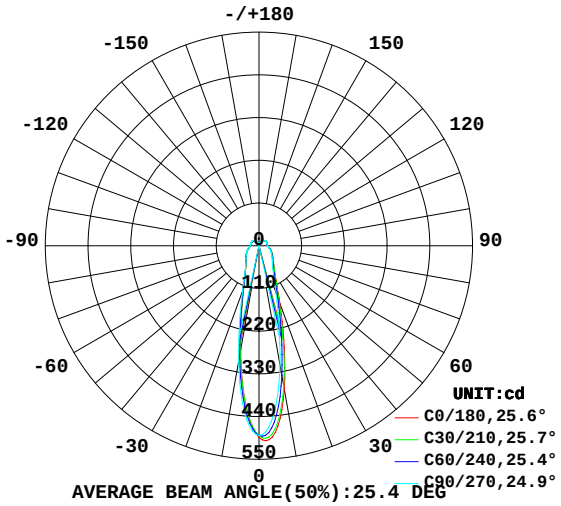
LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

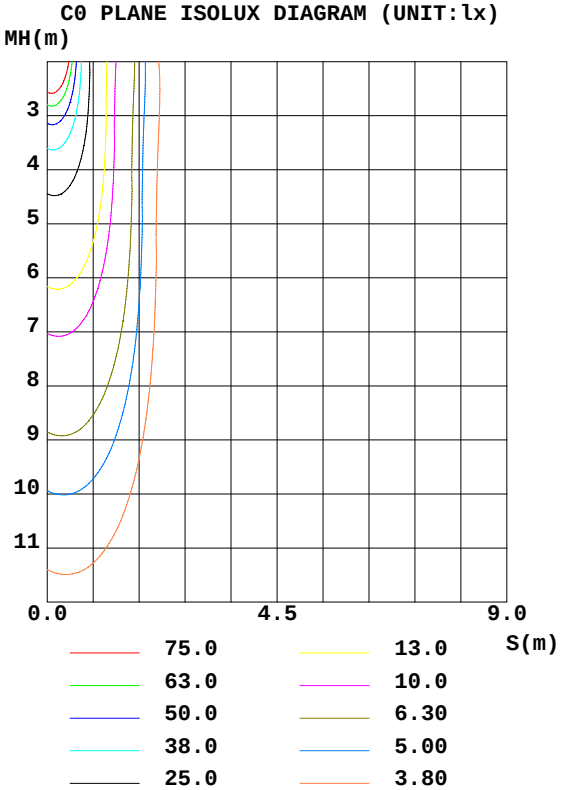
DATA OF LAMP		PHOTOMETRIC DATA Eff: 68.54 lm/W			
MODEL		Imax(cd)	502.4	S/MH(C0/180)	0.50
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	460.62	η UP,DN(C0-180)	13.1,37.3
NOMINAL FLUX(lm)	460.622	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	13.2,36.5
LAMPS INSIDE	1	η up(%)	26.2	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	24	η down(%)	73.8	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):25.4 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [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	374.9	354.1	312.5	283.9	271.7	282.4	301.6	335.3	0- 10	37.64	37.64	8.17,8.17
20	157.4	146.8	128.1	118.6	115.8	116.5	122.7	136.8	10- 20	56.00	93.63	20.3,20.3
30	82.23	79.06	72.83	70.03	69.48	69.53	70.91	75.00	20- 30	43.65	137.3	29.8,29.8
40	58.41	56.94	53.75	52.64	52.49	52.78	53.01	54.36	30- 40	39.01	176.3	38.3,38.3
50	46.91	45.86	43.82	43.18	43.27	43.80	43.82	44.34	40- 50	37.72	214.0	46.5,46.5
60	39.01	38.10	36.71	36.22	36.45	37.08	37.26	37.46	50- 60	36.38	250.4	54.4,54.4
70	32.45	31.64	30.72	30.31	30.56	31.11	31.53	31.68	60- 70	33.85	284.2	61.7,61.7
80	26.67	25.98	25.49	25.12	25.26	25.58	26.21	26.45	70- 80	30.07	314.3	68.2,68.2
90	21.68	21.20	21.38	21.39	21.71	21.56	21.95	22.09	80- 90	25.55	339.9	73.8,73.8
100	21.50	21.31	21.59	21.63	22.11	21.80	21.98	21.99	90-100	23.56	363.4	78.9,78.9
110	21.77	21.60	21.78	21.81	22.29	21.97	22.08	22.08	100-110	23.08	386.5	83.9,83.9
120	21.68	21.47	21.51	21.48	21.86	21.62	21.73	21.79	110-120	21.64	408.1	88.6,88.6
130	20.68	20.44	20.32	20.19	20.46	20.30	20.45	20.59	120-130	18.93	427.1	92.7,92.7
140	18.54	18.26	17.98	17.74	17.88	17.82	18.04	18.28	130-140	14.98	442.0	96,96
150	15.19	14.87	14.45	14.16	14.19	14.22	14.51	14.83	140-150	10.33	452.4	98.2,98.2
160	10.84	10.52	10.06	9.696	9.579	9.716	10.07	10.45	150-160	5.791	458.2	99.5,99.5
170	5.871	5.578	5.101	4.440	4.396	4.085	3.738	5.398	160-170	2.226	460.4	99.9,99.9
180	0.7409	0.7315	0.7220	0.7197	0.7362	0.7197	0.7173	0.7173	170-180	0.2373	460.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

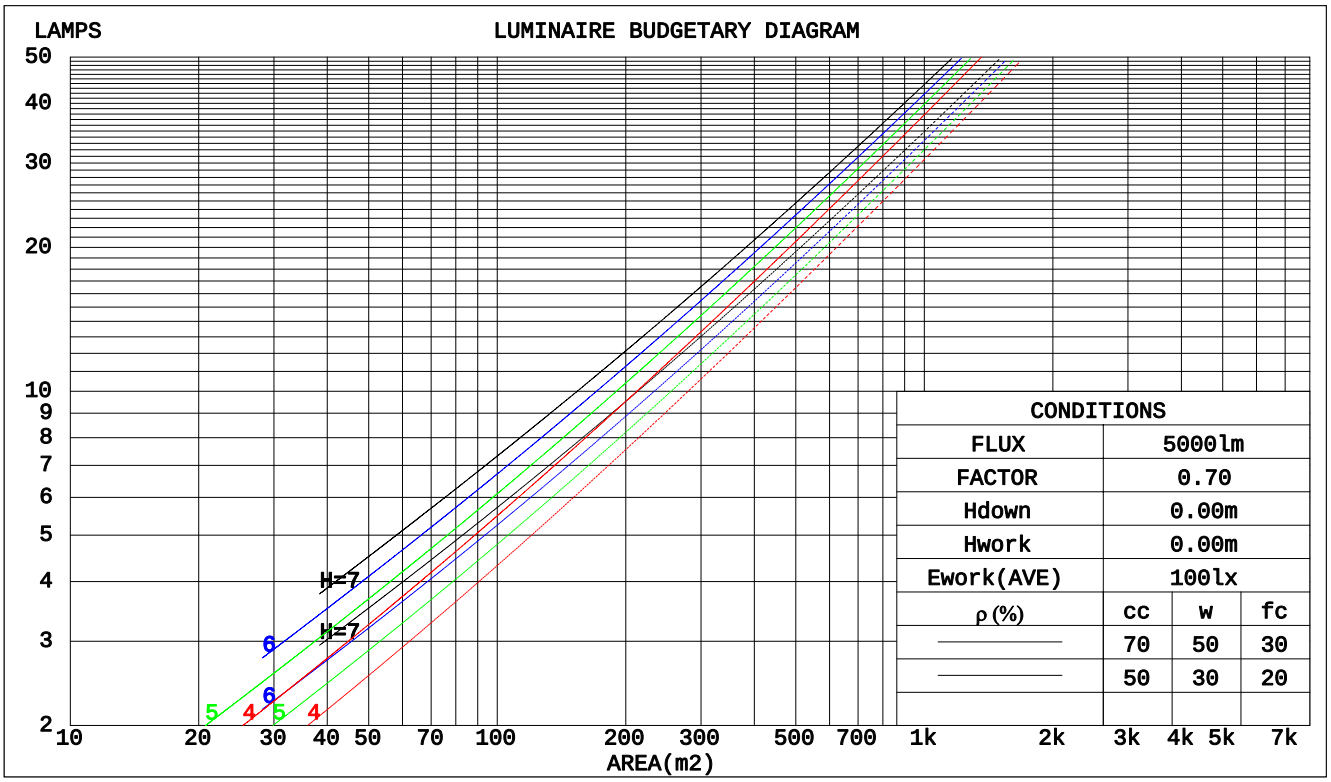
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION 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	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.78	.78	.78	.74
1.0	.97	.92	.88	.92	.88	.84	.83	.80	.77	.75	.72	.70	.67	.65	.63	.60
2.0	.85	.78	.73	.81	.75	.70	.73	.68	.64	.66	.62	.59	.59	.57	.54	.51
3.0	.76	.68	.62	.72	.65	.60	.66	.60	.55	.59	.55	.51	.54	.50	.47	.44
4.0	.68	.60	.54	.65	.58	.52	.59	.53	.49	.54	.49	.45	.49	.45	.42	.39
5.0	.62	.54	.48	.59	.52	.46	.54	.48	.43	.50	.45	.41	.45	.41	.38	.35
6.0	.57	.49	.43	.54	.47	.42	.50	.44	.39	.46	.41	.37	.42	.38	.35	.32
7.0	.52	.44	.39	.50	.43	.38	.46	.40	.36	.43	.38	.34	.40	.35	.32	.30
8.0	.49	.41	.36	.47	.40	.35	.43	.37	.33	.40	.35	.31	.37	.33	.30	.28
9.0	.45	.38	.33	.44	.37	.32	.41	.35	.31	.38	.33	.29	.35	.31	.28	.26
10.0	.42	.35	.31	.41	.34	.30	.38	.33	.29	.36	.31	.27	.33	.29	.26	.24



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION 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						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.325	.185	.059	.310	.177	.056	.282	.162	.052	.256	.148	.047	.232	.135	.043	
2.0	.283	.155	.048	.269	.148	.046	.244	.136	.042	.220	.124	.039	.199	.112	.035	
3.0	.252	.134	.040	.240	.129	.039	.217	.118	.036	.196	.107	.033	.176	.098	.030	
4.0	.228	.119	.035	.217	.114	.034	.196	.104	.031	.177	.095	.029	.159	.086	.026	
5.0	.209	.106	.031	.199	.102	.030	.180	.093	.028	.162	.085	.025	.145	.078	.023	
6.0	.192	.096	.028	.183	.092	.027	.165	.085	.025	.149	.078	.023	.134	.071	.021	
7.0	.178	.088	.025	.169	.084	.024	.153	.078	.022	.138	.071	.021	.124	.065	.019	
8.0	.166	.081	.023	.158	.078	.022	.143	.071	.020	.129	.065	.019	.116	.060	.017	
9.0	.155	.075	.021	.148	.072	.020	.134	.066	.019	.121	.061	.017	.109	.055	.016	
10.0	.145	.070	.019	.139	.067	.019	.126	.062	.017	.114	.057	.016	.103	.052	.015	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.390	.390	.390	.334	.334	.334	.228	.228	.228	.131	.131	.131	.042	.042	.042	
1.0	.383	.357	.335	.328	.307	.288	.224	.211	.199	.129	.122	.116	.041	.039	.037	
2.0	.374	.335	.302	.320	.288	.261	.219	.199	.182	.127	.116	.107	.041	.038	.035	
3.0	.365	.318	.281	.313	.274	.243	.215	.191	.171	.124	.111	.101	.040	.036	.033	
4.0	.356	.305	.266	.306	.264	.231	.210	.184	.163	.122	.108	.096	.039	.035	.032	
5.0	.348	.295	.256	.299	.255	.223	.206	.178	.157	.119	.105	.093	.038	.034	.031	
6.0	.341	.287	.248	.293	.249	.216	.202	.174	.153	.117	.102	.091	.038	.033	.030	
7.0	.334	.280	.243	.287	.243	.211	.199	.170	.150	.115	.100	.089	.037	.033	.029	
8.0	.328	.275	.238	.282	.238	.208	.195	.167	.147	.114	.099	.088	.037	.032	.029	
9.0	.322	.270	.235	.277	.234	.205	.192	.165	.145	.112	.097	.087	.036	.032	.029	
10.0	.316	.266	.232	.273	.231	.202	.189	.162	.144	.110	.096	.086	.036	.032	.028	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION 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	9.3	10.4	9.9	11.0	11.7	9.0	10.1	9.6	10.7	11.3
3H	11.6	12.6	12.2	13.2	14.0	11.3	12.3	11.9	12.9	13.6
4H	12.9	13.9	13.6	14.5	15.3	12.6	13.6	13.2	14.2	14.9
6H	14.4	15.2	15.0	15.9	16.7	14.0	14.9	14.7	15.6	16.4
8H	15.2	16.0	15.8	16.7	17.5	14.9	15.7	15.5	16.4	17.2
12H	16.1	16.9	16.8	17.6	18.4	15.8	16.6	16.5	17.3	18.1
4H 2H	10.0	11.0	10.7	11.6	12.4	9.8	10.7	10.4	11.4	12.1
3H	12.5	13.4	13.2	14.1	14.9	12.3	13.1	13.0	13.8	14.6
4H	14.0	14.8	14.7	15.5	16.3	13.8	14.5	14.5	15.2	16.1
6H	15.6	16.3	16.4	17.1	17.9	15.4	16.1	16.1	16.8	17.7
8H	16.5	17.2	17.3	17.9	18.8	16.3	16.9	17.1	17.7	18.6
12H	17.6	18.2	18.4	19.0	19.9	17.4	18.0	18.1	18.7	19.6
8H 4H	14.5	15.2	15.3	15.9	16.8	14.3	15.0	15.1	15.7	16.6
6H	16.4	17.0	17.2	17.8	18.7	16.2	16.8	17.0	17.6	18.5
8H	17.5	18.0	18.3	18.8	19.8	17.3	17.8	18.1	18.6	19.6
12H	18.8	19.2	19.6	20.1	21.0	18.6	19.0	19.4	19.9	20.8
12H 4H	14.7	15.2	15.4	16.0	16.9	14.5	15.1	15.2	15.8	16.7
6H	16.7	17.2	17.5	17.9	18.9	16.5	17.0	17.3	17.8	18.7
8H	17.9	18.3	18.7	19.1	20.1	17.7	18.1	18.5	18.9	19.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 460.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.7)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

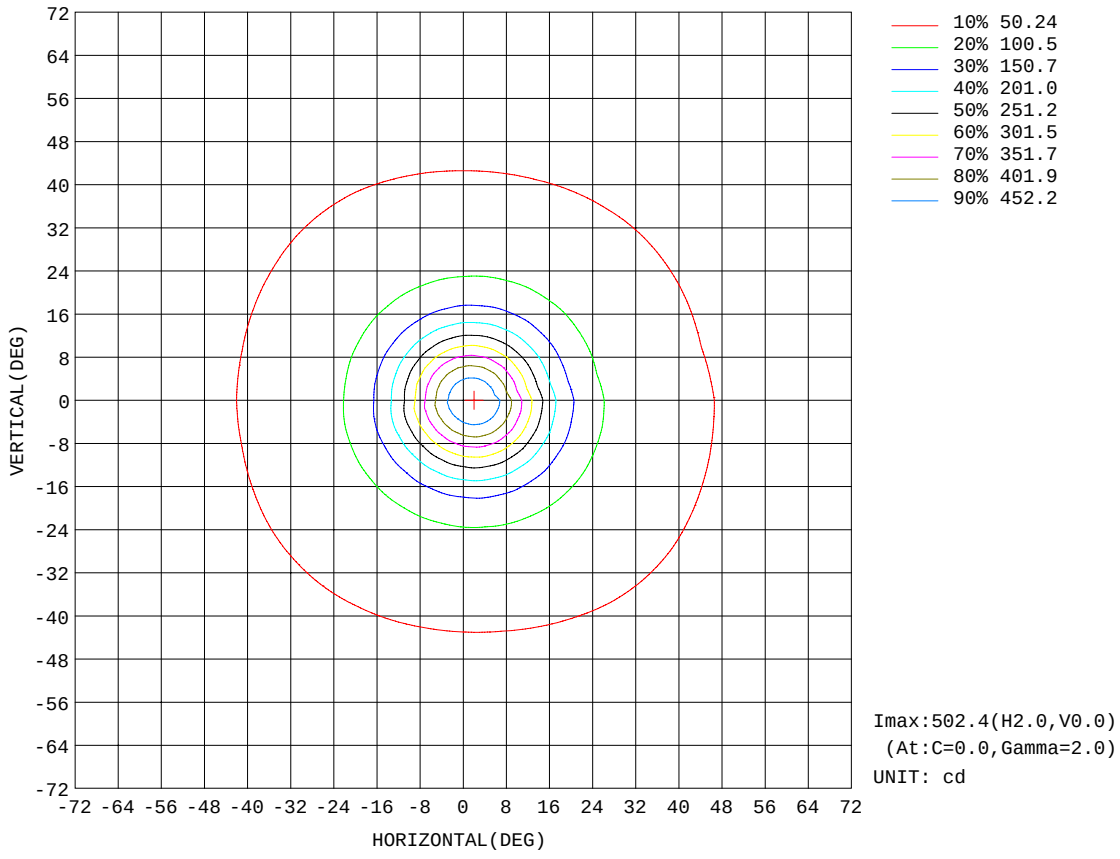
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	53	43	36	52	42	36	50	41	35	29
0.80	62	51	44	60	50	43	57	48	42	34
1.00	69	57	50	67	56	49	62	55	48	39
1.25	75	64	56	72	62	55	67	59	53	43
1.50	80	69	61	76	67	60	71	63	57	46
2.00	86	76	69	82	74	67	76	69	63	50
2.50	90	81	74	86	78	72	79	72	67	53
3.00	93	85	78	89	82	76	81	75	71	56
4.00	97	90	85	93	87	81	84	80	75	59
5.00	100	94	89	95	90	85	86	82	79	61
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:



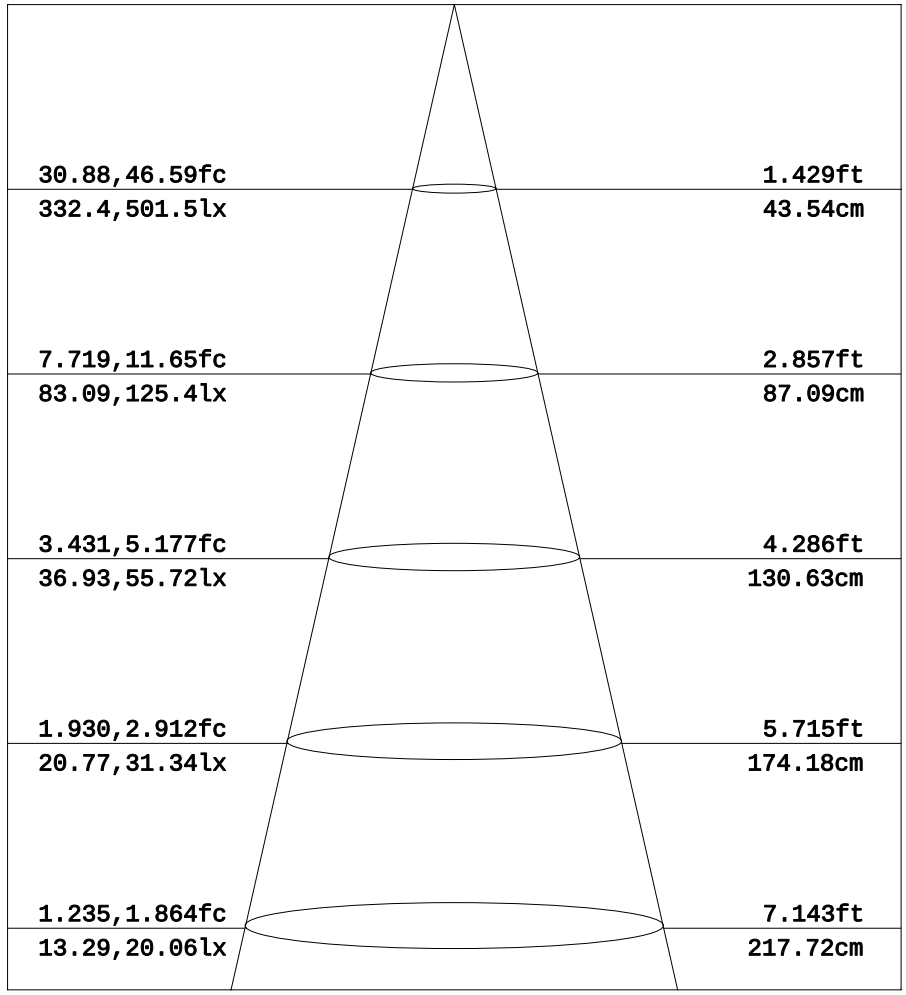
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

AAI Figure

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Flux out:55.65 lm



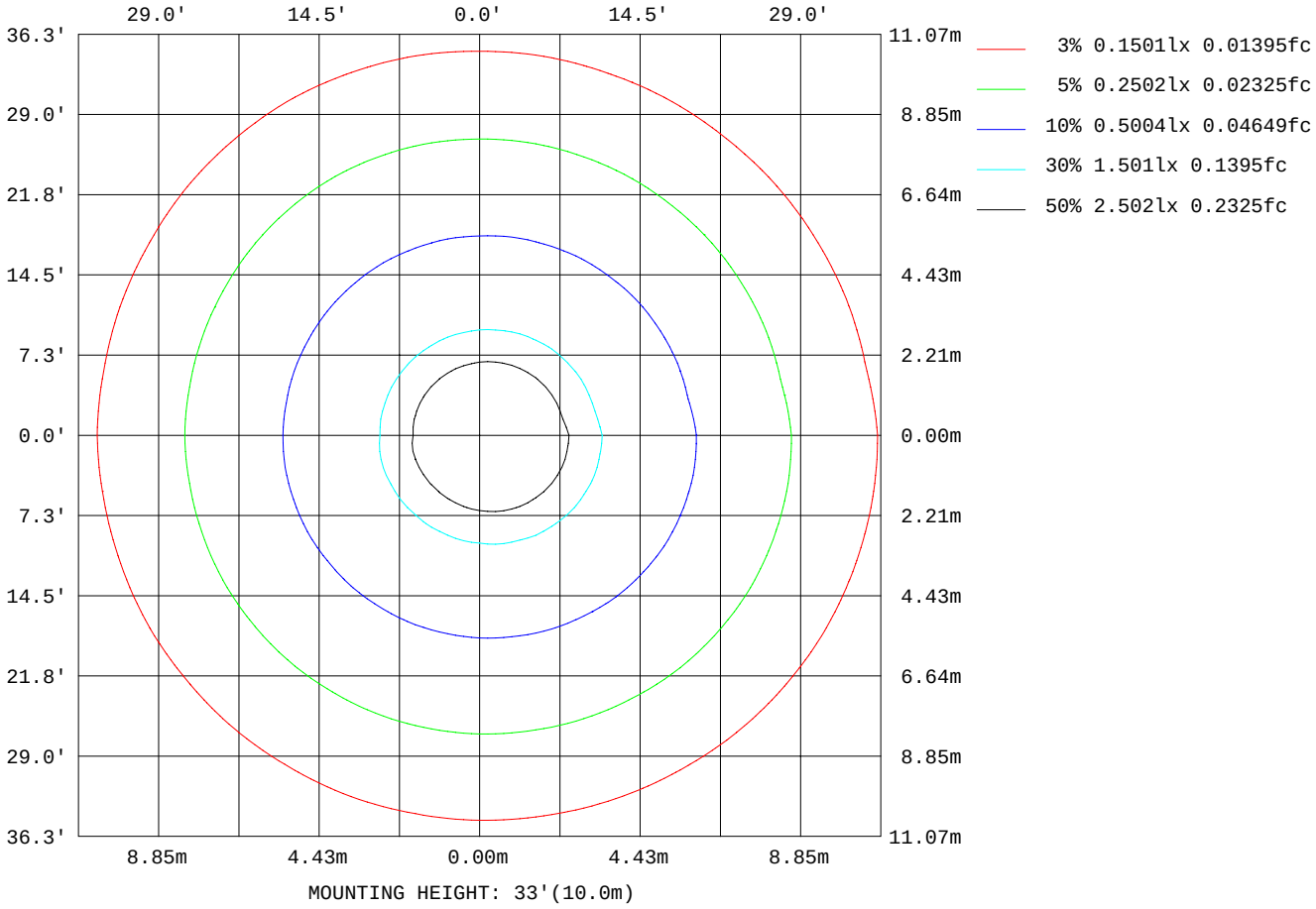
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	460.622	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	745	745	740	739	731	725	714	708	701	699	694	693	689	690	688	689	687	687	692
60	780	780	774	772	765	759	749	744	737	734	729	728	724	725	724	726	723	724	729
65	843	841	835	833	825	820	810	805	798	795	790	788	784	785	784	787	785	785	791
70	949	946	938	936	928	923	913	909	901	898	892	890	885	886	886	889	887	888	894
75	1138	1133	1123	1120	1112	1108	1098	1094	1086	1082	1075	1071	1066	1067	1067	1071	1069	1069	1076
80	1536	1527	1512	1508	1498	1495	1485	1481	1472	1468	1457	1452	1446	1447	1446	1451	1448	1448	1455
85	2761	2740	2713	2706	2692	2689	2677	2676	2662	2655	2637	2628	2614	2616	2614	2620	2614	2611	2619

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	2761	200	---	500
Category 2	65 to 90	2761	200	---	500
Category 3	75 to 90	2761	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	460.622	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	745	745	740	739	731	725	714	708	701	699	694	693	689	690	688	689	687	687	692
60	780	780	774	772	765	759	749	744	737	734	729	728	724	725	724	726	723	724	729
65	843	841	835	833	825	820	810	805	798	795	790	788	784	785	784	787	785	785	791
70	949	946	938	936	928	923	913	909	901	898	892	890	885	886	886	889	887	888	894
75	1138	1133	1123	1120	1112	1108	1098	1094	1086	1082	1075	1071	1066	1067	1067	1071	1069	1069	1076
80	1536	1527	1512	1508	1498	1495	1485	1481	1472	1468	1457	1452	1446	1447	1446	1451	1448	1448	1455
85	2761	2740	2713	2706	2692	2689	2677	2676	2662	2655	2637	2628	2614	2616	2614	2620	2614	2611	2619

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m) Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	2761	1000	1500	200	500
65 to 90	2761	1000	1500	200	500

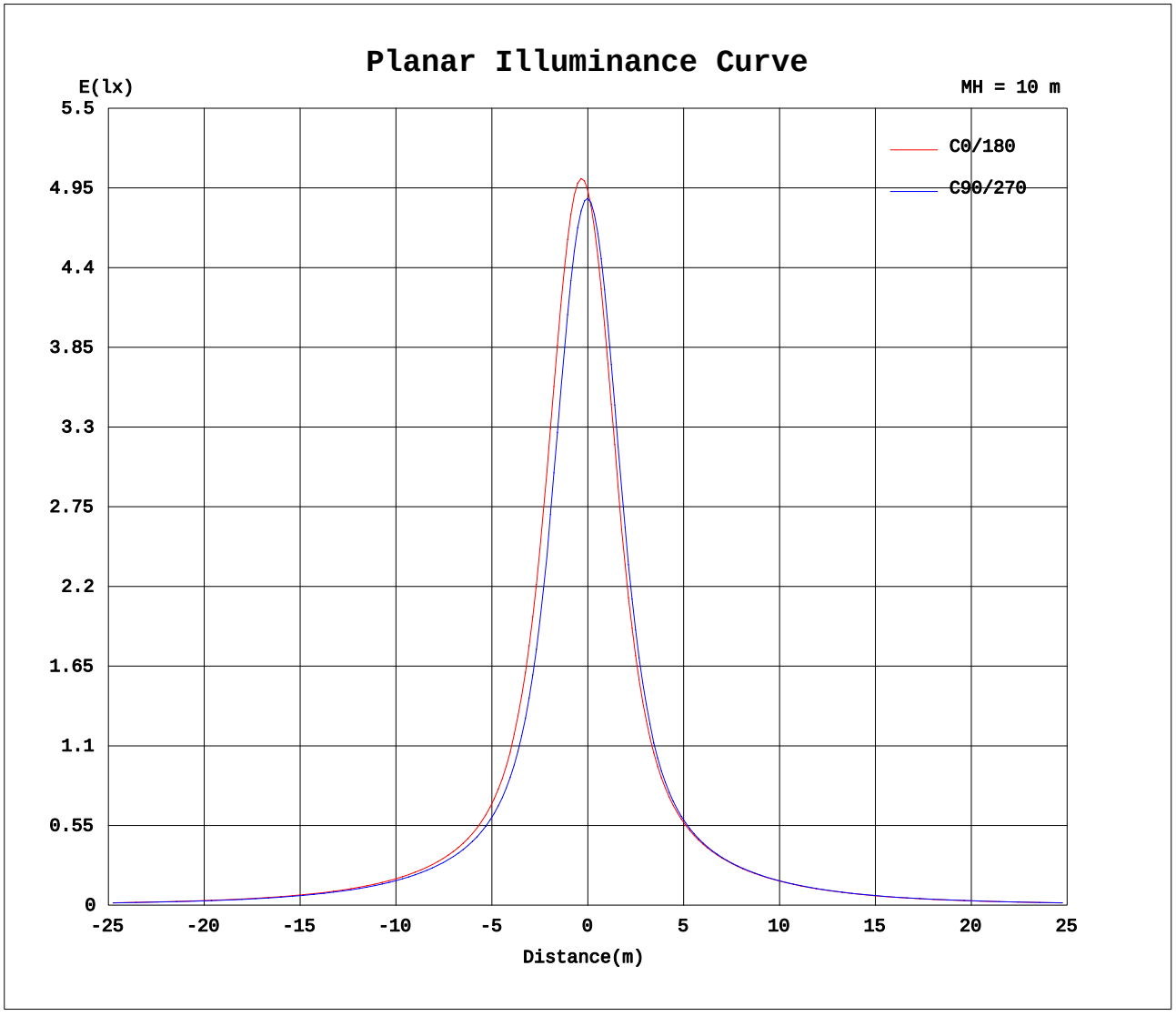
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

No match

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	494	491	491	489	489	489	488	488	488	488	488	488	488	489	489	489	489	490	494
5	483	481	477	474	468	463	455	450	441	436	428	424	417	416	411	411	408	410	405
10	375	375	370	367	357	351	339	331	319	312	302	295	289	286	282	281	280	282	272
15	246	243	242	237	232	224	218	210	204	196	192	186	183	179	179	177	178	177	173
20	157	156	155	152	150	144	141	136	131	128	125	123	120	119	118	118	117	118	116
25	108	108	107	106	103	101	98.4	96.3	93.8	92.2	90.3	89.3	88.1	87.6	86.8	86.9	86.5	86.7	86.0
30	82.2	82.5	81.8	81.2	79.7	78.4	76.5	75.2	73.7	72.8	71.7	71.3	70.5	70.3	69.8	69.8	69.4	69.6	69.5
35	67.7	67.9	67.5	67.1	66.1	65.1	63.9	62.9	61.9	61.3	60.7	60.4	59.9	59.8	59.5	59.5	59.2	59.2	59.4
40	58.4	58.6	58.3	58.0	57.3	56.6	55.6	54.8	54.1	53.7	53.3	53.1	52.9	52.7	52.5	52.5	52.3	52.2	52.5
45	51.9	52.0	51.8	51.6	51.0	50.4	49.6	49.0	48.5	48.2	47.9	47.8	47.6	47.5	47.4	47.3	47.2	47.1	47.4
50	46.9	47.0	46.7	46.6	46.1	45.6	44.9	44.5	44.0	43.8	43.5	43.5	43.2	43.3	43.1	43.2	43.0	43.0	43.3
55	42.7	42.7	42.5	42.4	41.9	41.6	41.0	40.6	40.2	40.1	39.8	39.7	39.5	39.6	39.5	39.5	39.4	39.4	39.7
60	39.0	39.0	38.7	38.6	38.2	38.0	37.4	37.2	36.8	36.7	36.5	36.4	36.2	36.3	36.2	36.3	36.2	36.2	36.4
65	35.6	35.5	35.3	35.2	34.9	34.6	34.2	34.0	33.7	33.6	33.4	33.3	33.1	33.2	33.1	33.3	33.2	33.2	33.4
70	32.5	32.3	32.1	32.0	31.7	31.6	31.2	31.1	30.8	30.7	30.5	30.4	30.3	30.3	30.3	30.4	30.3	30.4	30.6
75	29.5	29.3	29.1	29.0	28.8	28.7	28.4	28.3	28.1	28.0	27.8	27.7	27.6	27.6	27.6	27.7	27.7	27.7	27.8
80	26.7	26.5	26.2	26.2	26.0	26.0	25.8	25.7	25.6	25.5	25.3	25.2	25.1	25.1	25.1	25.2	25.1	25.1	25.3
85	24.1	23.9	23.6	23.6	23.5	23.4	23.3	23.3	23.2	23.1	23.0	22.9	22.8	22.8	22.8	22.8	22.8	22.8	22.8
90	21.7	21.8	21.3	21.2	21.2	21.2	21.3	21.7	21.4	21.4	21.4	21.3	21.3	21.4	21.4	21.5	21.5	21.4	21.7
95	21.5	21.3	21.1	21.1	21.1	21.2	21.3	21.4	21.4	21.4	21.4	21.4	21.3	21.4	21.5	21.6	21.5	21.5	21.9
100	21.5	21.4	21.2	21.2	21.2	21.4	21.4	21.5	21.5	21.6	21.5	21.5	21.5	21.6	21.6	21.8	21.7	21.8	22.1
105	21.7	21.6	21.4	21.4	21.4	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.9	21.9	21.9	22.3
110	21.8	21.7	21.5	21.5	21.6	21.6	21.7	21.8	21.8	21.8	21.7	21.7	21.7	21.8	21.8	21.9	21.9	21.9	22.3
115	21.8	21.7	21.5	21.6	21.6	21.6	21.7	21.8	21.8	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.9	21.8	22.2
120	21.7	21.5	21.5	21.4	21.5	21.5	21.6	21.6	21.6	21.5	21.5	21.4	21.4	21.4	21.5	21.5	21.6	21.6	21.9
125	21.3	21.2	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.0	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.3
130	20.7	20.6	20.5	20.4	20.4	20.4	20.5	20.4	20.4	20.3	20.3	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.5
135	19.8	19.7	19.6	19.5	19.5	19.5	19.5	19.4	19.4	19.3	19.2	19.2	19.1	19.1	19.1	19.1	19.1	19.1	19.3
140	18.5	18.5	18.4	18.3	18.3	18.2	18.2	18.1	18.0	18.0	17.9	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.9
145	17.0	17.0	16.9	16.8	16.7	16.7	16.6	16.5	16.4	16.3	16.3	16.2	16.1	16.1	16.1	16.1	16.0	16.1	16.2
150	15.2	15.1	15.0	15.0	14.9	14.8	14.7	14.6	14.5	14.5	14.4	14.3	14.2	14.2	14.1	14.1	14.1	14.1	14.2
155	13.1	13.1	13.0	12.9	12.8	12.8	12.6	12.5	12.4	12.4	12.2	12.2	12.1	12.1	12.0	12.0	12.0	12.0	12.0
160	10.8	10.8	10.7	10.7	10.5	10.5	10.3	10.3	10.1	10.1	9.93	9.88	9.76	9.75	9.65	9.66	9.61	9.66	9.58
165	8.40	8.38	8.26	8.23	8.12	8.06	7.92	7.84	7.69	7.62	7.49	7.44	7.32	7.28	7.18	7.18	7.14	7.17	7.04
170	5.87	5.83	5.72	5.70	5.62	5.54	5.42	5.32	5.20	5.10	4.90	4.68	4.68	4.40	4.48	4.62	4.59	4.60	4.40
175	0.75	0.75	0.76	0.74	0.75	0.73	0.74	0.73	0.73	0.72	0.72	0.72	0.73	1.36	0.72	1.73	0.73	0.73	1.48
180	0.74	0.74	0.74	0.74	0.73	0.73	0.73	0.73	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.73	0.73	0.74

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Pendant35-R-A-10-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Table--2 UNIT: cd

C(DEG) / γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	491	491	489	489	489	488	488	488	488	488	488	488	489	489	489	489	490		
5	404	407	407	411	412	418	420	426	430	437	441	448	452	458	461	466	467		
10	275	277	278	282	283	288	291	297	302	311	315	326	330	340	344	352	354		
15	174	173	175	175	178	179	182	185	190	193	200	204	211	216	222	225	229		
20	115	116	115	116	117	118	119	121	123	126	128	132	135	139	143	144	147		
25	85.5	85.7	85.5	86.1	86.1	86.9	87.3	88.4	89.1	90.7	91.9	94.0	95.5	97.8	99.0	101	102		
30	69.1	69.2	69.1	69.5	69.6	70.0	70.1	70.7	70.9	71.7	72.3	73.5	74.3	75.7	76.6	77.9	78.5		
35	59.0	59.1	59.1	59.4	59.5	59.8	59.8	60.0	60.1	60.5	60.8	61.4	62.0	62.8	63.5	64.4	65.0		
40	52.2	52.3	52.4	52.7	52.9	53.1	53.0	53.1	53.0	53.2	53.3	53.7	54.0	54.7	55.2	55.9	56.3		
45	47.2	47.3	47.4	47.7	47.9	48.1	48.0	48.0	47.9	48.0	48.0	48.2	48.5	49.0	49.4	49.9	50.3		
50	43.0	43.2	43.3	43.7	43.9	44.1	44.0	44.0	43.8	43.9	43.8	44.0	44.1	44.6	44.8	45.3	45.5		
55	39.5	39.6	39.8	40.2	40.4	40.7	40.6	40.6	40.4	40.4	40.3	40.4	40.5	40.9	41.1	41.4	41.5		
60	36.3	36.4	36.6	37.0	37.2	37.5	37.4	37.4	37.3	37.3	37.1	37.3	37.3	37.6	37.7	38.0	38.0		
65	33.3	33.4	33.6	33.9	34.2	34.4	34.4	34.4	34.3	34.3	34.3	34.3	34.4	34.6	34.7	34.8	34.8		
70	30.4	30.5	30.7	31.0	31.2	31.5	31.5	31.6	31.5	31.6	31.5	31.6	31.6	31.8	31.8	31.9	31.7		
75	27.7	27.8	27.9	28.2	28.4	28.6	28.7	28.8	28.8	28.9	28.9	28.9	28.9	29.1	29.0	29.0	28.8		
80	25.1	25.2	25.3	25.5	25.7	25.9	26.0	26.2	26.2	26.3	26.3	26.4	26.4	26.5	26.4	26.3	26.1		
85	22.7	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	23.9	24.0	24.0	24.1	23.9	23.8	23.6		
90	21.6	21.5	21.5	21.5	21.6	21.8	21.8	22.1	22.0	22.0	22.0	22.0	22.0	22.2	21.8	21.9	21.4		
95	21.7	21.7	21.6	21.7	21.6	21.7	21.8	21.9	21.9	22.0	22.0	22.0	22.0	21.9	21.7	21.5	21.3		
100	21.9	21.9	21.8	21.8	21.8	21.8	21.8	22.0	22.0	22.1	22.1	22.1	22.0	22.0	21.7	21.6	21.4		
105	22.1	22.1	22.0	22.0	21.9	21.9	21.9	22.0	22.1	22.1	22.2	22.2	22.1	22.0	21.8	21.7	21.5		
110	22.2	22.1	22.0	22.0	21.9	21.9	22.0	22.0	22.1	22.2	22.2	22.2	22.1	22.0	21.9	21.7	21.6		
115	22.1	22.0	22.0	21.9	21.9	21.8	21.9	21.9	22.0	22.0	22.1	22.1	22.1	22.0	21.9	21.7	21.6		
120	21.8	21.7	21.7	21.6	21.6	21.6	21.6	21.6	21.7	21.8	21.8	21.8	21.8	21.7	21.7	21.5	21.4		
125	21.2	21.2	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.3	21.3	21.3	21.4	21.3	21.2	21.1	21.0		
130	20.4	20.3	20.3	20.3	20.3	20.3	20.3	20.4	20.4	20.5	20.6	20.6	20.6	20.6	20.5	20.4	20.4		
135	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.3	19.4	19.5	19.5	19.6	19.6	19.6	19.5	19.5	19.4		
140	17.8	17.8	17.8	17.8	17.8	17.9	17.9	18.0	18.0	18.1	18.2	18.3	18.3	18.3	18.3	18.2	18.2		
145	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.3	16.4	16.5	16.6	16.7	16.7	16.7	16.7	16.7	16.6		
150	14.1	14.2	14.1	14.2	14.2	14.3	14.3	14.4	14.5	14.6	14.7	14.8	14.8	14.9	14.8	14.8	14.8		
155	11.9	12.0	12.0	12.1	12.1	12.2	12.2	12.3	12.4	12.5	12.6	12.7	12.7	12.8	12.8	12.8	12.7		
160	9.54	9.60	9.60	9.70	9.73	9.84	9.88	10.0	10.1	10.2	10.3	10.4	10.4	10.5	10.5	10.5	10.5		
165	7.01	7.07	7.10	7.19	7.23	7.30	7.31	7.45	7.54	7.72	7.81	7.93	7.97	8.04	8.04	8.07	8.04		
170	4.39	4.45	4.42	4.17	4.00	3.92	3.62	3.67	3.74	3.95	4.21	4.98	5.32	5.48	5.50	5.51	5.48		
175	0.73	1.55	0.72	1.39	0.72	1.23	0.72	0.72	0.72	0.72	0.72	0.71	0.72	0.72	0.73	0.72	0.72		
180	0.73	0.73	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks: