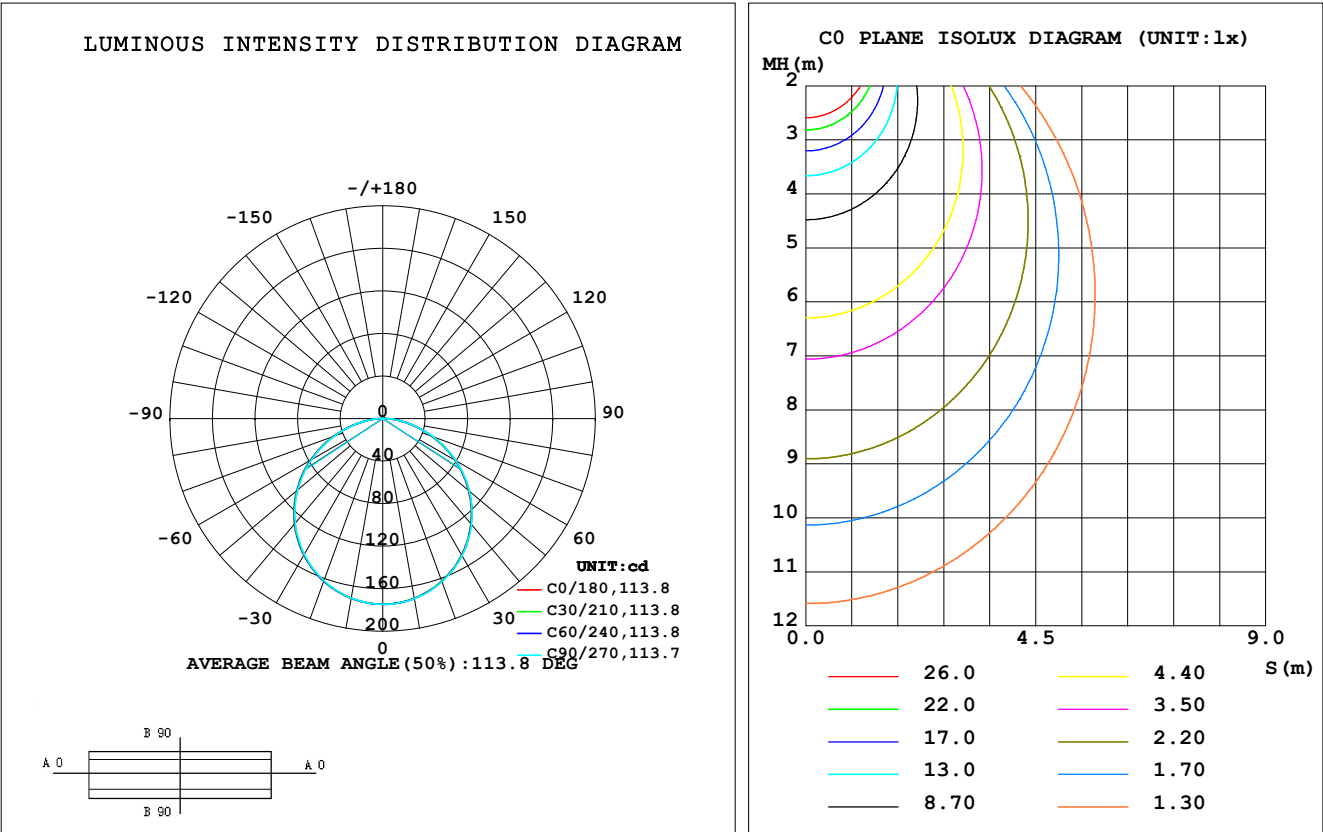


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 86.33 lm/W
MODEL		I _{max} (cd)	174.7	S/MH (C0/180)	1.26	
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	507.62	η UP, DN (C0-180)	0.0, 50.6	
NOMINAL FLUX (lm)	507.623	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.3	
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	24	η down (%)	100.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: CHEN
Test Date: 2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity: 61%
Test Distance: 9.095m [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	171.5	171.8	171.9	172.2	171.6	171.3	171.3	171.1	0- 10	16.52	16.52	3.25,3.25
20	162.5	163.2	163.1	163.8	162.8	162.1	162.2	161.6	10- 20	47.37	63.90	12.6,12.6
30	148.2	149.0	149.0	149.8	148.4	147.7	147.5	146.9	20- 30	71.97	135.9	26.8,26.8
40	128.9	130.0	129.9	131.0	129.3	128.2	128.1	127.2	30- 40	87.12	223.0	43.9,43.9
50	105.5	106.5	106.5	107.6	105.9	104.5	104.5	103.3	40- 50	90.82	313.8	61.8,61.8
60	78.47	79.58	79.67	80.74	78.79	77.25	77.37	76.13	50- 60	82.51	396.3	78.1,78.1
70	49.57	50.58	50.78	51.81	49.70	48.26	48.42	47.21	60- 70	63.44	459.8	90.6,90.6
80	21.53	22.45	22.80	23.54	21.50	20.71	20.58	19.77	70- 80	37.29	497.0	97.9,97.9
90	0.1978	0.2457	0.3744	0.5687	0.0897	0.0827	0.0337	0.0690	80- 90	10.47	507.5	100,100
100	0.1347	0.1684	0.1796	0.1347	0.0786	0.0449	0.0337	0.0561	90-100	0.1057	507.6	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0049	507.6	100,100
120	0	0	0	0	0	0	0	0	110-120	0	507.6	100,100
130	0	0	0	0	0	0	0	0	120-130	0	507.6	100,100
140	0	0	0	0	0	0	0	0	130-140	0	507.6	100,100
150	0	0	0	0	0	0	0	0	140-150	0	507.6	100,100
160	0	0	0	0	0	0	0	0	150-160	0	507.6	100,100
170	0	0	0	0	0	0	0	0	160-170	0	507.6	100,100
180	0	0	0	0	0	0	0	0	170-180	0	507.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 268.69 lm

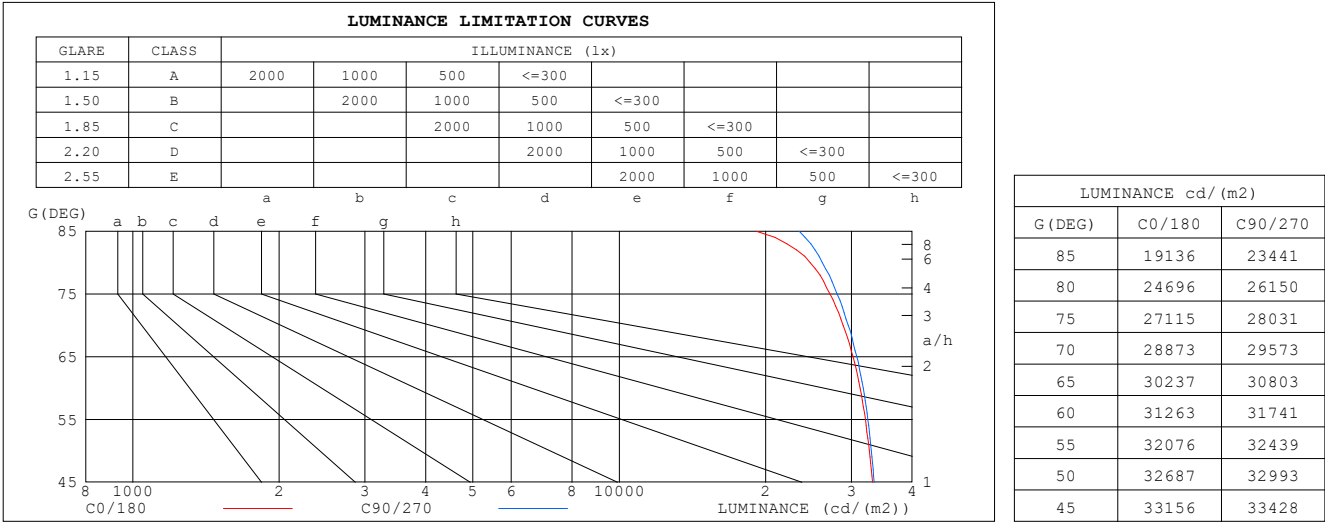
%lum = 52.9%
%lamp = 52.9%

Conical surface Flux(120deg): 396.32 lm

%lum = 78.1%
%lamp = 78.1%

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
MFR.:	SUR.:	Shielding Angle:



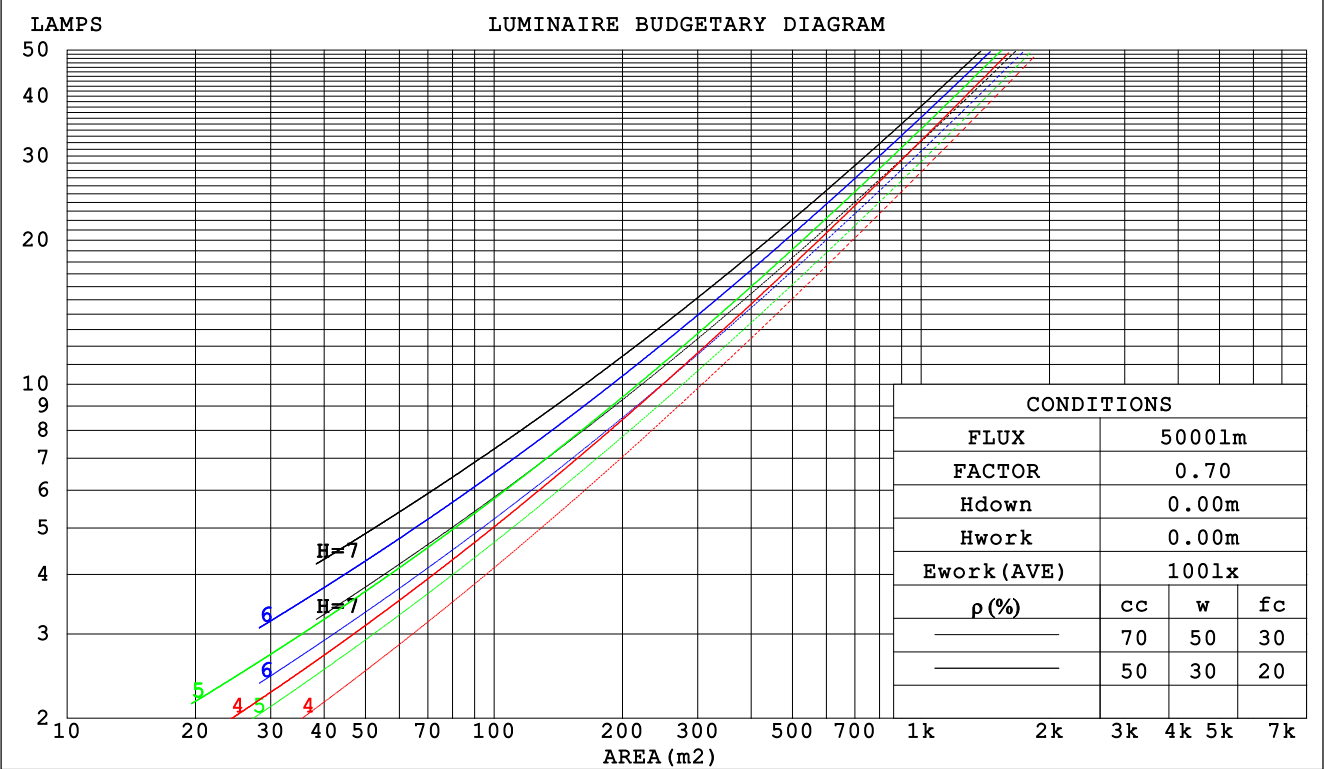
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
MFR.:	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.90	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
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	.314	.179	.057	.307	.175	.056	.294	.169	.054	.281	.162	.052	.270	.157	.050		
2.0	.295	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046		
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.247	.135	.041	.238	.132	.041		
4.0	.251	.130	.038	.246	.129	.038	.237	.126	.038	.228	.123	.037	.220	.120	.036		
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.212	.112	.033	.205	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.191	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027		
8.0	.187	.091	.026	.183	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.021		

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	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.020	.017	.015	
2.0	.173	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.142	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.079	.041	.089	.055	.029	.051	.032	.017	.017	.011	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.076	.033	.117	.065	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.061	.025	.077	.042	.018	.045	.025	.011	.015	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.074	.040	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.061	.023	.101	.053	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm										
NAME: EPR105TWWS 2000-6000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 2024120601		
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	25.0	26.5	25.2	26.7	26.9	25.0	26.6	25.3	26.8	27.0
3H	26.5	28.0	26.8	28.2	28.4	26.6	28.0	26.9	28.3	28.5
4H	27.2	28.5	27.5	28.8	29.0	27.3	28.6	27.6	28.9	29.1
6H	27.6	28.9	28.0	29.2	29.5	27.8	29.0	28.1	29.3	29.6
8H	27.8	29.0	28.1	29.3	29.6	27.9	29.2	28.3	29.4	29.7
12H	27.8	29.0	28.2	29.3	29.6	28.0	29.2	28.4	29.5	29.8
4H 2H	25.6	27.0	25.9	27.2	27.5	25.6	27.0	26.0	27.2	27.5
3H	27.4	28.5	27.7	28.8	29.1	27.4	28.6	27.8	28.9	29.2
4H	28.1	29.2	28.5	29.5	29.9	28.2	29.3	28.6	29.6	29.9
6H	28.7	29.7	29.1	30.0	30.4	28.8	29.8	29.2	30.1	30.5
8H	28.9	29.8	29.3	30.2	30.6	29.1	30.0	29.5	30.3	30.7
12H	29.0	29.9	29.5	30.2	30.6	29.2	30.0	29.6	30.4	30.8
8H 4H	28.4	29.3	28.8	29.7	30.1	28.5	29.4	28.9	29.7	30.1
6H	29.2	29.9	29.6	30.3	30.7	29.3	30.0	29.7	30.4	30.9
8H	29.4	30.1	29.9	30.5	31.0	29.6	30.3	30.1	30.7	31.1
12H	29.6	30.2	30.1	30.7	31.1	29.8	30.4	30.3	30.9	31.3
12H 4H	28.4	29.3	28.9	29.6	30.0	28.5	29.3	28.9	29.7	30.1
6H	29.2	29.9	29.7	30.3	30.8	29.3	30.0	29.8	30.4	30.9
8H	29.6	30.1	30.0	30.6	31.1	29.7	30.3	30.2	30.7	31.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 507.6 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -2.4$)
Area: 0.00502 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
MFR.:	SUR.:	Shielding Angle:

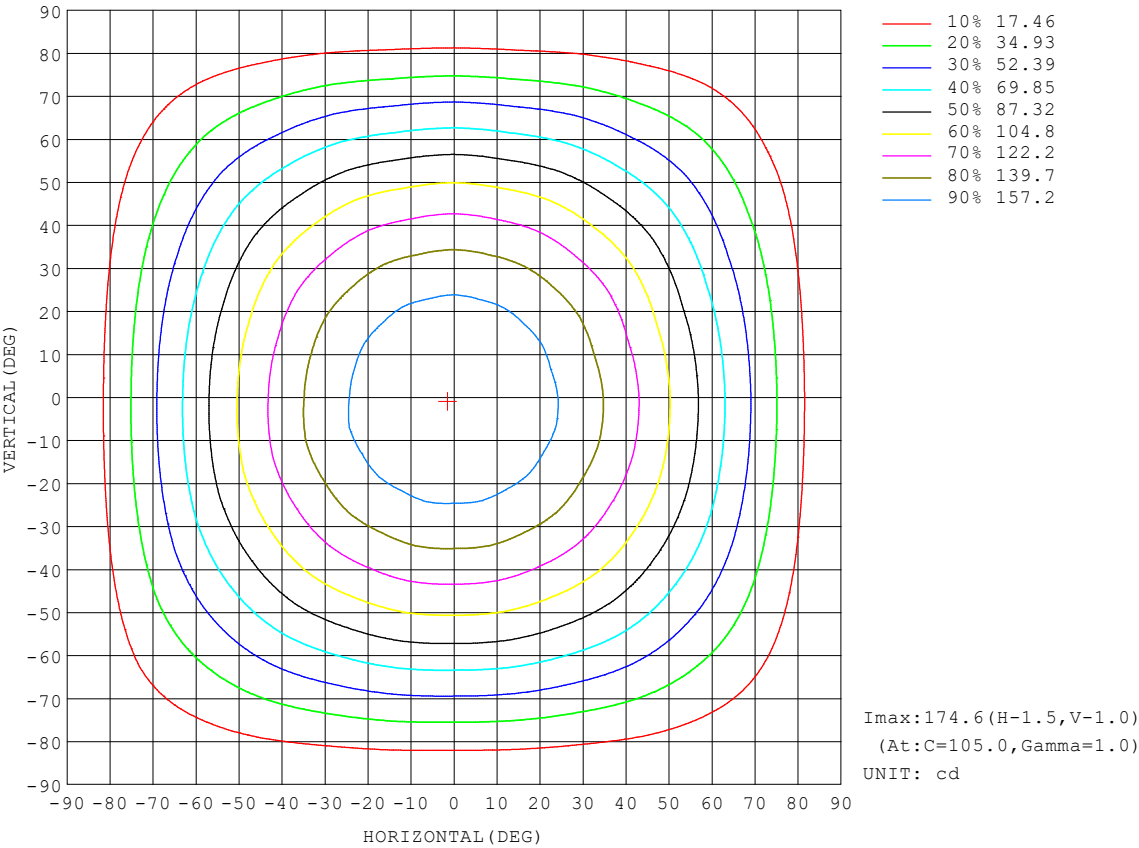
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	91	86	78
4.00	106	100	96	104	98	94	99	95	91	83
5.00	108	104	99	106	102	98	101	98	95	86
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: CHEN
 Test Date: 2024-12-06

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.444
 Humidity: 61%
 Test Distance: 9.095m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
MFR.:	SUR.:	Shielding Angle:

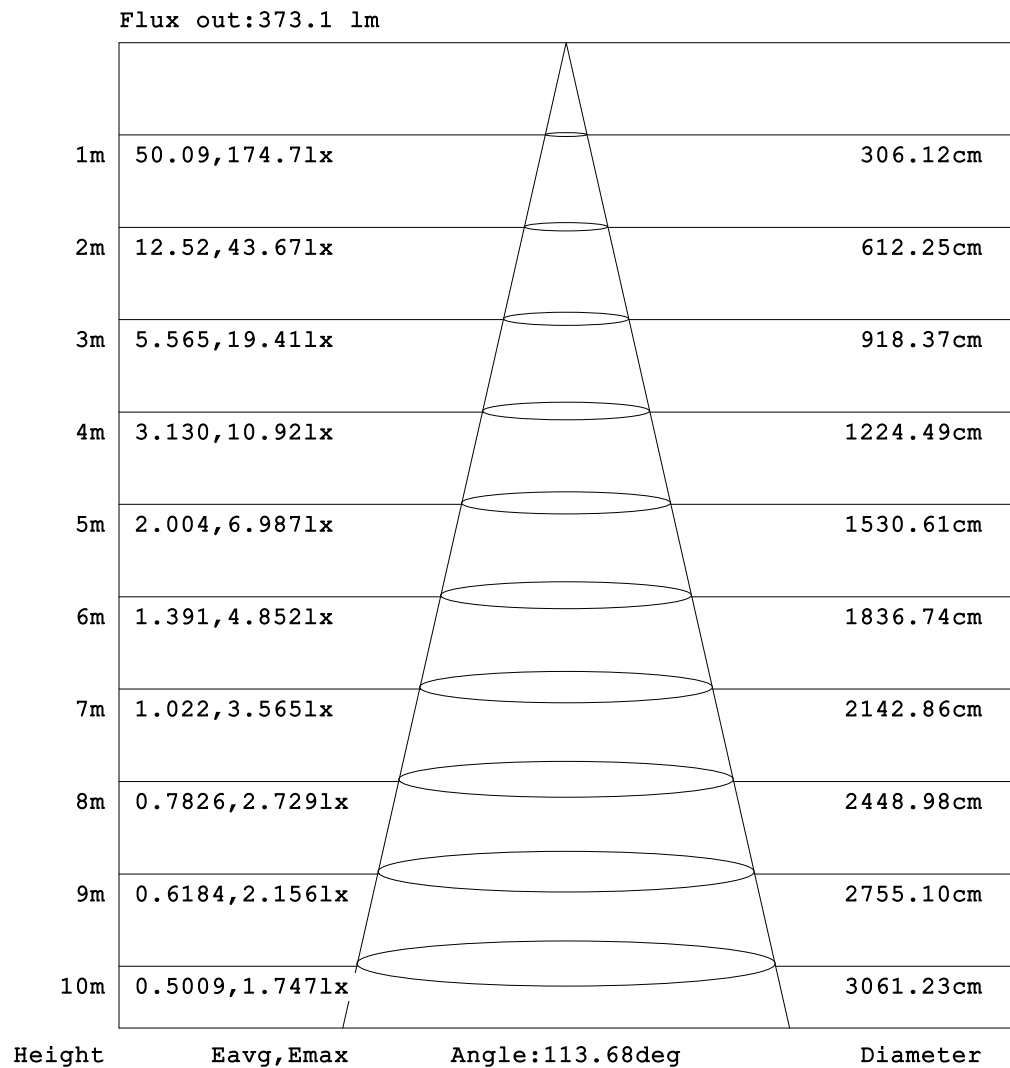


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
MFR.:	SUR.:	Shielding Angle:



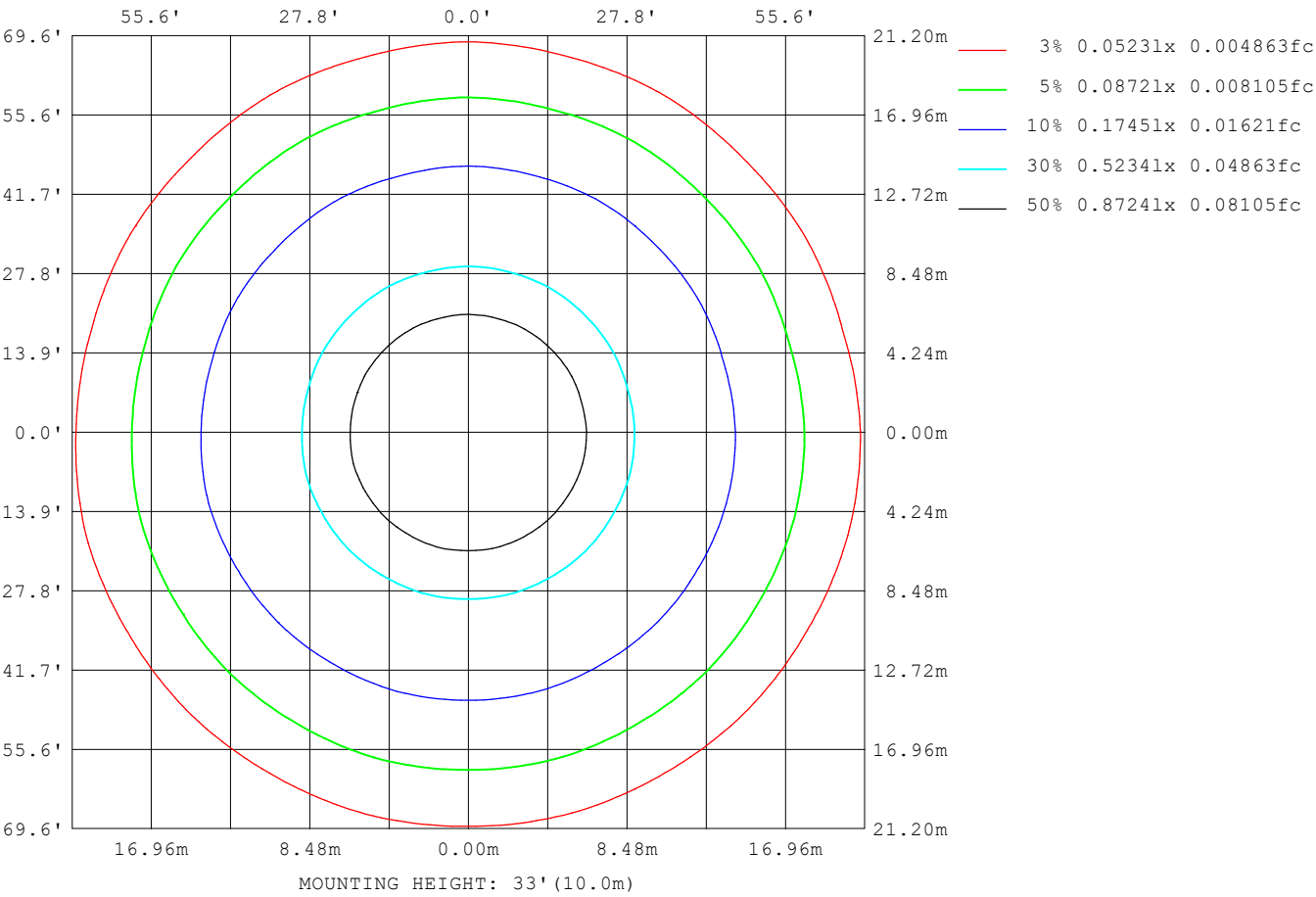
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
MFR.:	SUR.:	Shielding Angle:

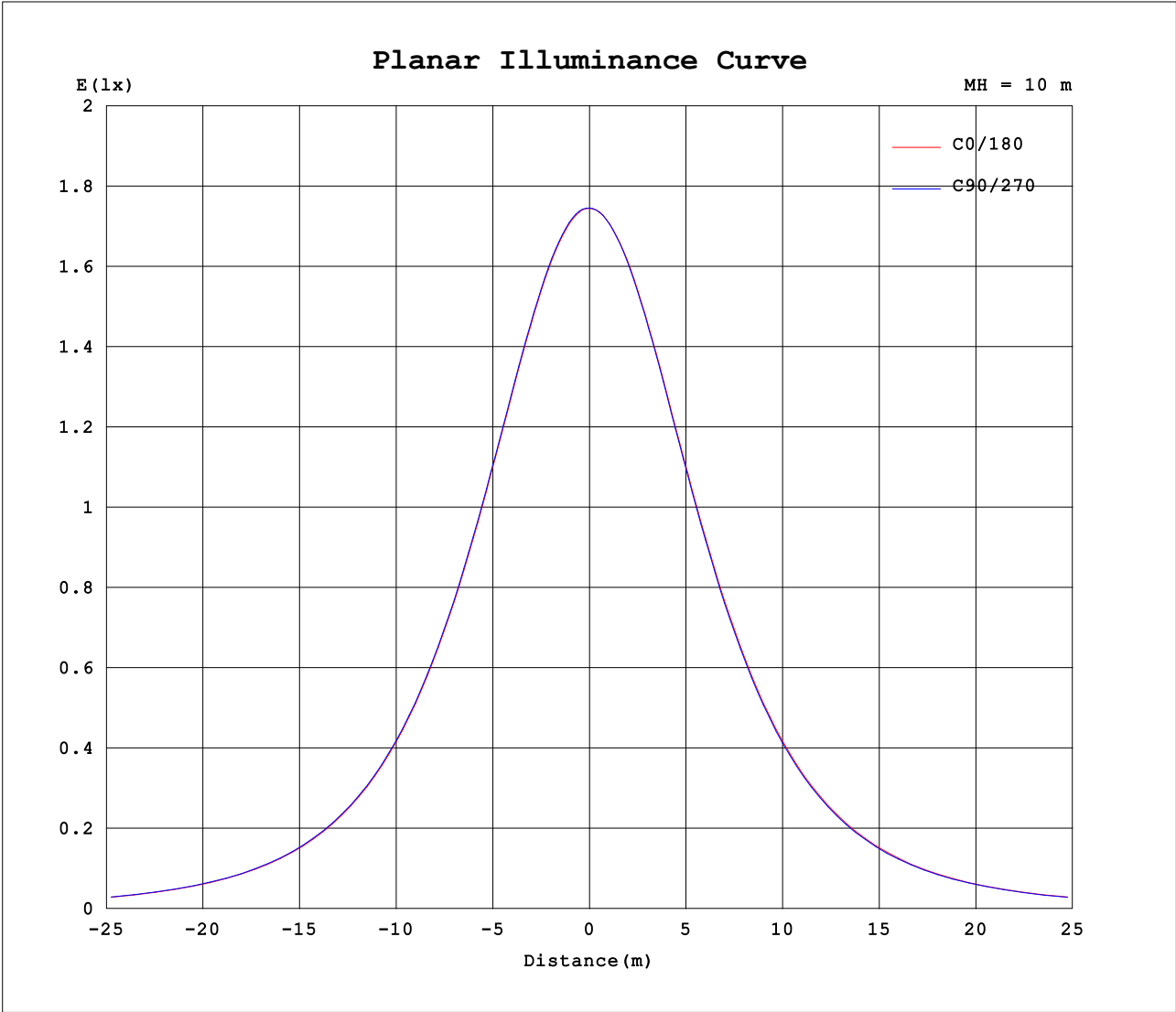
AvgL	cd/m2
L_0~180 (65) av	30286
L_0~180 (75) av	27122
L_0~180 (85) av	19490
L_90~270 (65) av	30259
L_90~270 (75) av	27139
L_90~270 (85) av	21440
L_45 (65) av	30195
L_45 (75) av	27089
L_45 (85) av	21304

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
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	174	175	174	175	175	174	175	175	175	175	175	175	174	175	174	175	175	174	175	
5	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	
10	171	172	172	172	172	172	172	172	172	172	172	172	172	171	171	171	171	171	171	
15	168	168	168	168	168	168	168	169	168	169	168	169	168	168	168	167	168	167	167	
20	163	163	163	163	163	163	163	164	163	164	163	164	163	162	163	162	162	162	162	
25	156	157	156	157	156	157	157	157	157	157	157	158	156	156	156	155	156	155	155	
30	148	149	148	149	149	149	149	150	149	150	149	150	148	148	148	148	148	147	148	
35	139	140	139	140	140	140	140	141	140	141	141	141	139	139	139	138	139	138	138	
40	129	130	129	130	130	130	130	131	130	131	130	131	129	129	129	128	129	128	128	
45	118	118	118	119	118	119	119	119	119	120	119	120	118	117	118	117	117	116	117	
50	105	106	106	106	106	107	106	107	107	108	107	108	106	105	106	104	105	104	104	
55	92.4	93.1	92.7	93.4	93.1	93.8	93.4	94.2	93.8	94.5	94.1	94.7	92.7	91.7	92.3	91.2	91.8	90.6	91.3	
60	78.5	79.3	78.8	79.6	79.2	80.0	79.7	80.4	80.0	80.7	80.3	80.9	78.8	77.8	78.4	77.3	77.9	76.7	77.4	
65	64.1	64.8	64.5	65.2	64.9	65.6	65.4	66.1	65.7	66.4	66.0	66.5	64.4	63.4	64.0	62.9	63.5	62.2	63.0	
70	49.6	50.2	49.9	50.6	50.4	51.0	50.8	51.5	51.2	51.8	51.4	51.9	49.7	48.7	49.3	48.3	48.9	47.7	48.4	
75	35.2	35.8	35.6	36.2	36.0	36.6	36.4	37.1	36.8	37.3	37.0	37.4	35.2	34.5	34.9	34.2	34.5	33.6	34.1	
80	21.5	22.0	21.9	22.5	22.4	22.9	22.8	23.3	23.1	23.5	23.3	23.6	21.5	21.0	21.2	20.7	20.9	20.2	20.6	
85	8.37	8.93	8.91	10.1	9.94	10.5	10.3	10.8	10.5	11.0	10.7	10.7	8.68	8.16	8.60	8.49	8.77	8.19	8.51	
90	0.20	0.16	0.22	0.25	0.27	0.35	0.37	0.48	0.45	0.57	0.51	0.54	0.09	0.09	0.02	0.08	0.04	0.08	0.03	
95	0.15	0.18	0.15	0.10	0.12	0.12	0.12	0.12	0.15	0.12	0.12	0.17	0.08	0.03	0.02	0.06	0.04	0.03	0.03	
100	0.13	0.13	0.13	0.17	0.12	0.12	0.18	0.13	0.12	0.13	0.16	0.13	0.08	0.03	0.03	0.04	0.04	0.03	0.03	
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:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.245A P:5.88W PF:1.000 Freq:0Hz Lamp Flux:507.623x1 lm		
NAME: EPR105TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120601
MFR.:	SUR.:	Shielding Angle:

Table--2						UNIT: cd													
C (DEG) γ (DEG)	285	300	315	330	345														
0	175	175	175	175	175														
5	174	174	174	174	174														
10	171	171	171	171	171														
15	167	167	167	167	167														
20	162	162	162	162	162														
25	155	155	155	155	155														
30	147	147	147	147	147														
35	138	138	138	138	138														
40	127	128	127	128	127														
45	116	116	116	117	116														
50	104	104	103	104	103														
55	90.2	91.0	90.1	90.9	90.0														
60	76.3	77.1	76.1	77.0	76.1														
65	61.9	62.7	61.7	62.6	61.7														
70	47.4	48.1	47.2	48.0	47.1														
75	33.3	33.8	33.1	33.7	33.1														
80	20.0	20.3	19.8	20.1	19.6														
85	7.95	8.25	7.71	7.97	6.69														
90	0.06	0.03	0.07	0.03	0.07														
95	0.03	0.03	0.06	0.03	0.05														
100	0.03	0.03	0.06	0.03	0.03														
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:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:9.095m [K=1.0000]
Remarks: