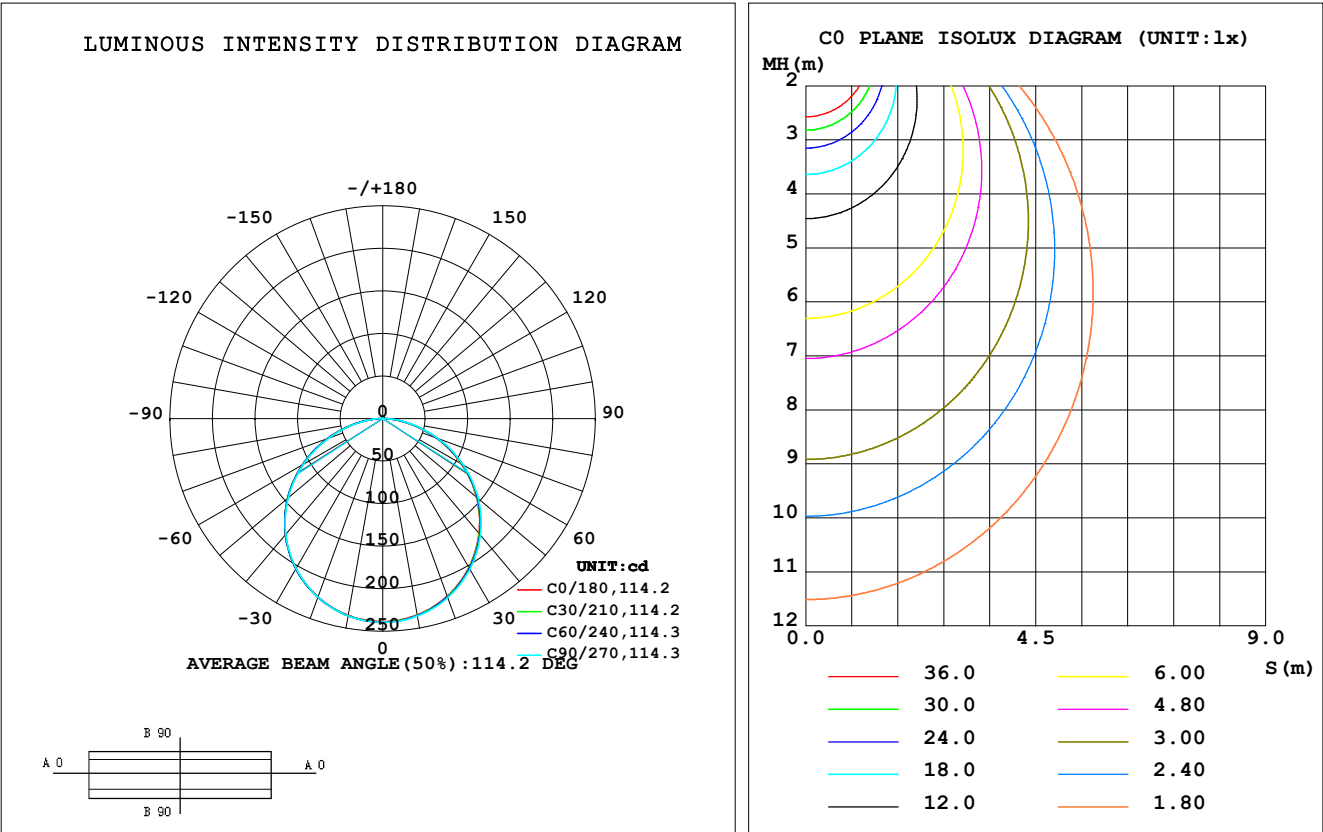


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.75 lm/W			
MODEL		I _{max} (cd)	239.4	S/MH (C0/180)	1.27
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	698.90	η UP, DN (C0-180)	0.0, 50.4
NOMINAL FLUX (lm)	698.896	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	234.2	235.3	235.5	236.1	234.7	235.2	235.3	234.6	0- 10	22.64	22.64	3.24,3.24
20	222.0	223.4	223.7	224.8	223.0	223.2	223.1	221.9	10- 20	64.95	87.60	12.5,12.5
30	202.3	204.1	204.6	206.1	203.8	203.6	203.7	201.7	20- 30	98.80	186.4	26.7,26.7
40	176.1	178.0	178.6	180.4	177.9	177.4	177.4	175.0	30- 40	119.8	306.2	43.8,43.8
50	144.0	145.8	146.9	148.7	146.1	145.2	145.1	142.4	40- 50	125.1	431.3	61.7,61.7
60	106.9	108.6	109.6	111.8	109.3	108.1	107.8	104.9	50- 60	113.9	545.2	78,78
70	66.96	68.37	69.52	71.66	69.35	67.97	67.43	64.63	60- 70	87.51	632.7	90.5,90.5
80	28.37	29.79	30.61	32.78	30.55	29.55	28.74	26.56	70- 80	51.21	683.9	97.9,97.9
90	0.2014	0.3176	0.7327	2.050	0.5616	0.1724	0.0825	0.0852	80- 90	14.82	698.7	100,100
100	0.1771	0.1889	0.1771	0.2007	0.1417	0.0708	0.1299	0.0708	90-100	0.1673	698.9	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0077	698.9	100,100
120	0	0	0	0	0	0	0	0	110-120	0	698.9	100,100
130	0	0	0	0	0	0	0	0	120-130	0	698.9	100,100
140	0	0	0	0	0	0	0	0	130-140	0	698.9	100,100
150	0	0	0	0	0	0	0	0	140-150	0	698.9	100,100
160	0	0	0	0	0	0	0	0	150-160	0	698.9	100,100
170	0	0	0	0	0	0	0	0	160-170	0	698.9	100,100
180	0	0	0	0	0	0	0	0	170-180	0	698.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 369.14 lm

%lum = 52.8%

%lamp = 52.8%

Conical surface Flux(120deg): 545.19 lm

%lum = 78.0%

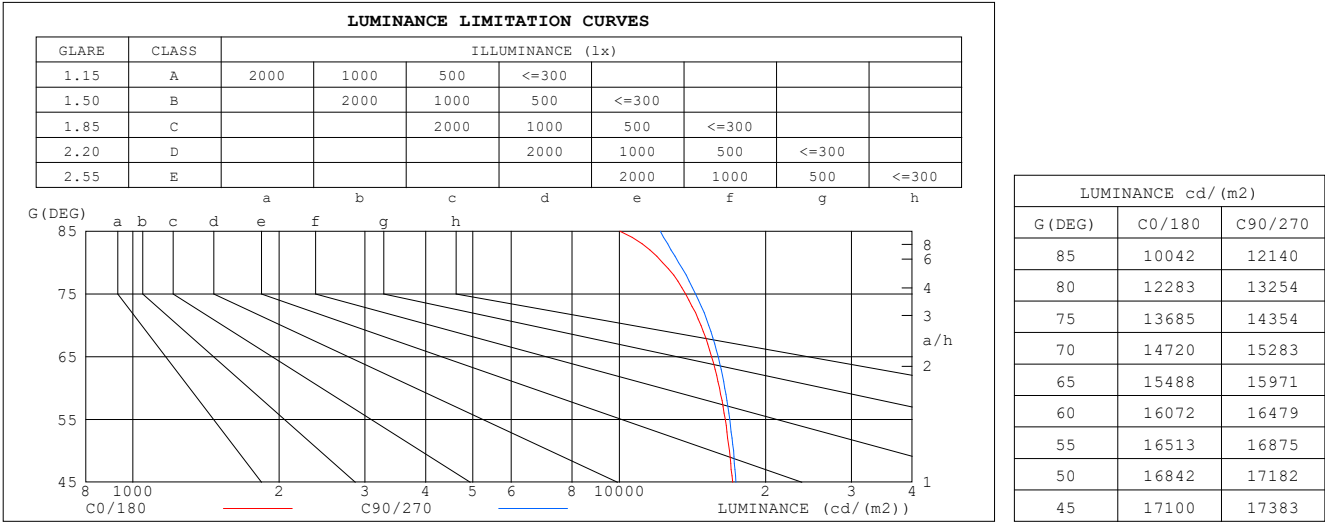
%lamp = 78.0%

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:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
MFR.:	SUR.:	Shielding Angle:



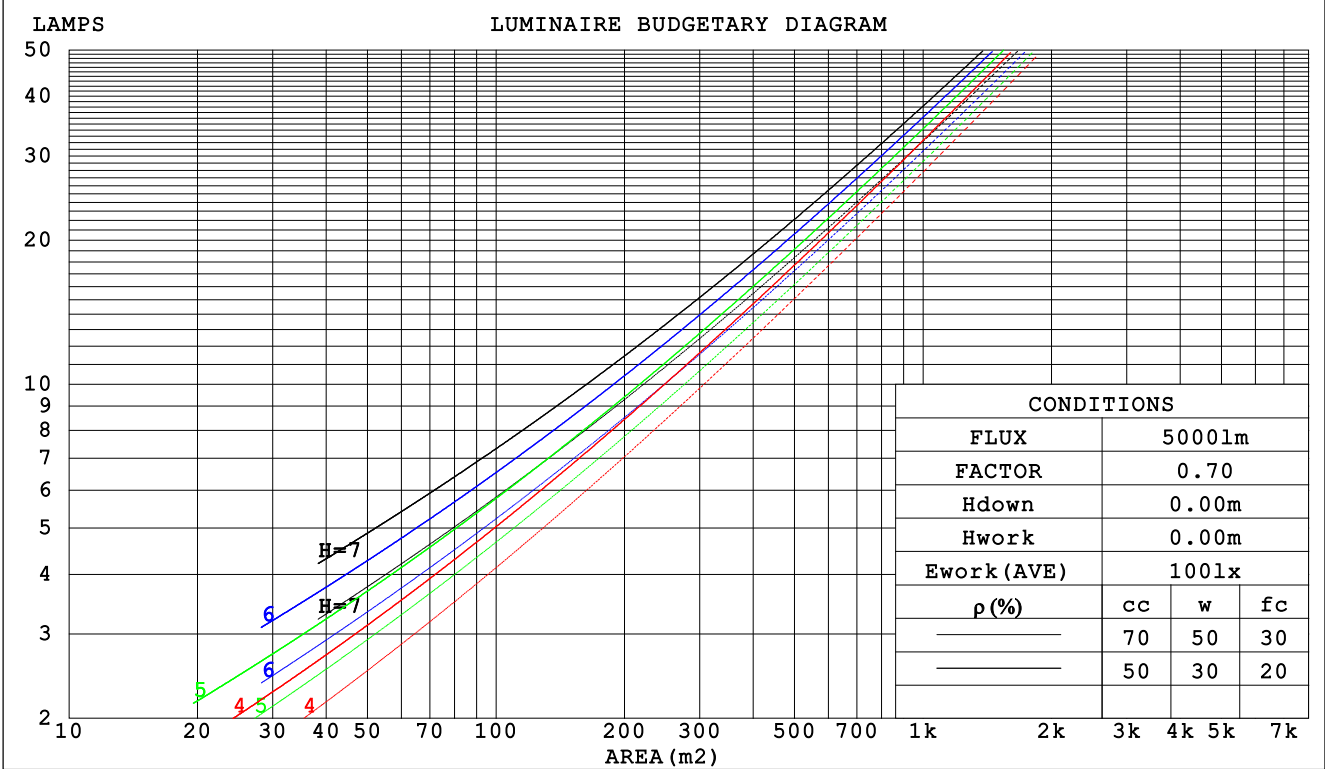
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

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:0.256A P:6.14W PF:1.000 Freq:0Hz		
Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
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	.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:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
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	.176	.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:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm										
NAME: EPR150TWWS 6000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 2024120605		
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	22.6	24.2	22.9	24.4	24.6	22.7	24.3	23.0	24.5	24.7
3H	24.2	25.6	24.5	25.8	26.1	24.3	25.7	24.6	26.0	26.2
4H	24.8	26.1	25.1	26.4	26.6	24.9	26.3	25.3	26.5	26.8
6H	25.2	26.5	25.6	26.8	27.0	25.4	26.7	25.7	27.0	27.2
8H	25.4	26.6	25.7	26.9	27.2	25.6	26.8	25.9	27.1	27.4
12H	25.4	26.6	25.8	26.9	27.2	25.7	26.9	26.0	27.2	27.5
4H 2H	23.3	24.6	23.6	24.9	25.1	23.3	24.7	23.6	24.9	25.2
3H	25.0	26.2	25.3	26.5	26.8	25.1	26.3	25.4	26.6	26.9
4H	25.7	26.8	26.1	27.1	27.5	25.9	26.9	26.2	27.3	27.6
6H	26.3	27.3	26.7	27.6	28.0	26.5	27.4	26.9	27.8	28.1
8H	26.5	27.4	26.9	27.7	28.1	26.7	27.6	27.1	27.9	28.3
12H	26.6	27.4	27.0	27.8	28.2	26.8	27.7	27.3	28.1	28.5
8H 4H	26.0	26.9	26.4	27.3	27.7	26.1	27.0	26.5	27.4	27.8
6H	26.7	27.5	27.2	27.9	28.3	26.9	27.6	27.3	28.0	28.5
8H	27.0	27.7	27.5	28.1	28.5	27.2	27.9	27.7	28.3	28.7
12H	27.2	27.8	27.7	28.2	28.7	27.4	28.0	27.9	28.5	28.9
12H 4H	26.0	26.8	26.4	27.2	27.6	26.1	27.0	26.6	27.3	27.8
6H	26.8	27.5	27.3	27.9	28.3	26.9	27.6	27.4	28.0	28.5
8H	27.1	27.7	27.6	28.1	28.6	27.3	27.9	27.8	28.3	28.8
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, 698.9 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = -1.2$)
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:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
MFR.:	SUR.:	Shielding Angle:

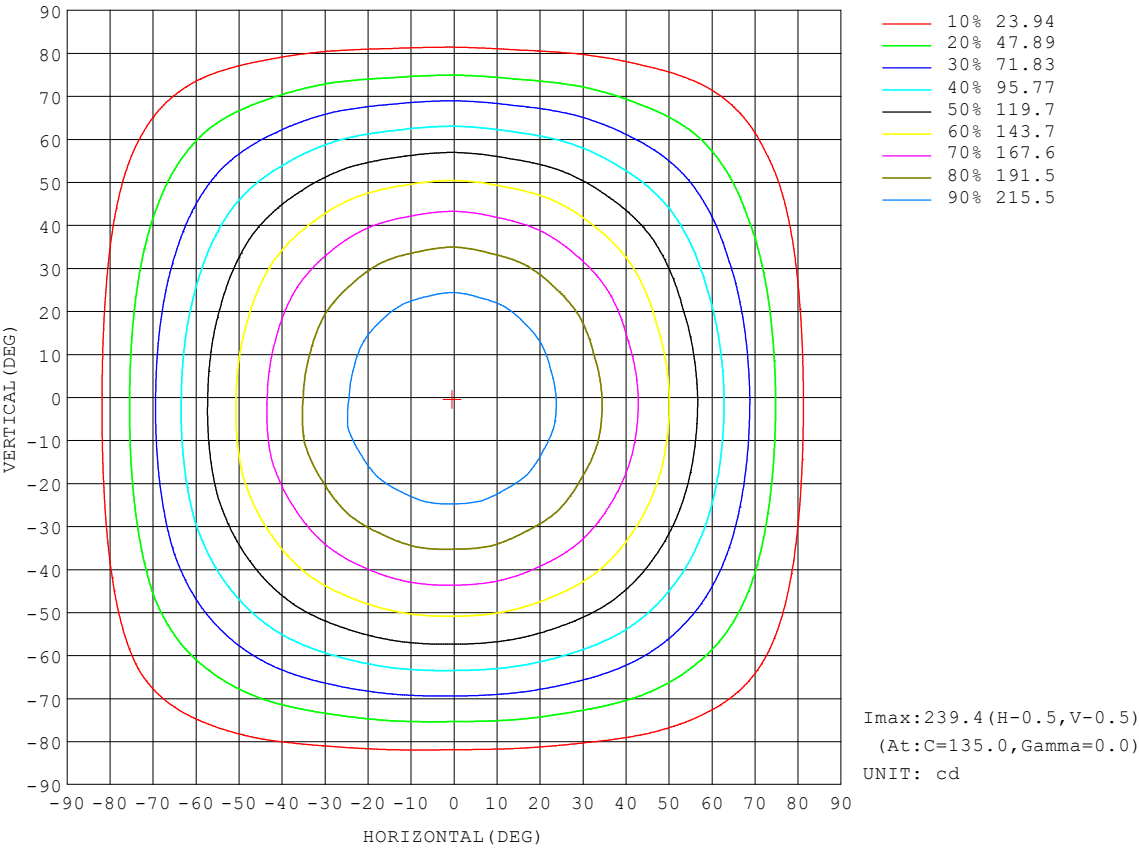
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	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:0.256A P:6.14W PF:1.000 Freq:0Hz		
Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
MFR.:	SUR.:	Shielding Angle:

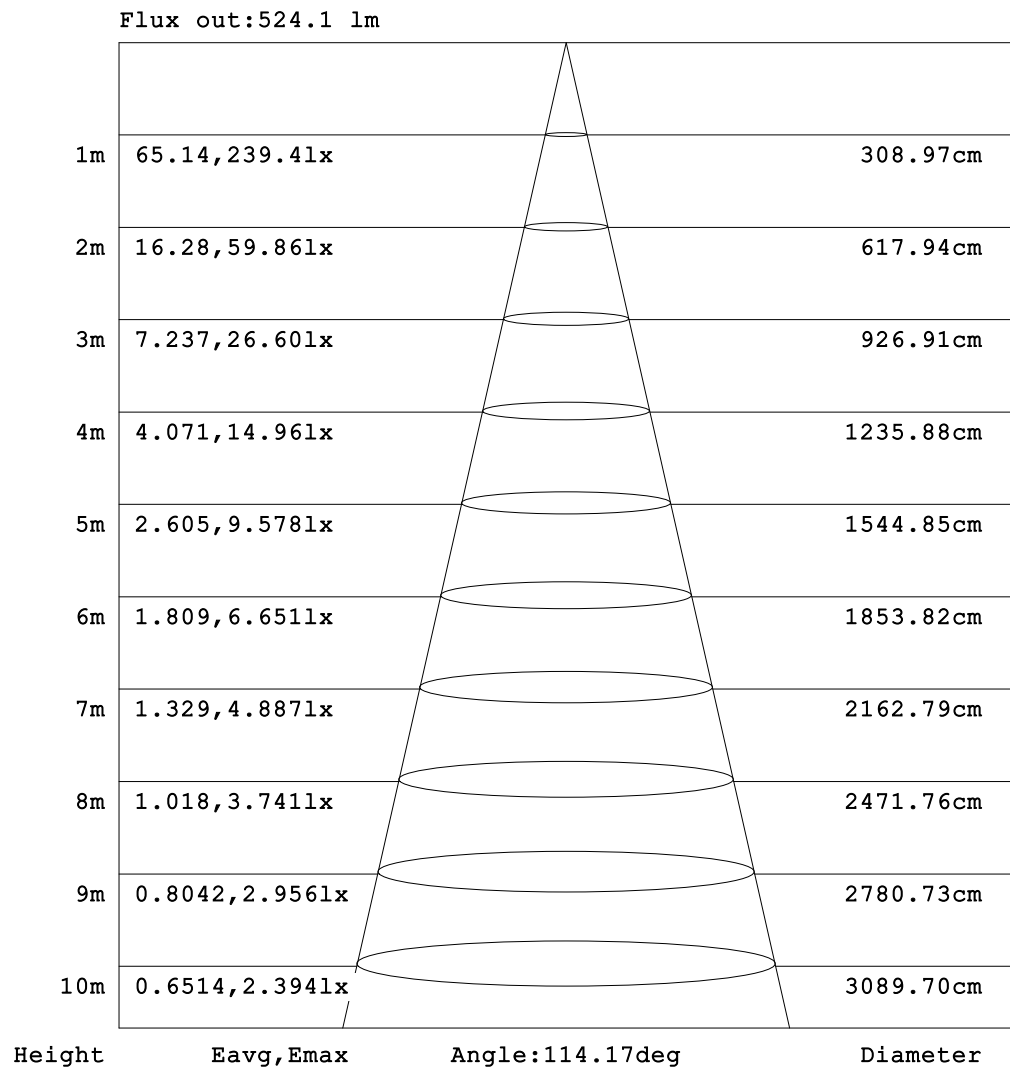


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN
Test Date:2024-12-06

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:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
MFR.:	SUR.:	Shielding Angle:



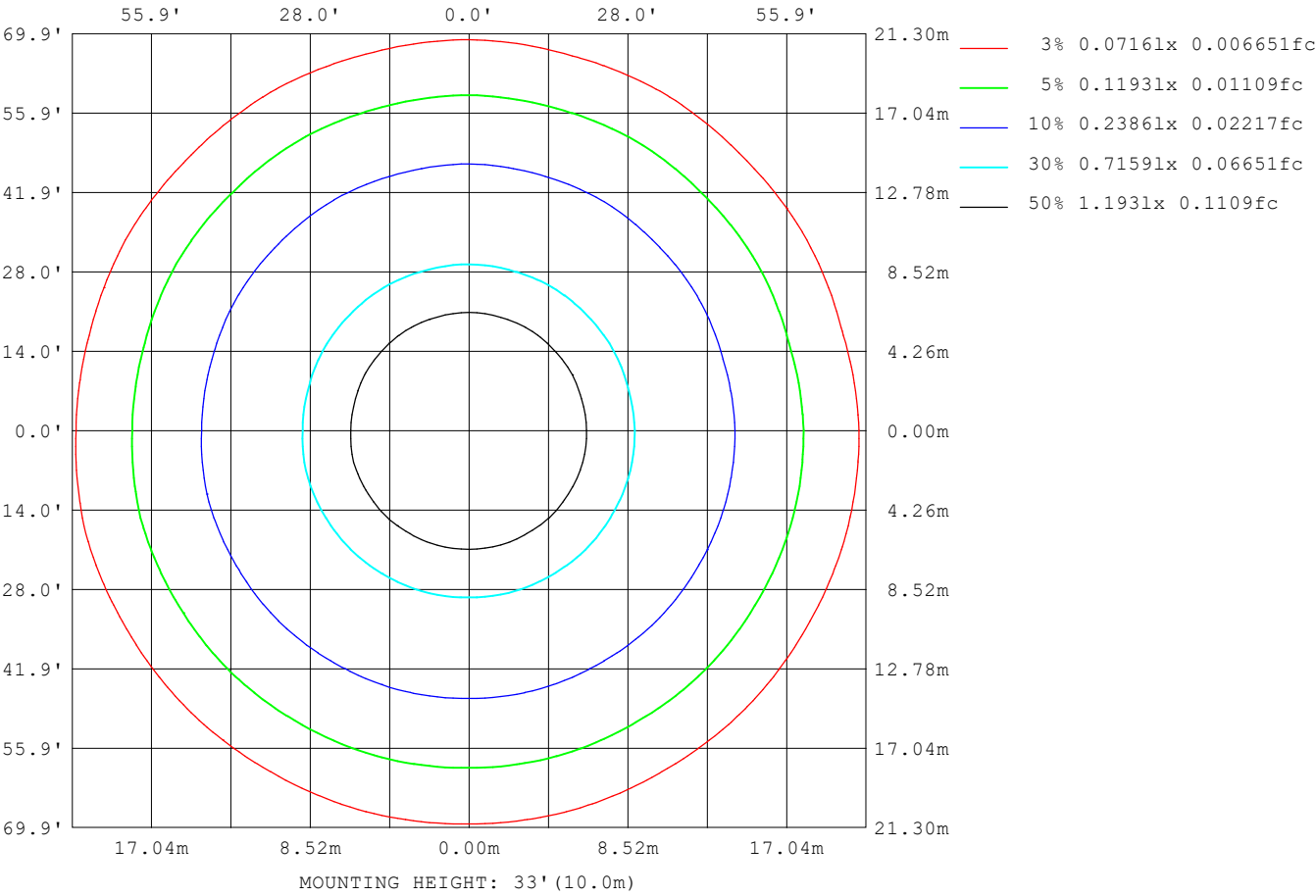
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
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:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
MFR.:	SUR.:	Shielding Angle:

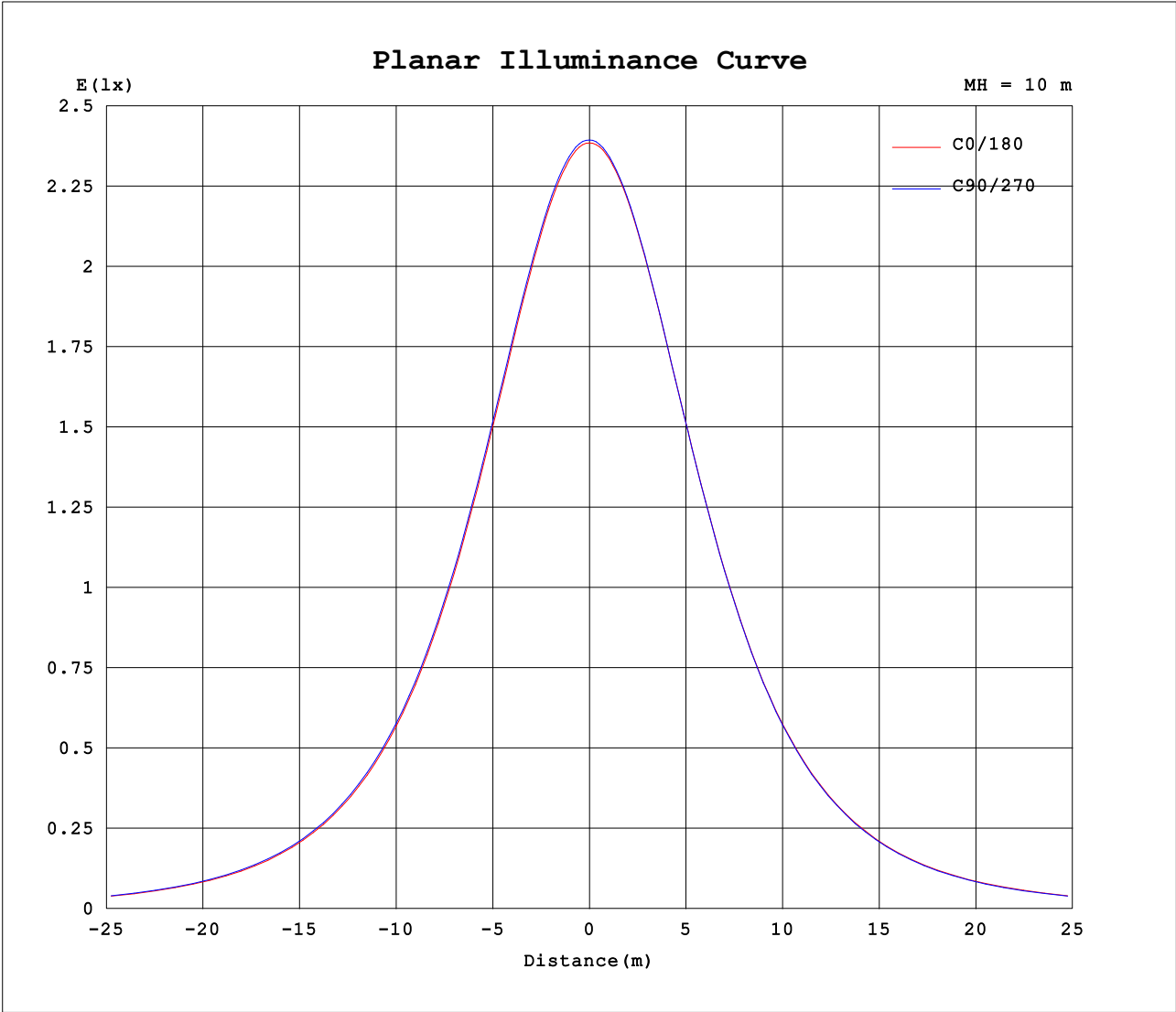
AvgL	cd/m2
L_0~180 (65) av	15710
L_0~180 (75) av	14044
L_0~180 (85) av	10830
L_90~270 (65) av	15796
L_90~270 (75) av	14075
L_90~270 (85) av	11361
L_45 (65) av	15728
L_45 (75) av	14031
L_45 (85) av	11317

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:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm		
NAME: EPR150TWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
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	238	239	239	239	239	239	239	239	239	239	239	239	238	239	239	239	239	239	239	
5	237	238	238	238	238	238	239	239	239	239	239	239	238	238	238	238	238	238	238	
10	234	235	235	235	235	236	236	236	236	236	236	236	235	235	235	235	235	235	235	
15	229	230	230	230	230	231	231	231	231	231	231	232	230	230	230	230	230	230	230	
20	222	223	223	223	223	224	224	224	224	225	224	225	223	223	223	223	223	223	223	
25	213	214	214	215	214	215	215	216	216	216	216	217	214	214	215	214	215	214	214	
30	202	203	203	204	204	205	205	205	205	206	206	206	204	203	204	204	204	203	204	
35	190	191	191	192	191	193	192	193	193	194	193	195	192	191	192	191	192	191	191	
40	176	177	177	178	178	179	179	180	179	180	180	181	178	177	178	177	178	177	177	
45	161	162	161	163	162	163	163	164	164	165	165	166	163	162	163	162	163	161	162	
50	144	145	145	146	146	147	147	148	148	149	148	149	146	145	146	145	146	144	145	
55	126	127	127	128	128	129	129	130	130	131	130	131	128	127	128	127	128	126	127	
60	107	108	107	109	108	110	110	111	111	112	111	112	109	108	109	108	109	107	108	
65	87.1	87.8	87.6	88.7	88.6	89.7	89.8	90.9	90.9	92.0	91.7	92.6	89.6	88.4	89.5	88.2	88.9	87.2	87.8	
70	67.0	67.6	67.5	68.4	68.4	69.4	69.5	70.5	70.7	71.7	71.5	72.4	69.4	68.4	69.3	68.0	68.5	67.0	67.4	
75	47.1	47.9	47.5	48.5	48.3	49.5	49.4	50.6	50.6	51.8	51.5	52.5	49.6	48.5	49.4	48.0	48.6	47.0	47.5	
80	28.4	29.1	28.9	29.8	29.6	30.6	30.6	31.7	31.7	32.8	32.7	33.4	30.5	29.8	30.5	29.6	29.7	28.6	28.7	
85	11.6	12.1	12.2	13.1	13.2	13.9	14.1	14.8	15.0	15.8	15.4	15.8	13.5	13.0	13.4	13.0	13.2	12.4	12.3	
90	0.20	0.19	0.24	0.32	0.35	0.74	0.73	1.44	1.42	2.05	1.83	2.18	0.56	0.32	0.43	0.17	0.11	0.12	0.08	
95	0.18	0.19	0.19	0.19	0.17	0.17	0.20	0.17	0.18	0.20	0.19	0.20	0.11	0.09	0.06	0.07	0.06	0.07	0.08	
100	0.18	0.19	0.20	0.19	0.19	0.18	0.18	0.18	0.21	0.20	0.20	0.20	0.14	0.09	0.07	0.07	0.07	0.12	0.13	
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:0.256A P:6.14W PF:1.000 Freq:0Hz Lamp Flux:698.896x1 lm		
NAME: EPR150TWWS 6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2024120605
MFR.:	SUR.:	Shielding Angle:

Table--2						UNIT: cd													
γ (DEG)	C (DEG)	285	300	315	330	345													
0		239	239	239	239	239													
5		238	238	238	238	238													
10		235	235	235	235	234													
15		229	230	229	229	229													
20		222	222	222	222	221													
25		213	214	213	213	212													
30		202	203	202	202	201													
35		190	190	189	190	188													
40		176	176	175	175	174													
45		160	161	159	160	159													
50		143	144	142	143	142													
55		125	126	124	125	123													
60		106	107	105	105	104													
65		86.0	86.6	84.8	85.5	84.0													
70		65.7	66.2	64.6	65.2	63.8													
75		45.8	46.4	44.8	45.5	44.1													
80		27.5	27.7	26.6	26.9	25.8													
85		11.4	11.4	10.5	10.2	9.49													
90		0.08	0.05	0.09	0.07	0.10													
95		0.06	0.05	0.07	0.07	0.08													
100		0.06	0.09	0.07	0.08	0.14													
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: