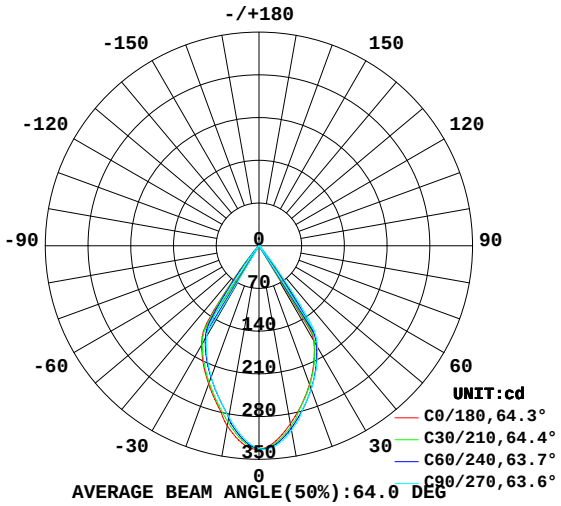
LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: pendant-glory-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

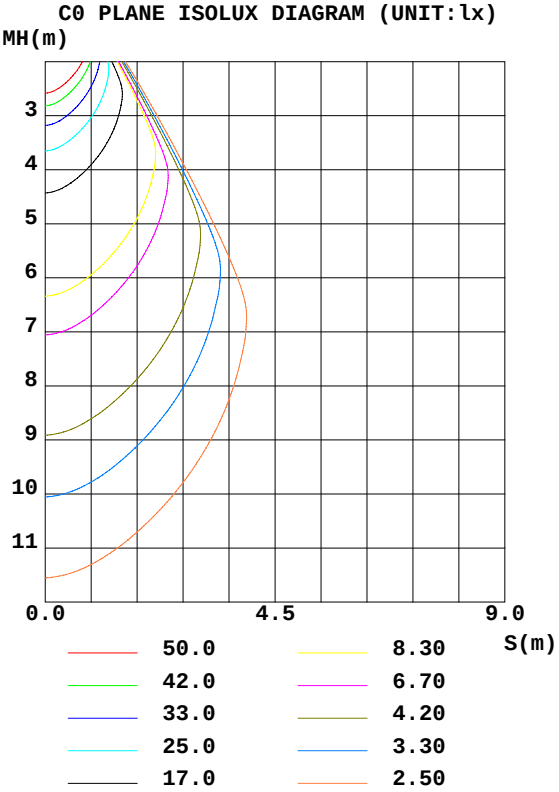
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 25.66 lm/W	
MODEL		Imax(cd)	333.9	S/MH(C0/180)	0.89
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.93
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	264.81	η UP,DN(C0-180)	0.1,51.9
NOMINAL FLUX(lm)	264.813	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,47.8
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	24	η down(%)	99.7	CIBSE SHR MAX	0.95

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):64.0 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	296.2	302.2	307.0	306.1	299.5	291.0	285.3	286.8	0- 10	29.88	29.88	11.3,11.3
20	241.9	246.5	250.3	249.3	241.3	234.3	228.9	230.9	10- 20	75.10	105.0	39.6,39.6
30	179.2	184.7	191.7	191.1	188.3	181.7	171.8	169.8	20- 30	97.34	202.3	76.4,76.4
40	8.017	11.56	20.35	29.07	24.87	18.97	11.40	6.928	30- 40	59.34	261.7	98.8,98.8
50	0.2271	0.2361	0.2684	0.3141	0.2447	0.2124	0.1939	0.1486	40- 50	2.350	264.0	99.7,99.7
60	0.0002	0.0024	0	0.0072	0	0.0000	0	0	50- 60	0.0670	264.1	99.7,99.7
70	0	0	0	0	0	0	0	0	60- 70	0.0002	264.1	99.7,99.7
80	0	0	0	0	0	0	0	0	70- 80	0	264.1	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	0	264.1	99.7,99.7
100	0	0	0	0	0	0	0	0	90-100	0	264.1	99.7,99.7
110	0	0	0	0	0	0	0	0	100-110	0	264.1	99.7,99.7
120	0	0	0	0	0	0	0	0	110-120	0	264.1	99.7,99.7
130	0	0.0001	0	0	0	0	0	0.0072	120-130	0.0001	264.1	99.7,99.7
140	0.1649	0.1629	0.1607	0.1227	0.1655	0.1581	0.1648	0.1936	130-140	0.0481	264.1	99.7,99.7
150	0.3868	0.3893	0.3871	0.3492	0.3919	0.3894	0.3915	0.4201	140-150	0.1699	264.3	99.8,99.8
160	0.6132	0.6158	0.6090	0.5687	0.6138	0.6112	0.6227	0.6536	150-160	0.2251	264.5	99.9,99.9
170	0.8209	0.8281	0.8401	0.8046	0.8449	0.8353	0.8210	0.8377	160-170	0.2044	264.7	100,100
180	0.8872	0.8872	0.8825	0.8848	0.8919	0.8896	0.8825	0.8872	170-180	0.0818	264.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

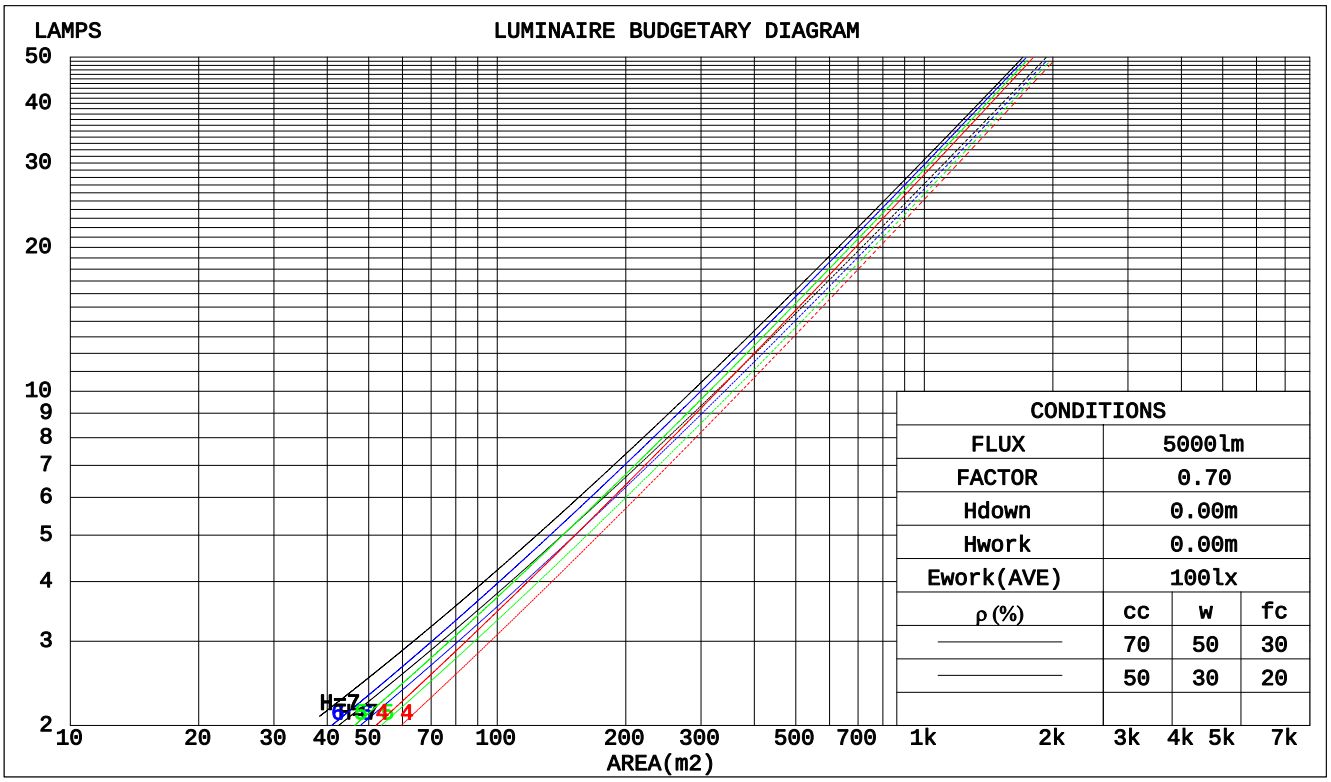
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

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: pendant-glory-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	1.19	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.82
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.86	.82	.80	.84	.81	.79	.77
5.0	.86	.80	.76	.85	.80	.76	.83	.79	.75	.81	.77	.74	.80	.76	.74	.72
6.0	.81	.75	.71	.80	.75	.71	.78	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.64
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.60
9.0	.68	.62	.59	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.57
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.58	.55	.53



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: pendant-glory-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	.170	.097	.031	.164	.093	.030	.151	.087	.028	.139	.080	.026	.128	.074	.024	
2.0	.163	.089	.027	.157	.086	.027	.146	.081	.025	.136	.077	.024	.127	.072	.023	
3.0	.155	.082	.025	.150	.080	.024	.141	.076	.023	.133	.073	.022	.125	.069	.021	
4.0	.148	.077	.023	.144	.075	.022	.136	.072	.022	.129	.069	.021	.122	.066	.020	
5.0	.141	.072	.021	.138	.071	.021	.131	.068	.020	.125	.066	.020	.119	.063	.019	
6.0	.135	.068	.019	.132	.067	.019	.126	.065	.019	.120	.063	.018	.115	.061	.018	
7.0	.130	.064	.018	.127	.063	.018	.122	.061	.018	.117	.060	.017	.112	.058	.017	
8.0	.124	.061	.017	.122	.060	.017	.117	.059	.017	.113	.057	.016	.109	.056	.016	
9.0	.120	.058	.016	.117	.057	.016	.113	.056	.016	.109	.055	.016	.105	.053	.015	
10.0	.115	.055	.015	.113	.055	.015	.109	.053	.015	.106	.052	.015	.102	.051	.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	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.173	.159	.148	.148	.137	.127	.101	.094	.088	.058	.054	.051	.019	.018	.017	
2.0	.157	.135	.116	.135	.116	.100	.092	.080	.070	.053	.047	.041	.017	.015	.013	
3.0	.144	.116	.093	.124	.100	.080	.085	.069	.056	.049	.040	.033	.016	.013	.011	
4.0	.134	.101	.076	.115	.087	.066	.079	.061	.046	.046	.036	.027	.015	.012	.009	
5.0	.125	.089	.063	.108	.077	.054	.074	.054	.038	.043	.032	.023	.014	.010	.008	
6.0	.118	.080	.053	.101	.069	.046	.070	.048	.032	.041	.028	.019	.013	.009	.006	
7.0	.111	.072	.045	.096	.063	.039	.066	.044	.028	.038	.026	.016	.012	.008	.005	
8.0	.106	.066	.039	.091	.057	.034	.063	.040	.024	.037	.024	.014	.012	.008	.005	
9.0	.101	.061	.034	.087	.053	.029	.060	.037	.021	.035	.022	.012	.011	.007	.004	
10.0	.096	.056	.030	.083	.049	.026	.058	.035	.019	.034	.020	.011	.011	.007	.004	

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: pendant-glory-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	3.3	4.2	3.5	4.4	4.5	4.8	5.7	5.1	5.9	6.1
	3H	3.1	3.9	3.4	4.1	4.4	4.7	5.5	4.9	5.7	5.9
	4H	3.0	3.8	3.3	4.0	4.3	4.6	5.4	4.9	5.6	5.8
	6H	2.9	3.7	3.2	3.9	4.2	4.5	5.2	4.8	5.5	5.7
	8H	2.9	3.6	3.2	3.9	4.1	4.4	5.1	4.8	5.4	5.7
	12H	2.8	3.5	3.2	3.8	4.1	4.4	5.1	4.7	5.3	5.6
4H	2H	3.0	3.8	3.3	4.0	4.3	4.6	5.4	4.9	5.6	5.8
	3H	2.8	3.5	3.2	3.8	4.1	4.4	5.1	4.7	5.3	5.6
	4H	2.7	3.4	3.1	3.7	4.0	4.3	4.9	4.7	5.2	5.5
	6H	2.7	3.2	3.0	3.5	3.9	4.2	4.7	4.6	5.1	5.4
	8H	2.6	3.1	3.0	3.5	3.8	4.2	4.7	4.6	5.0	5.4
	12H	2.5	3.0	3.0	3.4	3.8	4.1	4.6	4.5	4.9	5.3
8H	4H	2.6	3.1	3.0	3.5	3.8	4.2	4.7	4.6	5.0	5.4
	6H	2.5	2.9	2.9	3.3	3.7	4.0	4.5	4.5	4.9	5.3
	8H	2.4	2.8	2.9	3.2	3.7	4.0	4.4	4.4	4.8	5.2
	12H	2.4	2.7	2.9	3.1	3.6	3.9	4.2	4.4	4.7	5.2
12H	4H	2.5	3.0	3.0	3.4	3.8	4.1	4.6	4.5	4.9	5.3
	6H	2.4	2.8	2.9	3.2	3.7	4.0	4.4	4.4	4.8	5.2
	8H	2.4	2.7	2.9	3.1	3.6	3.9	4.2	4.4	4.7	5.2
Variations with the observer position at spacings:											
S = 1.0H		+ 5.2 / -52.0					+ 5.7 / -49.3				
1.5H		+ 8.0 / -34.9					+ 8.5 / -31.7				
2.0H		+ 7.5 / - 1.$					+ 8.6 / - 1.$				

CIE Pub.117 Corrected 264.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.6)

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: pendant-glory-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

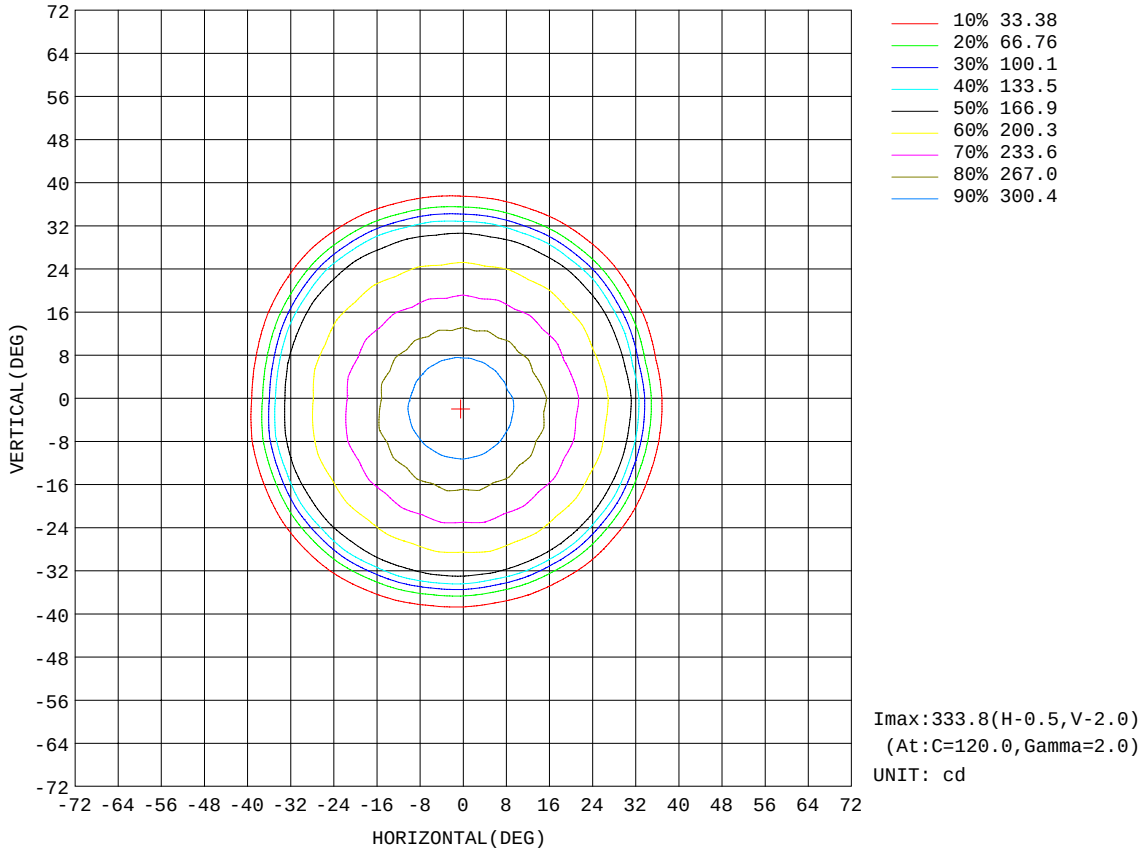
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	91	85	82	90	85	82	90	85	82	78
0.80	98	93	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	93	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	96
3.00	113	110	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	113	112	110	110	108	107	100
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: pendant-glory-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:



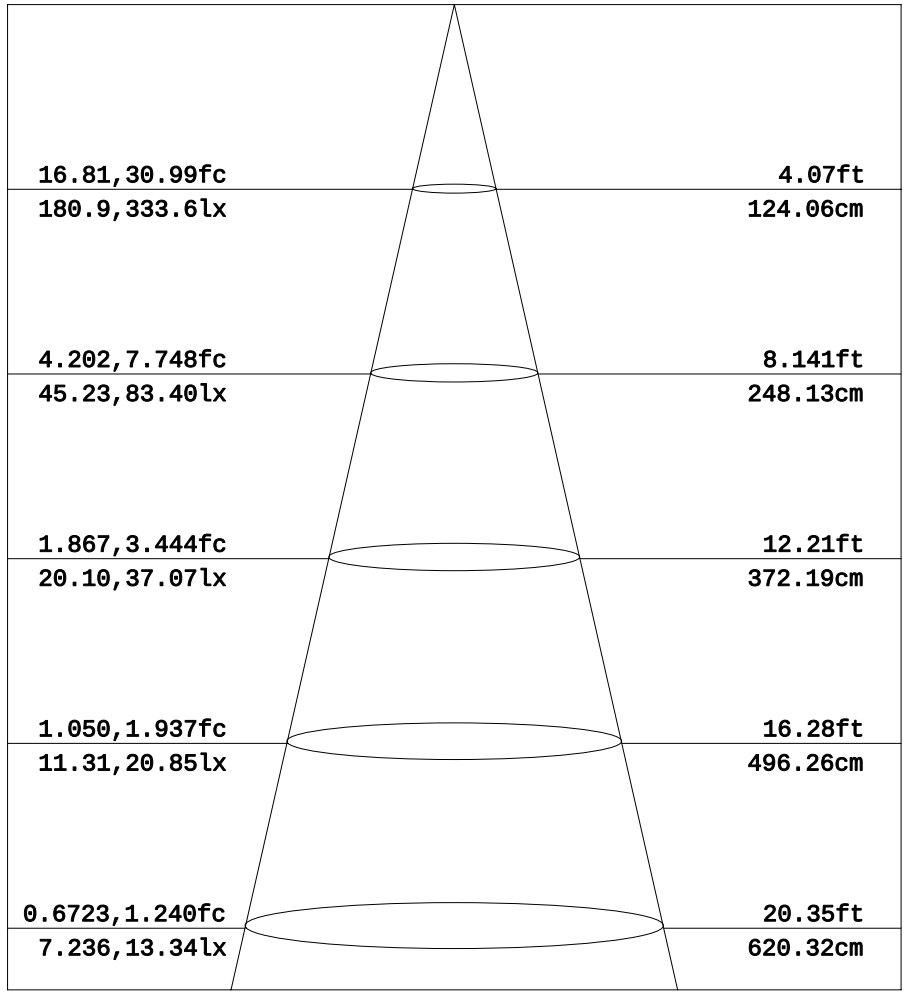
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-11

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: pendant-glory-3000k-Ra90	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Flux out:221.9 lm



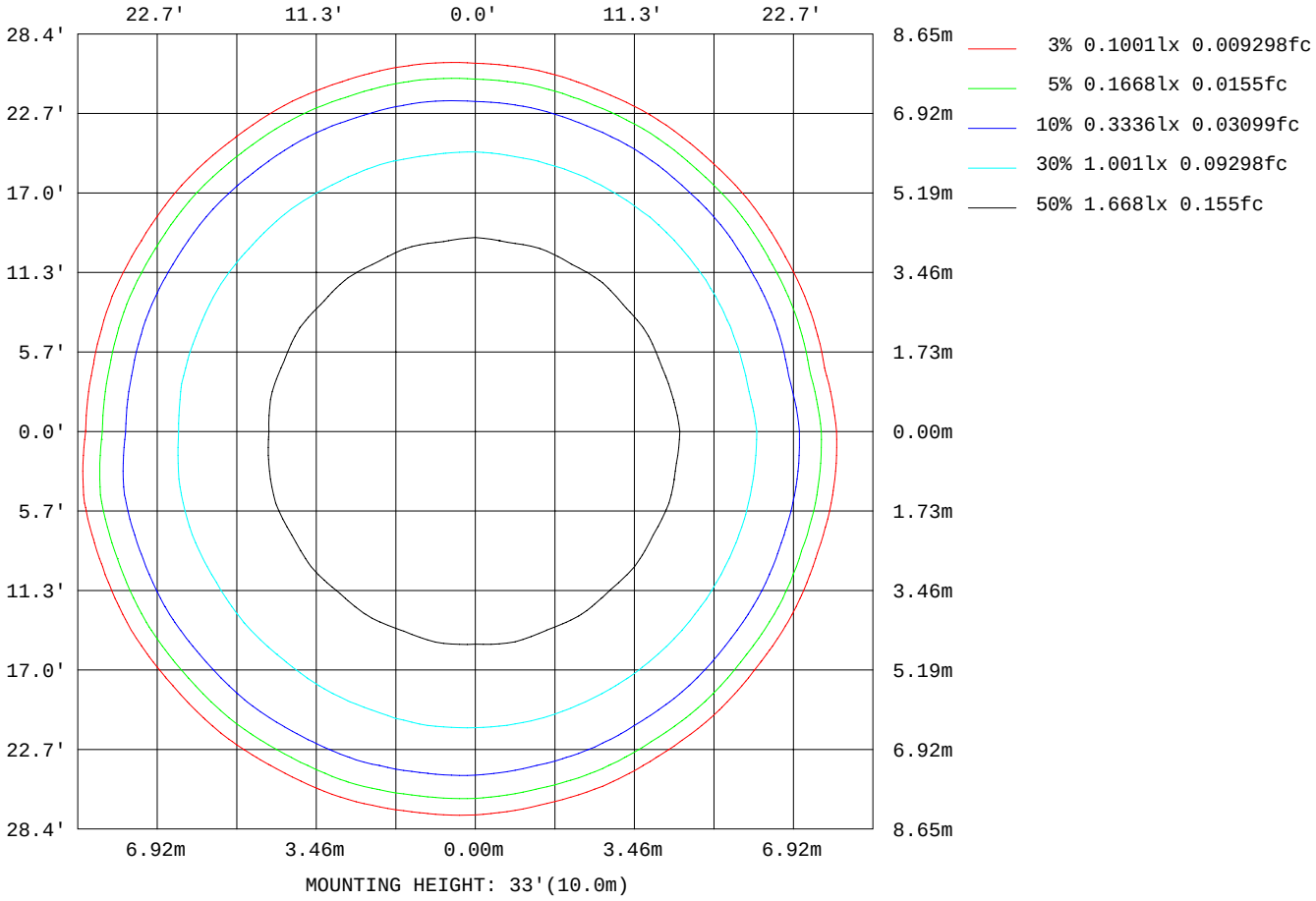
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: pendant-glory-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: pendant-glory-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	264.813	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	1	1	1	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	1
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	2	200	---	500
Category 2	65 to 90	0	200	---	500
Category 3	75 to 90	0	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: pendant-glory-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	264.813	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	1	1	1	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	1
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	2	1000	1500	200	500
65 to 90	0	1000	1500	200	500

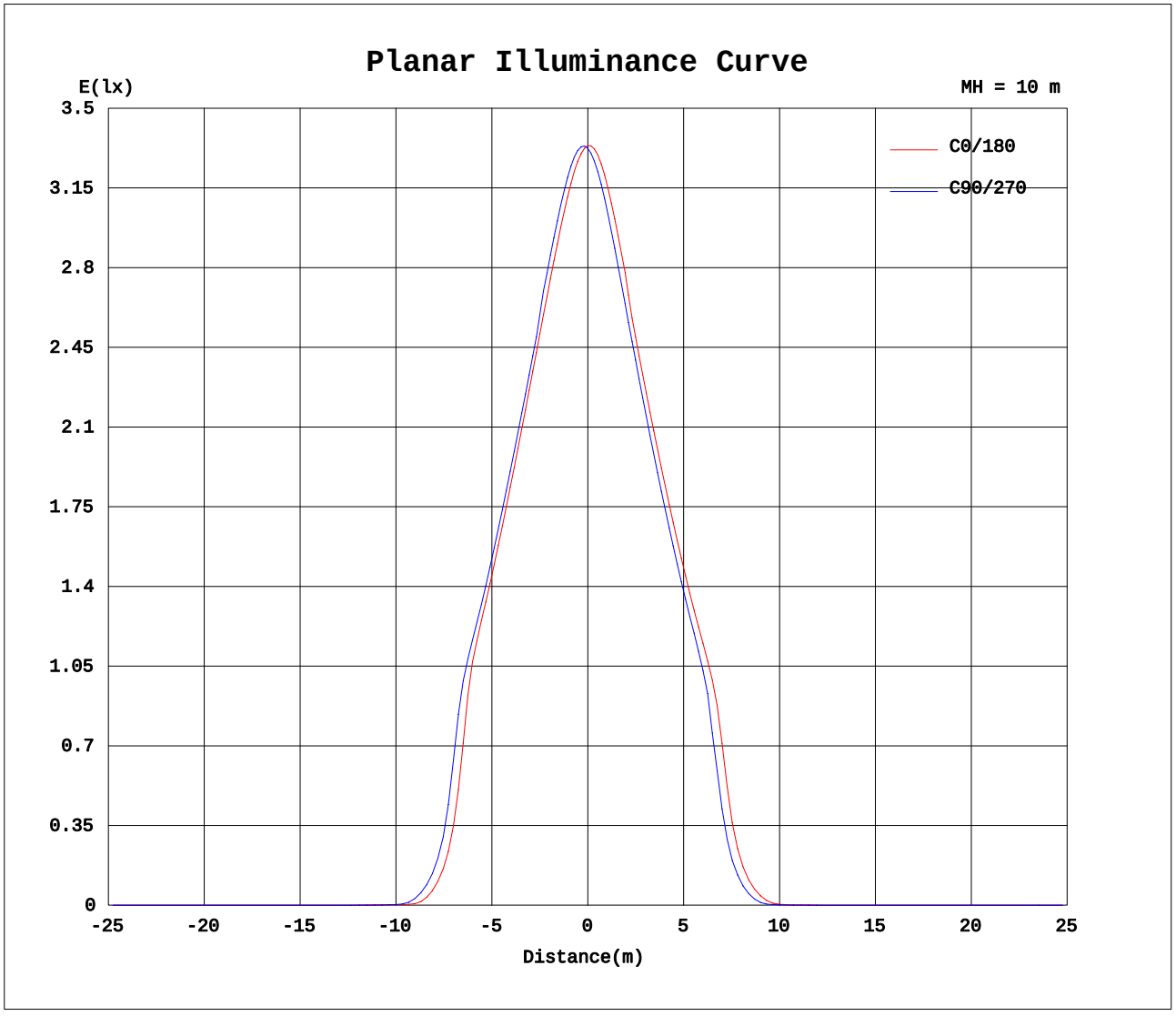
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

The luminaire satisifies the specified luminance criteria for
Negative Software with Type I & II Screen(Good to Moderate treatment).

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: pendant-glory-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	334	333	333	333	333	333	333	333	333	332	333	332	332	332	332	332	332	332	334
5	321	322	322	324	324	325	326	327	328	328	328	329	329	329	328	328	327	326	324
10	296	298	299	300	301	303	304	306	306	307	307	307	307	307	306	305	304	303	299
15	270	268	272	270	275	273	277	276	280	277	280	277	279	275	278	274	276	271	268
20	242	240	244	243	247	246	250	249	253	250	253	250	252	248	250	247	249	245	241
25	212	211	215	214	218	217	221	220	224	222	224	221	223	220	222	220	222	219	215
30	179	179	182	181	185	185	189	189	193	192	193	191	192	190	192	191	193	191	188
35	63.6	66.6	67.1	72.5	74.8	82.9	87.2	97.8	104	116	121	130	130	139	136	145	139	145	129
40	8.02	8.66	8.78	10.0	10.6	12.5	13.6	16.0	17.4	20.3	21.9	24.9	26.1	28.8	29.3	31.2	30.6	31.1	24.9
45	0.64	0.65	0.70	0.71	0.76	0.80	0.86	0.91	0.99	1.08	1.16	1.31	1.38	1.53	1.58	1.73	1.70	1.75	1.31
50	0.23	0.19	0.24	0.20	0.26	0.22	0.28	0.24	0.30	0.27	0.32	0.28	0.33	0.29	0.34	0.30	0.34	0.29	0.24
55	0.08	0.03	0.08	0.03	0.09	0.04	0.09	0.05	0.10	0.06	0.10	0.06	0.11	0.06	0.11	0.06	0.09	0.07	0.05
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.06	0.09	0.05	0.09	0.04	0.08	0.03	0.06	0.01	0.06	0.01	0.05	0.00	0.05	0.00	0.04	0.00	0.04	0.06
140	0.16	0.21	0.16	0.20	0.14	0.18	0.13	0.17	0.12	0.16	0.11	0.15	0.11	0.15	0.10	0.14	0.10	0.15	0.17
145	0.28	0.32	0.27	0.30	0.26	0.30	0.25	0.28	0.24	0.27	0.22	0.27	0.22	0.26	0.21	0.26	0.21	0.26	0.28
150	0.39	0.42	0.39	0.42	0.37	0.41	0.35	0.40	0.35	0.39	0.33	0.38	0.33	0.37	0.33	0.38	0.33	0.38	0.39
155	0.49	0.53	0.48	0.52	0.46	0.51	0.45	0.50	0.45	0.49	0.44	0.48	0.43	0.48	0.43	0.48	0.43	0.48	0.49
160	0.61	0.66	0.60	0.65	0.59	0.64	0.58	0.62	0.57	0.61	0.56	0.60	0.55	0.59	0.55	0.60	0.55	0.59	0.61
165	0.74	0.78	0.73	0.77	0.72	0.76	0.71	0.75	0.70	0.74	0.69	0.73	0.68	0.72	0.68	0.73	0.68	0.73	0.75
170	0.82	0.86	0.81	0.85	0.81	0.85	0.79	0.84	0.79	0.84	0.79	0.83	0.78	0.83	0.78	0.84	0.79	0.84	0.84
175	0.87	0.89	0.86	0.88	0.86	0.88	0.85	0.88	0.84	0.88	0.85	0.89	0.85	0.88	0.85	0.89	0.85	0.90	0.89
180	0.89	0.89	0.88	0.89	0.89	0.89	0.89	0.89	0.88	0.88	0.88	0.89	0.88	0.88	0.89	0.89	0.89	0.89	0.89

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: pendant-glory-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	333	333	333	333	333	333	333	333	332	333	332	332	332	332	332	332	332		
5	323	322	320	319	317	317	315	315	314	314	314	314	314	315	315	316	317		
10	297	296	293	292	290	287	287	285	285	284	286	285	287	287	289	291	292		
15	269	264	265	260	261	257	258	254	256	254	257	255	259	258	262	260	265		
20	242	238	239	234	234	230	231	227	229	226	230	228	232	230	234	233	237		
25	216	213	213	208	208	204	204	200	201	199	202	200	203	202	205	204	207		
30	190	186	187	182	181	176	176	172	172	169	171	169	170	169	171	171	173		
35	124	125	117	113	104	99.0	89.9	85.2	77.0	73.2	66.4	63.8	58.7	57.7	54.3	54.6	52.8		
40	23.3	23.2	21.1	20.2	17.7	16.7	14.5	13.4	11.4	10.5	8.89	8.30	7.03	6.83	5.95	6.02	5.56		
45	1.22	1.19	1.07	1.01	0.91	0.84	0.77	0.70	0.67	0.60	0.59	0.53	0.54	0.50	0.53	0.51	0.55		
50	0.28	0.23	0.26	0.20	0.23	0.17	0.22	0.16	0.19	0.14	0.18	0.13	0.17	0.12	0.17	0.14	0.18		
55	0.09	0.04	0.09	0.02	0.07	0.02	0.06	0.01	0.06	0.00	0.05	0.00	0.04	0.00	0.05	0.00	0.06		
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
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		
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		
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		
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		
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		
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.01	0.00	0.02	0.00		
135	0.01	0.07	0.02	0.07	0.03	0.08	0.04	0.09	0.05	0.10	0.06	0.11	0.06	0.10	0.07	0.11	0.07		
140	0.12	0.17	0.13	0.18	0.14	0.18	0.14	0.20	0.16	0.21	0.16	0.21	0.17	0.22	0.18	0.23	0.17		
145	0.24	0.28	0.25	0.29	0.25	0.30	0.26	0.32	0.28	0.33	0.29	0.33	0.29	0.34	0.29	0.33	0.29		
150	0.35	0.40	0.36	0.41	0.37	0.42	0.38	0.43	0.39	0.44	0.39	0.44	0.40	0.44	0.40	0.44	0.40		
155	0.45	0.51	0.46	0.51	0.48	0.52	0.48	0.54	0.49	0.54	0.50	0.54	0.50	0.54	0.50	0.55	0.50		
160	0.58	0.62	0.58	0.63	0.59	0.65	0.61	0.65	0.62	0.67	0.62	0.67	0.63	0.68	0.63	0.67	0.62		
165	0.70	0.75	0.71	0.76	0.72	0.77	0.73	0.78	0.74	0.79	0.75	0.79	0.75	0.79	0.75	0.79	0.75		
170	0.81	0.85	0.80	0.86	0.81	0.86	0.81	0.86	0.82	0.86	0.82	0.86	0.82	0.86	0.82	0.86	0.81		
175	0.86	0.88	0.86	0.90	0.86	0.88	0.86	0.88	0.86	0.88	0.86	0.88	0.86	0.88	0.86	0.89	0.86		
180	0.89	0.89	0.89	0.90	0.88	0.89	0.88	0.89	0.88	0.89	0.88	0.88	0.89	0.89	0.89	0.89	0.90		

C Range: 0 - 360DEG
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