	26.0	26.3	25.2	25.8	25.6	26.2	26.5
8H	25.1	25.7	25.5	26.0	26.4	25.3	25.8	25.7	26.2	26.6
12H	25.2	25.7	25.6	26.1	26.5	25.4	25.9	25.8	26.3	26.7
8H 4H	24.9	25.5	25.3	25.8	26.2	25.1	25.7	25.5	26.0	26.4
6H	25.0	25.5	25.4	25.8	26.3	25.2	25.6	25.6	26.0	26.5
8H	25.1	25.5	25.5	25.9	26.4	25.3	25.7	25.7	26.1	26.5
12H	25.3	25.7	25.8	26.1	26.6	25.5	25.8	26.0	26.3	26.8
12H 4H	24.9	25.4	25.3	25.8	26.2	25.1	25.6	25.5	26.0	26.4
6H	25.0	25.4	25.4	25.8	26.2	25.1	25.6	25.6	26.0	26.4
8H	25.1	25.5	25.6	25.9	26.4	25.3	25.6	25.8	26.1	26.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.2 / - 5.2					+ 2.2 / - 5.4				
1.5H	+ 3.3 / - 5.1					+ 3.5 / - 5.3				
2.0H	+ 5.0 / - 3.7					+ 5.2 / - 4.0				

CIE Pub.117, 786.3 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -0.8$)
Area: 0.001 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:

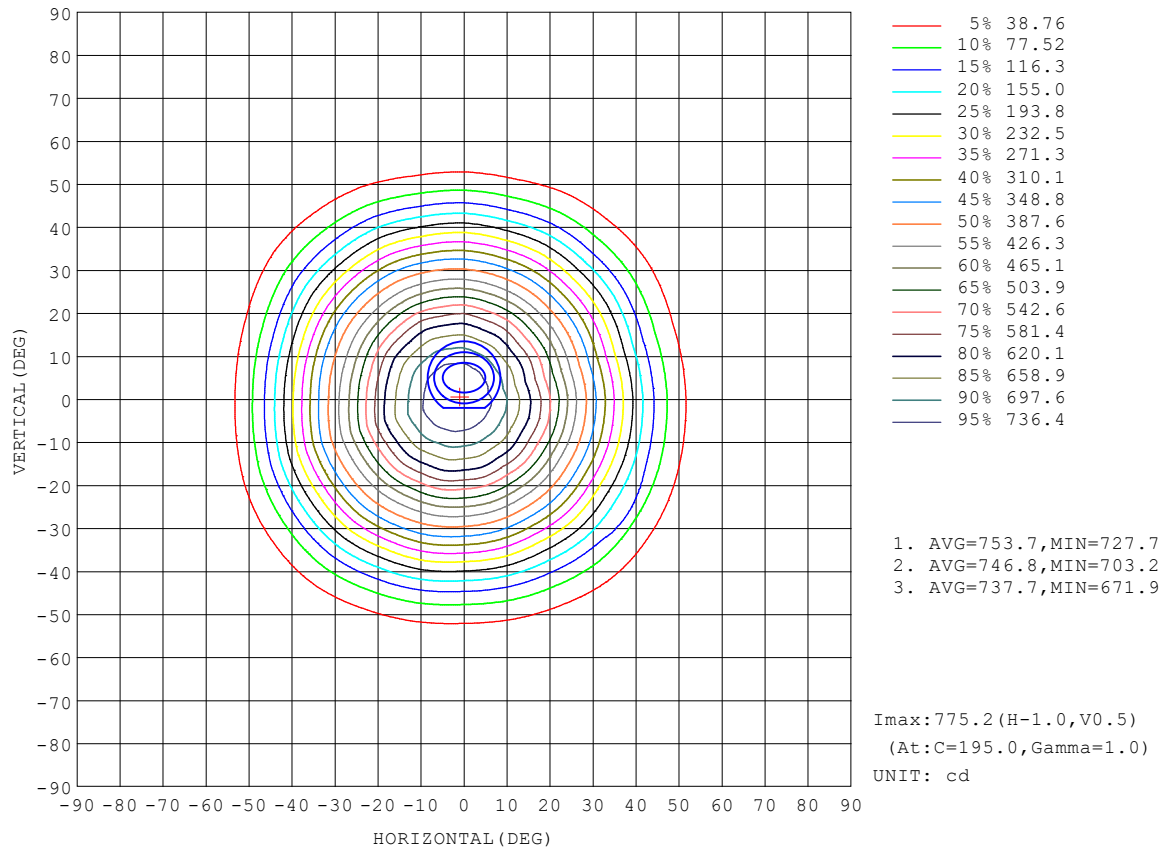
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	73	69	80	73	69	79	73	68	64
0.80	89	82	78	88	82	78	87	81	77	73
1.00	95	88	84	94	88	84	92	88	83	79
1.25	100	94	90	99	93	89	97	92	88	84
1.50	103	97	93	102	97	93	99	95	92	87
2.00	106	102	98	105	101	97	102	99	96	90
2.50	108	104	100	107	103	100	104	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	112	109	107	110	108	105	107	104	102	95
5.00	114	111	109	112	109	107	108	106	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2025-06-26

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:

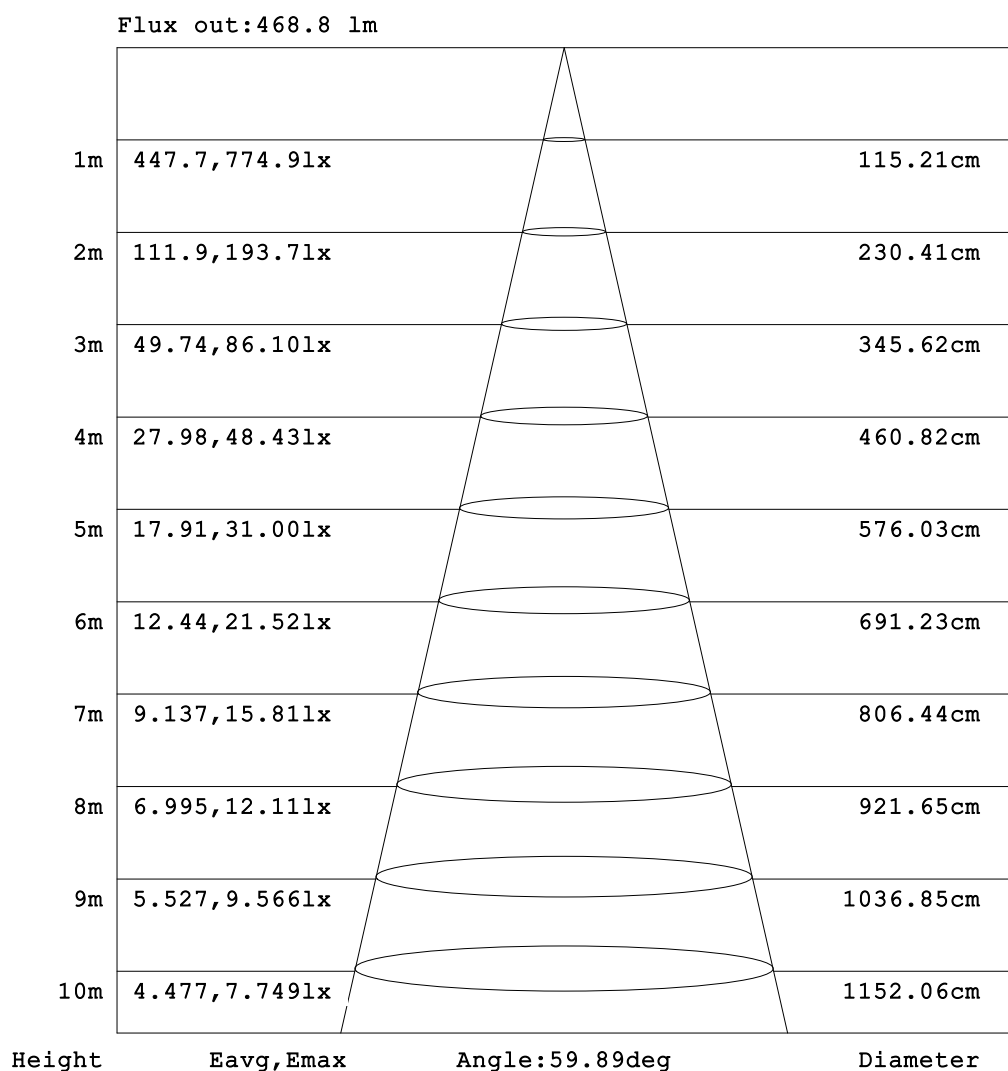


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:



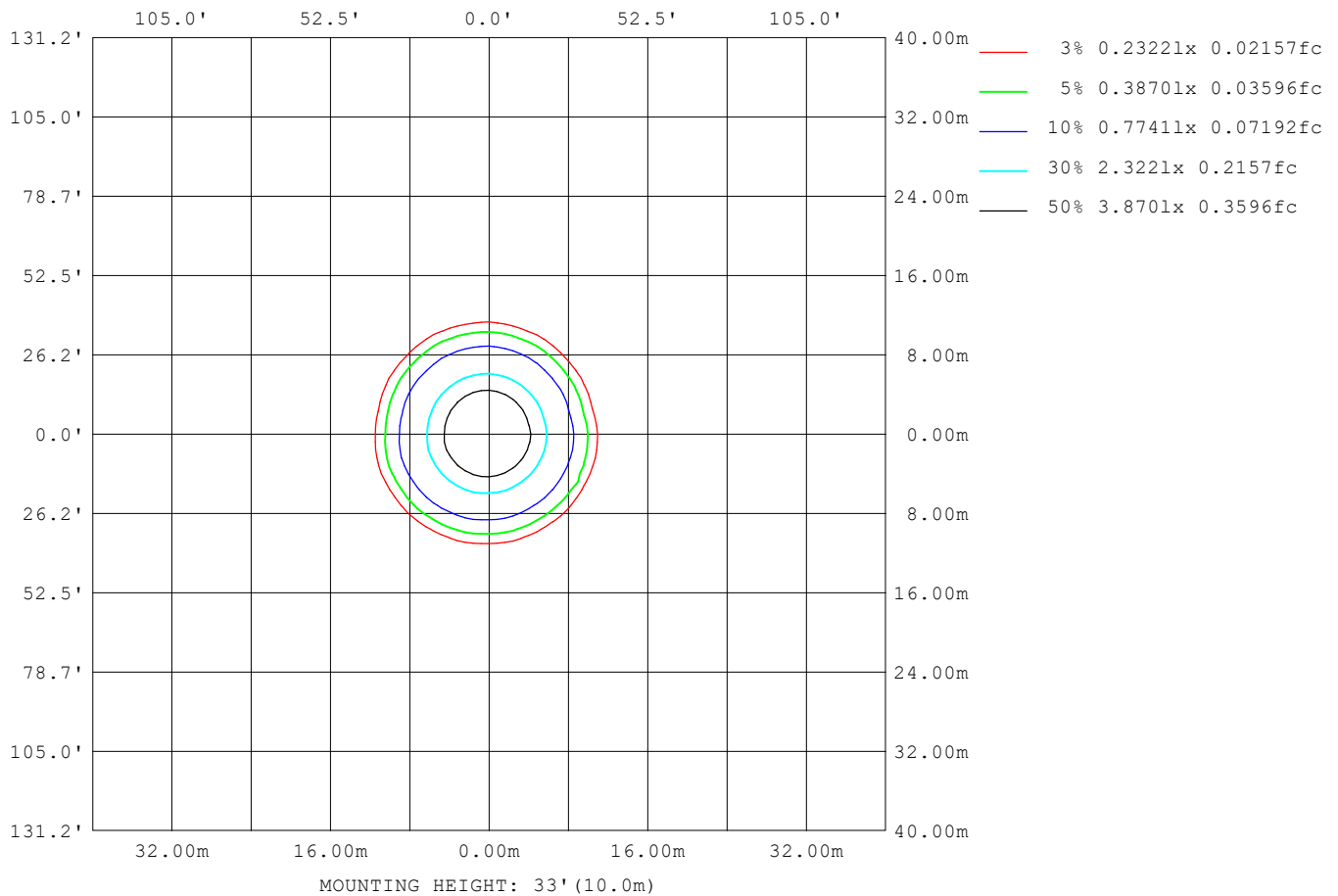
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:

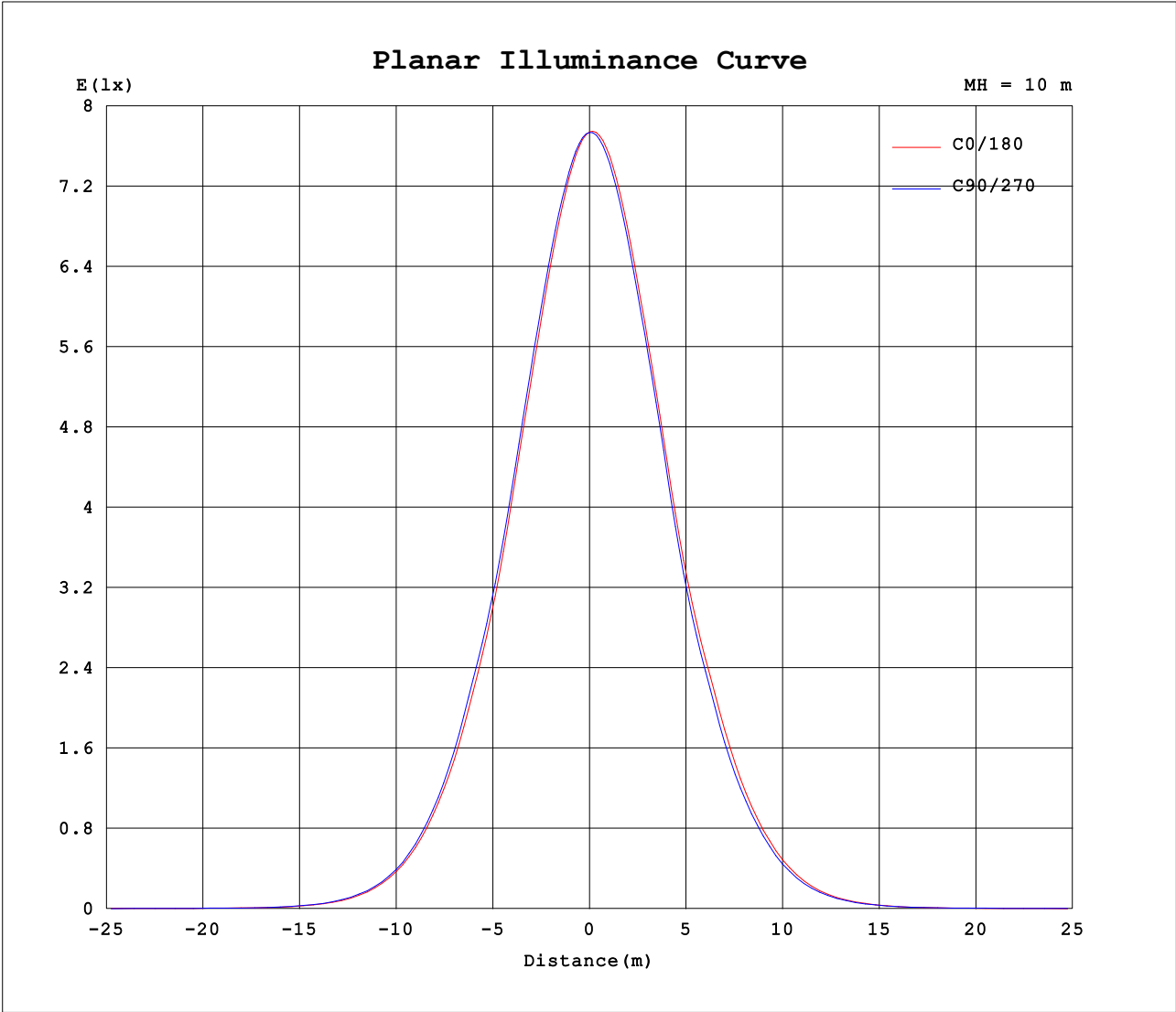
AvgL	cd/m2
L_0~180 (65) av	14860
L_0~180 (75) av	16286
L_0~180 (85) av	42754
L_90~270 (65) av	15284
L_90~270 (75) av	16655
L_90~270 (85) av	44398
L_45 (65) av	15088
L_45 (75) av	16293
L_45 (85) av	42657

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	774	774	774	774	774	773	774	773	773	772	773	772	774	774	774	774	774	773	774
5	749	749	748	749	749	752	754	757	760	764	766	769	767	767	768	766	766	762	761
10	698	698	696	700	700	705	708	715	718	726	729	735	731	730	733	730	729	722	720
15	628	630	625	631	631	640	642	652	655	667	670	679	671	670	675	670	670	661	658
20	544	547	541	547	545	556	558	572	577	591	593	604	593	591	598	591	594	581	580
25	448	447	444	449	450	459	465	475	481	494	500	508	497	495	500	497	495	487	480
30	362	362	360	365	367	375	381	391	397	407	413	421	411	409	412	408	406	398	392
35	270	271	266	271	272	281	286	300	307	322	327	338	325	326	327	322	319	307	302
40	181	183	179	183	181	189	192	205	210	224	228	239	228	226	230	223	223	213	211
45	105	111	125	108	106	110	111	120	125	135	139	148	139	136	141	136	138	128	126
50	50.9	52.3	50.8	52.8	51.8	54.4	55.0	59.5	61.3	67.0	68.2	73.8	68.0	67.2	71.9	69.0	69.3	63.2	62.5
55	20.8	21.2	20.3	21.3	20.8	22.2	22.4	24.6	25.1	27.4	27.8	30.5	28.0	27.7	30.3	28.2	29.2	26.1	26.3
60	8.62	8.55	8.08	8.30	8.06	8.35	8.49	9.18	9.48	10.3	10.4	11.4	10.3	10.3	11.3	10.9	11.4	10.6	10.6
65	6.38	6.17	5.95	5.88	5.71	5.65	5.71	5.80	5.90	5.99	6.16	6.38	6.19	6.51	6.86	6.99	7.22	7.25	7.21
70	5.09	4.86	4.74	4.63	4.53	4.45	4.55	4.55	4.67	4.72	4.93	5.14	4.99	5.33	5.54	5.70	5.82	5.86	5.79
75	4.18	3.98	3.89	3.79	3.78	3.72	3.80	3.80	3.96	4.00	4.22	4.39	4.25	4.56	4.69	4.81	4.88	4.88	4.82
80	3.59	3.42	3.40	3.34	3.40	3.38	3.43	3.45	3.65	3.73	3.88	4.00	3.91	4.18	4.18	4.34	4.32	4.37	4.34
85	3.45	3.30	3.32	3.31	3.38	3.45	3.43	3.57	3.68	3.88	3.86	4.07	4.00	4.12	4.15	4.21	4.18	4.25	4.31
90	0.42	0.39	0.40	0.38	0.41	0.38	0.42	0.39	0.47	1.49	1.53	2.35	0.04	0.09	0.03	0.09	0.04	0.08	0.06
95	0.41	0.41	0.39	0.41	0.38	0.39	0.40	0.40	0.39	0.41	0.37	0.41	0.03	0.04	0.04	0.05	0.04	0.03	0.05
100	0.41	0.41	0.40	0.41	0.40	0.40	0.40	0.40	0.41	0.42	0.39	0.41	0.03	0.04	0.04	0.04	0.04	0.03	0.05
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2025-06-26

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.418A P:10.03W PF:1.000 Freq:0Hz Lamp Flux:786.348x1 lm		
NAME: 32410-IP65 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2025062601
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	773	773	772	773	772														
5	755	754	748	748	743														
10	712	708	700	697	690														
15	646	642	630	627	617														
20	564	560	545	541	530														
25	468	460	450	444	436														
30	382	374	365	359	352														
35	290	283	271	267	259														
40	198	193	181	179	170														
45	116	113	103	101	94.8														
50	56.4	55.2	49.3	48.8	44.8														
55	23.1	22.9	20.0	19.9	17.9														
60	9.74	9.63	8.71	8.53	7.90														
65	7.03	6.85	6.64	6.39	6.13														
70	5.69	5.42	5.26	5.06	4.90														
75	4.73	4.41	4.26	4.13	4.01														
80	4.28	3.83	3.65	3.55	3.49														
85	4.22	3.68	3.47	3.43	3.37														
90	0.07	0.04	0.05	0.05	0.06														
95	0.05	0.04	0.05	0.05	0.06														
100	0.04	0.04	0.06	0.06	0.05														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2025-06-26

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity:61%
 Test Distance:8.000m [K=1.0000]
 Remarks: