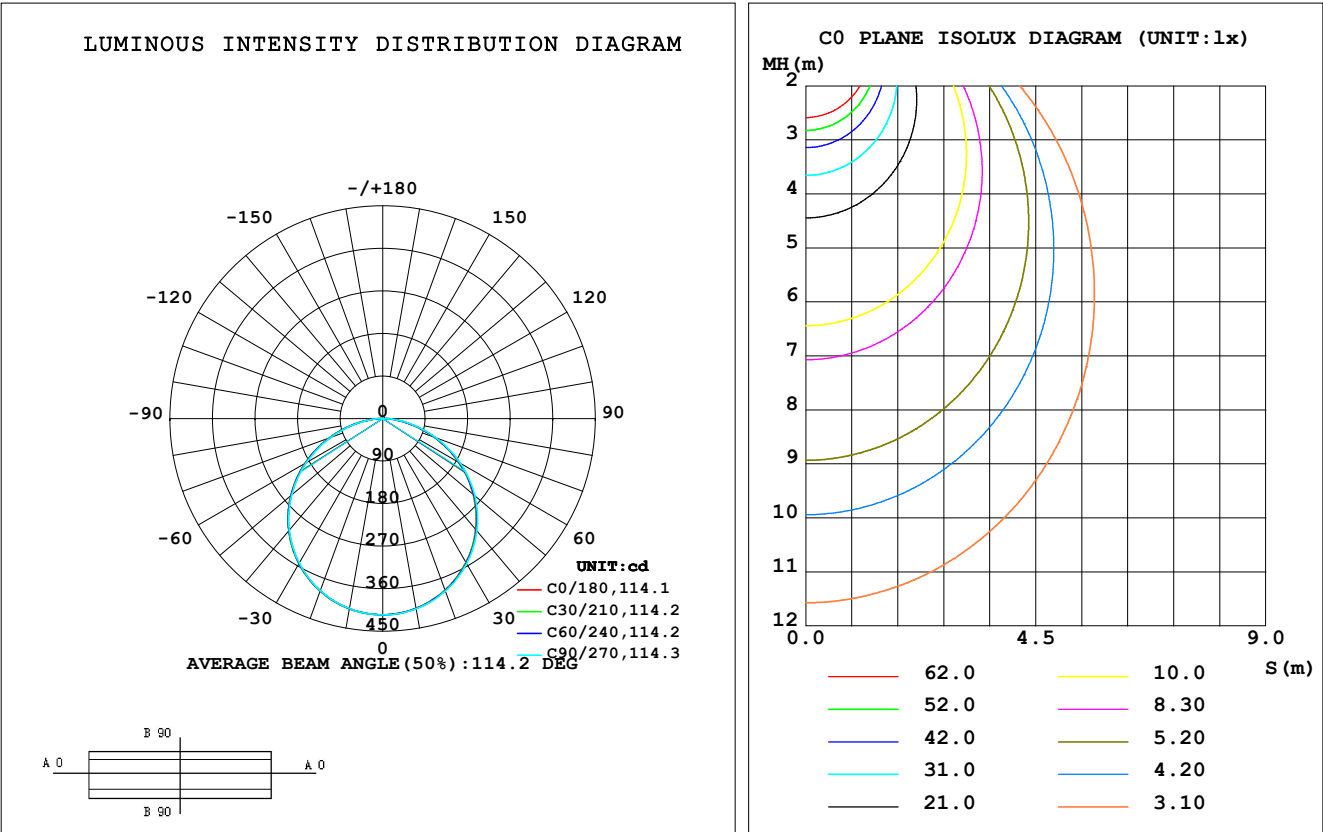


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 97.95 lm/W
MODEL		I _{max} (cd)	415.9	S/MH (C0/180)	1.27	
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.26	
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	1213.1	η UP, DN (C0-180)	0.0, 50.4	
NOMINAL FLUX (lm)	1213.06	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.5	
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:8.000m [K=1.1658]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	407.4	408.3	408.6	409.8	408.5	408.0	408.1	407.1	0- 10	39.31	39.31	3.24,3.24
20	386.0	387.7	388.0	390.1	388.1	387.1	387.2	385.0	10- 20	112.8	152.1	12.5,12.5
30	351.9	354.2	354.8	357.6	354.7	353.3	353.2	350.2	20- 30	171.5	323.6	26.7,26.7
40	306.2	308.8	309.8	313.0	309.5	307.9	307.6	303.9	30- 40	208.0	531.6	43.8,43.8
50	250.2	252.9	254.5	257.8	254.1	252.0	251.5	247.2	40- 50	217.2	748.7	61.7,61.7
60	185.8	188.4	190.1	193.9	190.2	187.4	186.9	182.0	50- 60	197.6	946.3	78,78
70	116.3	118.8	120.5	124.4	120.8	117.7	116.9	112.0	60- 70	151.9	1098	90.5,90.5
80	49.26	51.70	53.08	56.84	53.20	50.96	49.77	45.93	70- 80	88.88	1187	97.9,97.9
90	0.3289	0.6113	1.341	3.432	1.029	0.3151	0.1062	0.1097	80- 90	25.69	1213	100,100
100	0.3187	0.3659	0.2479	0.3541	0.1889	0.1772	0.1771	0.1417	90-100	0.2841	1213	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0133	1213	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1213	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1213	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1213	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1213	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1213	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1213	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1213	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 640.79 lm

%lum = 52.8%

%lamp = 52.8%

Conical surface Flux(120deg): 946.3 lm

%lum = 78.0%

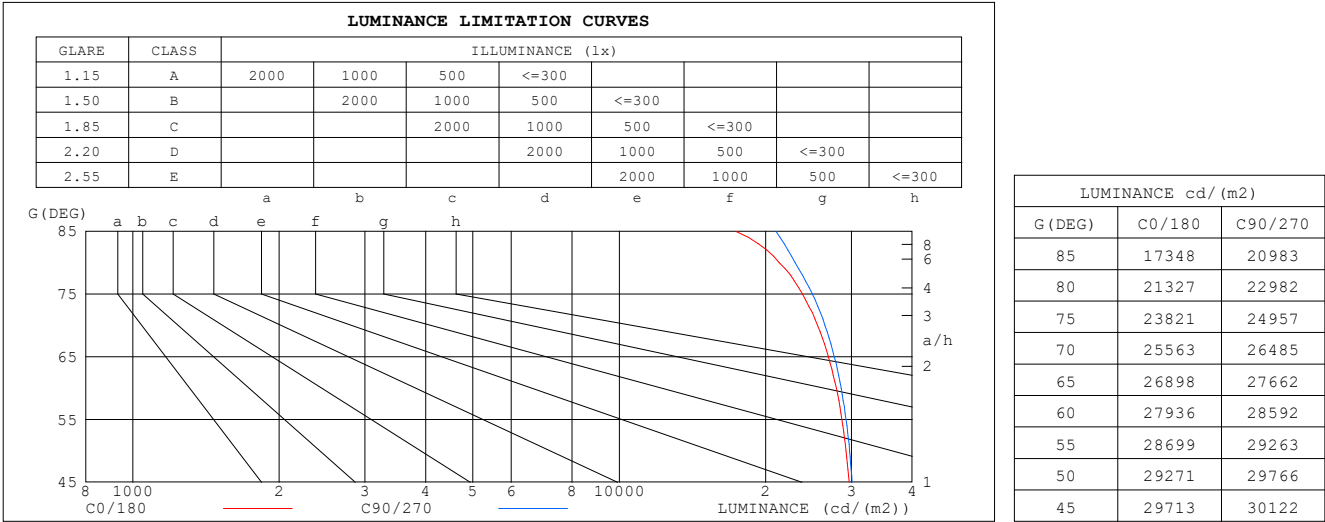
%lamp = 78.0%

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:8.000m [K=1.1658]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
MFR.:	SUR.:	Shielding Angle:



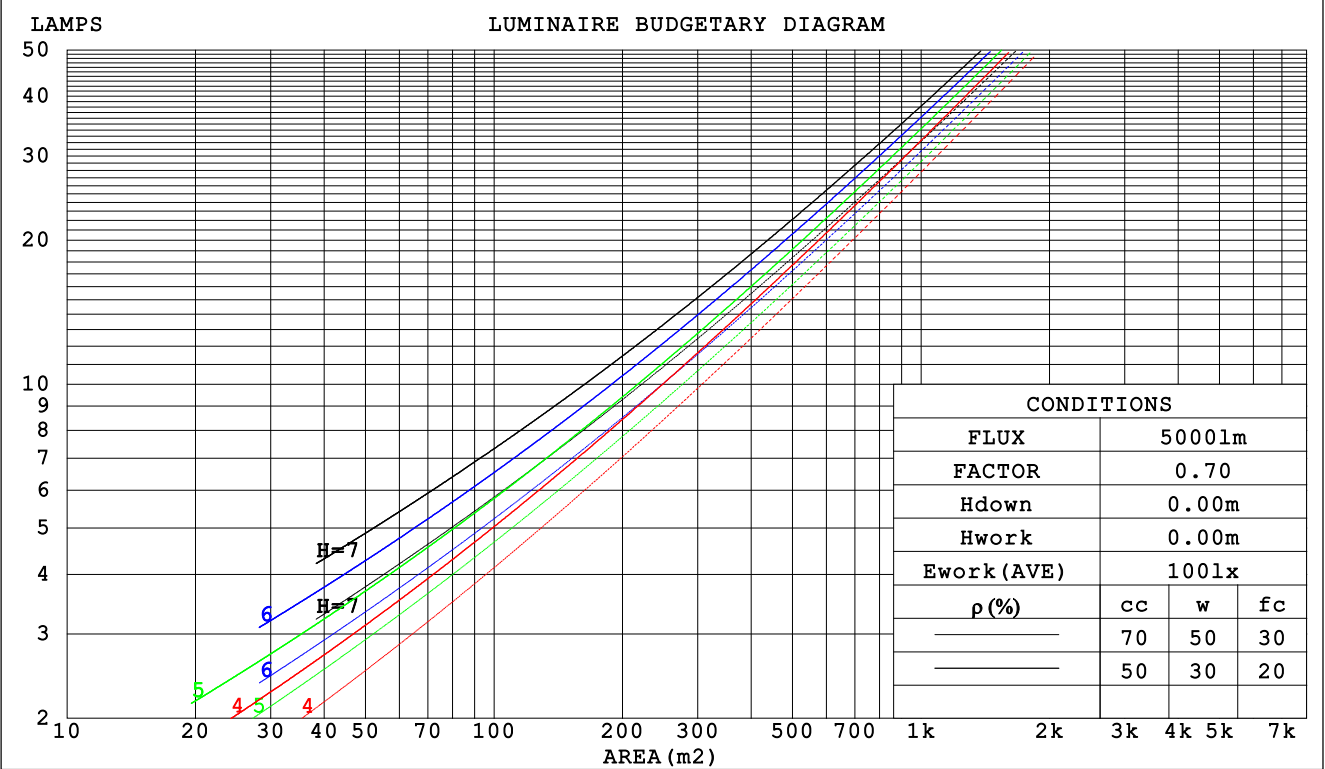
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1658]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
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	1.04	.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	.68	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.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	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.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:8.000m [K=1.1658]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
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	.315	.179	.057	.308	.175	.056	.294	.169	.054	.282	.163	.052	.271	.157	.051		
2.0	.295	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046		
3.0	.273	.145	.043	.267	.143	.043	.257	.139	.042	.247	.135	.042	.238	.132	.041		
4.0	.251	.131	.038	.246	.129	.038	.237	.126	.038	.229	.123	.037	.221	.120	.037		
5.0	.232	.118	.034	.228	.117	.034	.220	.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	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027		
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.083	.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	.059	.046	.035	.019	.015	.011		
3.0	.165	.115	.074	.142	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009		
4.0	.158	.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	.066	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004		
8.0	.130	.070	.029	.112	.061	.025	.077	.043	.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:8.000m [K=1.1658]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm										
NAME: EPR150TWWS 2000-6000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 2024120604		
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	24.5	26.1	24.8	26.3	26.5	24.6	26.2	24.9	26.4	26.6
3H	26.1	27.5	26.4	27.7	28.0	26.2	27.6	26.5	27.9	28.1
4H	26.7	28.1	27.0	28.3	28.6	26.9	28.2	27.2	28.5	28.7
6H	27.1	28.4	27.5	28.7	29.0	27.3	28.6	27.7	28.9	29.2
8H	27.3	28.5	27.6	28.8	29.1	27.5	28.7	27.8	29.0	29.3
12H	27.4	28.5	27.7	28.8	29.1	27.6	28.8	27.9	29.1	29.4
4H 2H	25.2	26.5	25.5	26.8	27.0	25.2	26.6	25.6	26.9	27.1
3H	26.9	28.1	27.3	28.4	28.7	27.0	28.2	27.4	28.5	28.8
4H	27.6	28.7	28.0	29.0	29.4	27.8	28.9	28.1	29.2	29.5
6H	28.2	29.2	28.6	29.5	29.9	28.4	29.3	28.8	29.7	30.1
8H	28.4	29.3	28.8	29.7	30.1	28.6	29.5	29.0	29.9	30.3
12H	28.5	29.3	29.0	29.7	30.1	28.8	29.6	29.2	30.0	30.4
8H 4H	27.9	28.8	28.3	29.2	29.6	28.0	28.9	28.5	29.3	29.7
6H	28.6	29.4	29.1	29.8	30.2	28.8	29.5	29.2	30.0	30.4
8H	28.9	29.6	29.4	30.0	30.5	29.1	29.8	29.6	30.2	30.7
12H	29.1	29.7	29.6	30.1	30.6	29.4	29.9	29.8	30.4	30.9
12H 4H	27.9	28.8	28.4	29.2	29.6	28.1	28.9	28.5	29.3	29.7
6H	28.7	29.4	29.2	29.8	30.3	28.9	29.5	29.3	30.0	30.4
8H	29.0	29.6	29.5	30.1	30.5	29.2	29.8	29.7	30.2	30.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 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, 1213 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.7$)
Area: 0.0133 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:8.000m [K=1.1658]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
MFR.:	SUR.:	Shielding Angle:

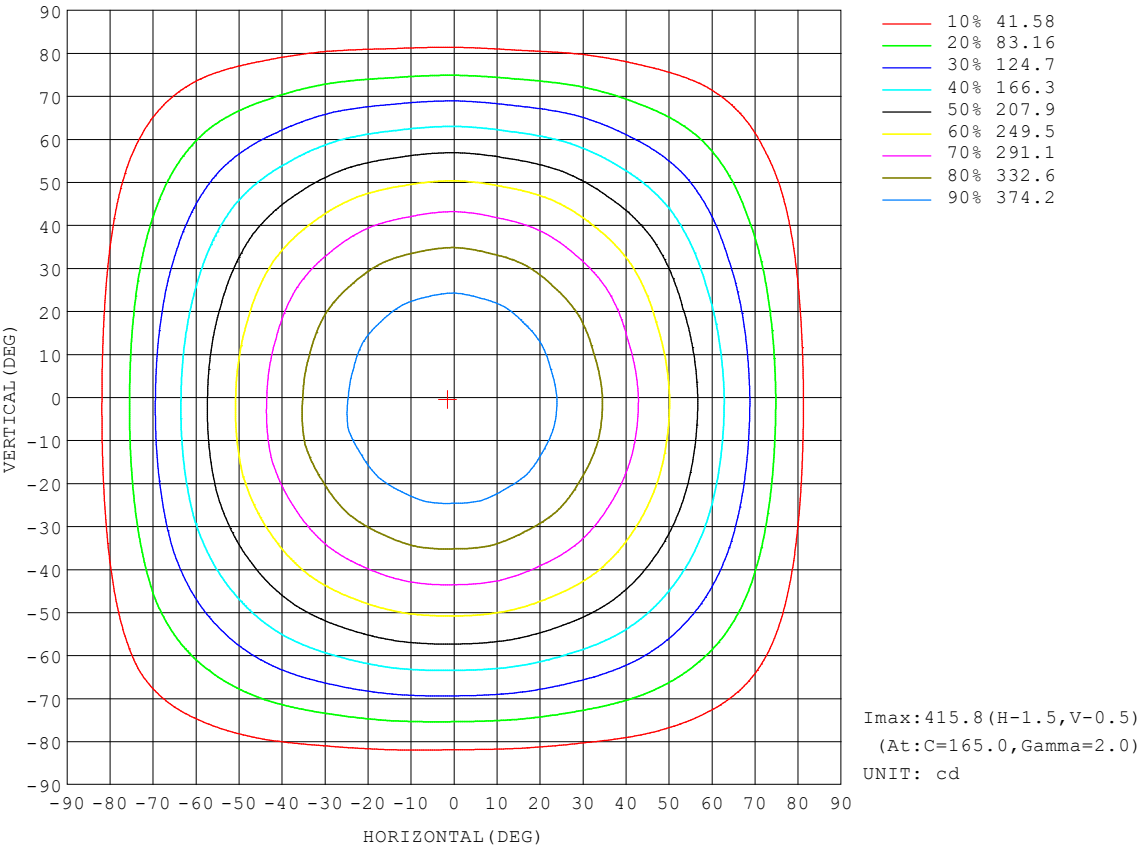
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	99	91	85	96	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	78
4.00	106	100	95	104	98	94	99	95	91	82
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: 8.000m [K=1.1658]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
MFR.:	SUR.:	Shielding Angle:

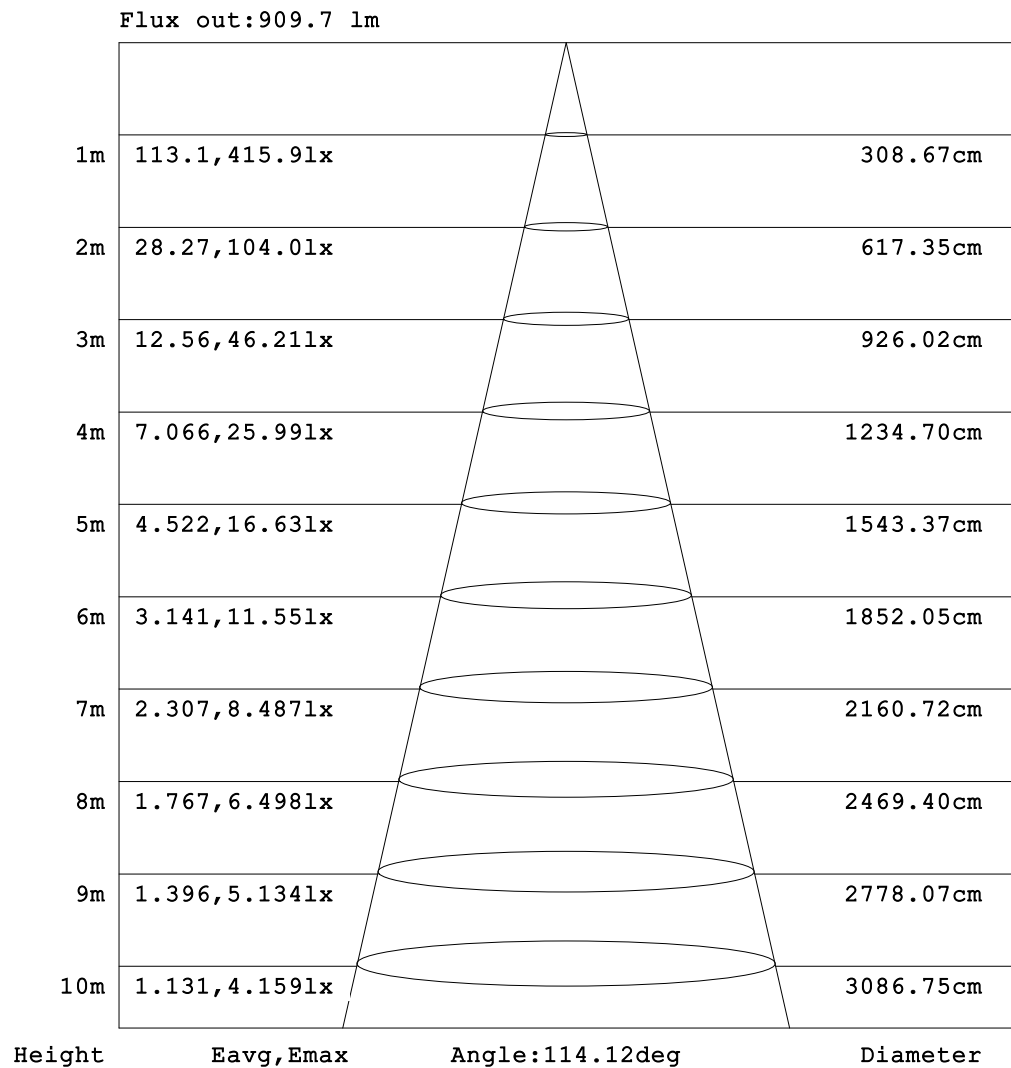


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

γ Range: 0 - 100DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.444
Humidity:61%
Test Distance:8.000m [K=1.1658]
Remarks:

AAI Figure

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
MFR.:	SUR.:	Shielding Angle:



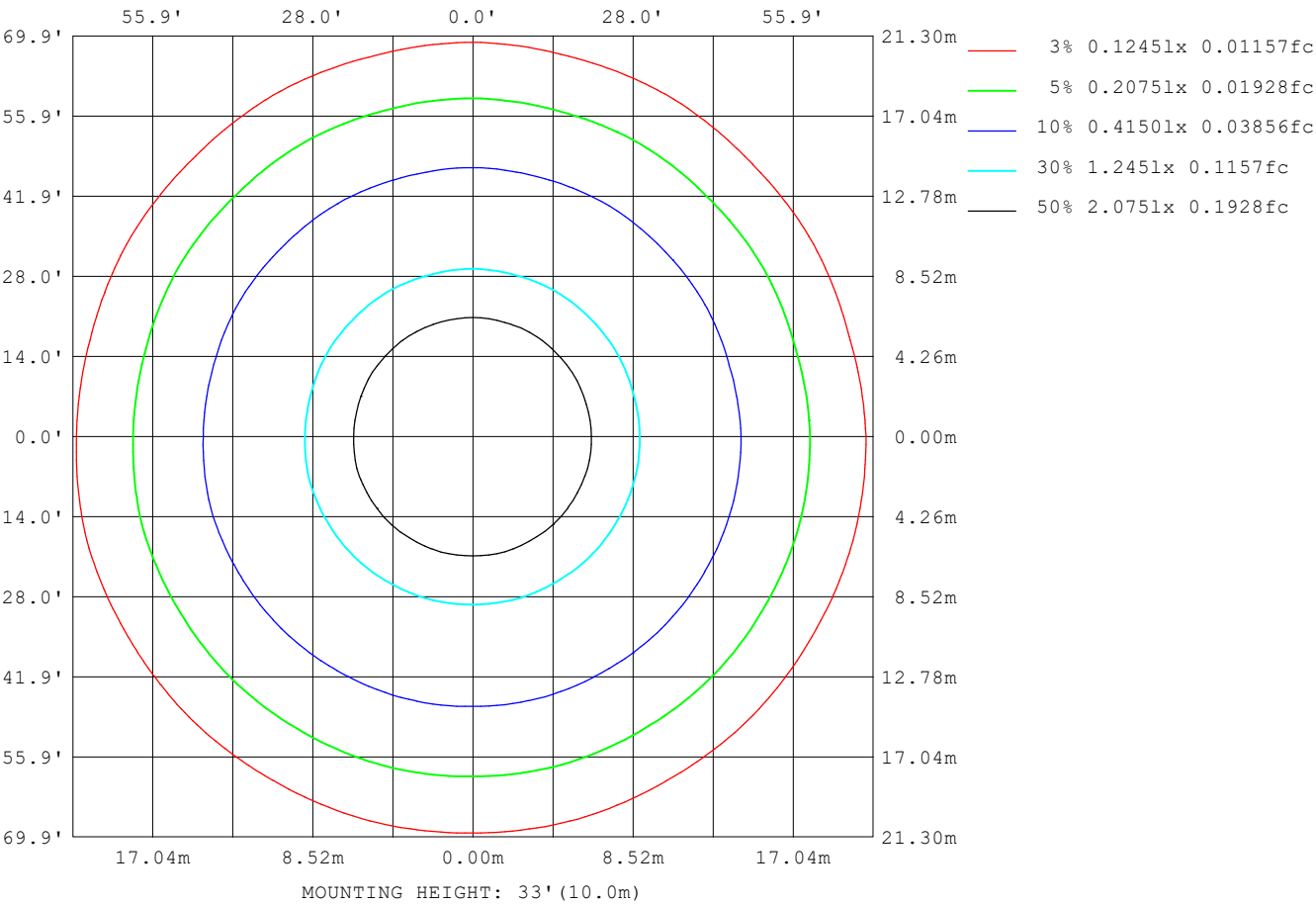
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:8.000m [K=1.1658]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
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:8.000m [K=1.1658]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
MFR.:	SUR.:	Shielding Angle:

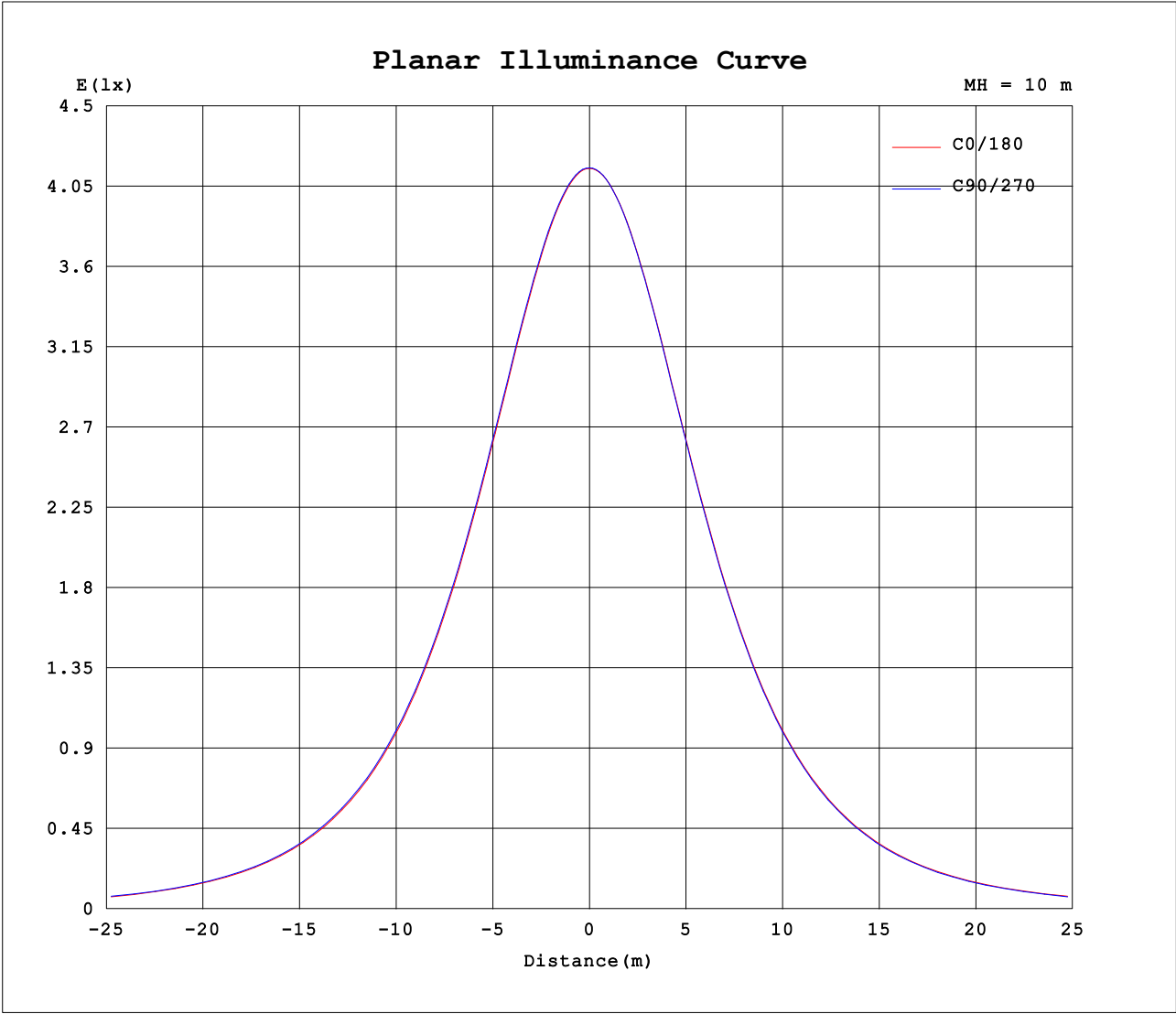
AvgL	cd/m2
L_0~180 (65) av	27312
L_0~180 (75) av	24426
L_0~180 (85) av	18839
L_90~270 (65) av	27379
L_90~270 (75) av	24418
L_90~270 (85) av	19717
L_45 (65) av	27277
L_45 (75) av	24335
L_45 (85) av	19660

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:8.000m [K=1.1658]
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:8.000m [K=1.1658]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
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	415	415	415	415	415	415	415	415	416	416	416	416	415	415	415	415	415	415	415
5	413	413	413	414	413	414	414	414	414	414	414	415	414	413	414	413	413	413	413
10	407	408	408	408	408	409	409	409	409	410	410	410	409	408	408	408	408	408	408
15	398	399	399	400	399	400	400	401	401	402	401	402	400	399	400	399	400	399	399
20	386	387	386	388	387	389	388	389	389	390	390	391	388	387	388	387	388	387	387
25	371	372	371	373	372	374	373	374	374	375	375	376	373	372	373	372	372	371	372
30	352	353	352	354	353	355	355	356	356	358	357	359	355	353	355	353	354	352	353
35	330	332	331	333	332	334	334	336	335	337	336	338	333	332	333	332	333	331	332
40	306	307	307	309	308	310	310	312	311	313	312	314	309	308	309	308	309	307	308
45	279	281	280	282	282	284	283	285	285	286	286	288	283	281	283	281	282	280	281
50	250	251	251	253	252	255	254	256	256	258	257	259	254	252	254	252	253	251	252
55	219	220	220	222	221	223	223	225	225	227	226	228	223	221	223	221	222	219	220
60	186	187	187	188	188	190	190	192	192	194	193	195	190	188	190	187	189	186	187
65	151	153	152	154	154	156	155	158	158	160	159	161	156	154	155	153	154	151	152
70	116	117	117	119	118	121	120	123	123	124	124	126	121	119	120	118	119	116	117
75	82.0	83.0	82.6	84.1	84.0	85.8	85.9	87.7	88.0	89.7	89.5	91.0	86.2	84.7	85.7	83.3	84.1	81.6	82.2
80	49.3	50.5	50.2	51.7	51.4	53.2	53.1	55.0	55.0	56.8	56.6	57.9	53.2	51.9	53.0	51.0	51.6	49.3	49.8
85	20.1	21.1	21.0	22.9	22.8	24.4	24.3	25.9	26.0	27.4	26.6	27.5	23.6	22.6	23.3	22.6	23.0	21.4	21.4
90	0.33	0.32	0.38	0.61	0.57	1.34	1.34	2.40	2.52	3.43	3.19	3.68	1.03	0.51	0.81	0.32	0.28	0.16	0.11
95	0.26	0.31	0.32	0.33	0.28	0.28	0.25	0.26	0.30	0.30	0.34	0.32	0.19	0.15	0.13	0.12	0.13	0.15	0.11
100	0.32	0.34	0.37	0.37	0.32	0.32	0.25	0.27	0.28	0.35	0.38	0.38	0.19	0.17	0.15	0.18	0.17	0.19	0.18
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:8.000m [K=1.1658]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.516A P:12.38W PF:1.000 Freq:0Hz Lamp Flux:1213.06x1 lm		
NAME: EPR150TWWS 2000-6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120604
MFR.:	SUR.:	Shielding Angle:

Table--2						UNIT: cd													
C (DEG) γ (DEG)	285	300	315	330	345														
0	415	416	416	416	416														
5	413	413	413	413	413														
10	407	408	407	407	407														
15	398	399	398	398	398														
20	386	386	385	386	385														
25	370	371	369	370	369														
30	351	352	350	351	349														
35	330	330	328	329	327														
40	305	306	304	304	303														
45	278	279	277	278	275														
50	249	250	247	248	246														
55	217	218	215	217	214														
60	184	185	182	183	181														
65	149	150	147	149	146														
70	114	115	112	113	111														
75	79.7	80.4	77.9	78.8	76.8														
80	47.3	48.1	45.9	46.7	44.8														
85	19.9	19.9	18.3	17.8	16.4														
90	0.13	0.12	0.11	0.12	0.14														
95	0.14	0.14	0.11	0.13	0.13														
100	0.14	0.17	0.14	0.17	0.15														
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:8.000m [K=1.1658]
Remarks: