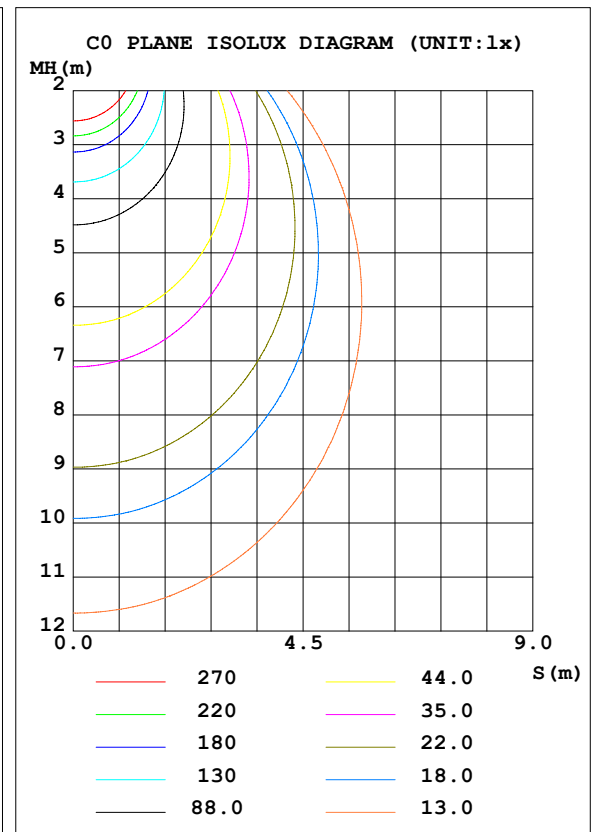
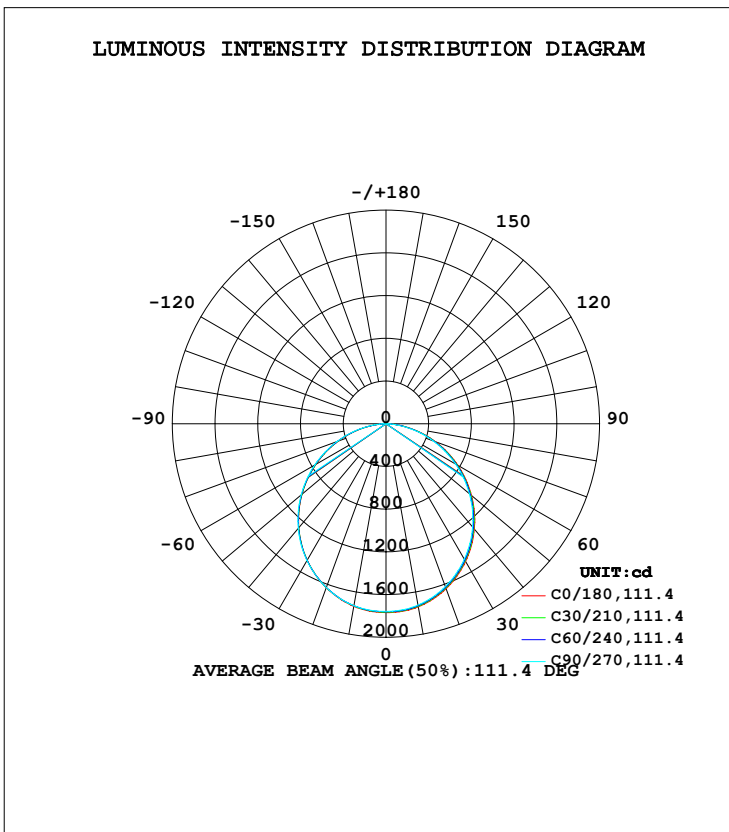


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	HV3550W	Imax (cd)	1769	S/MH (C0/180)	1.24
NOMINAL POWER (W)	50	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	5009.0	η UP, DN (C0-180)	0.3, 49.4
NOMINAL FLUX (lm)	5008.98	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.3, 50.1
LAMPS INSIDE	1	η up (%)	0.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220.0	η down (%)	99.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng
 Test Date: 2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P: 53.6266W
 PF: 0.957802

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

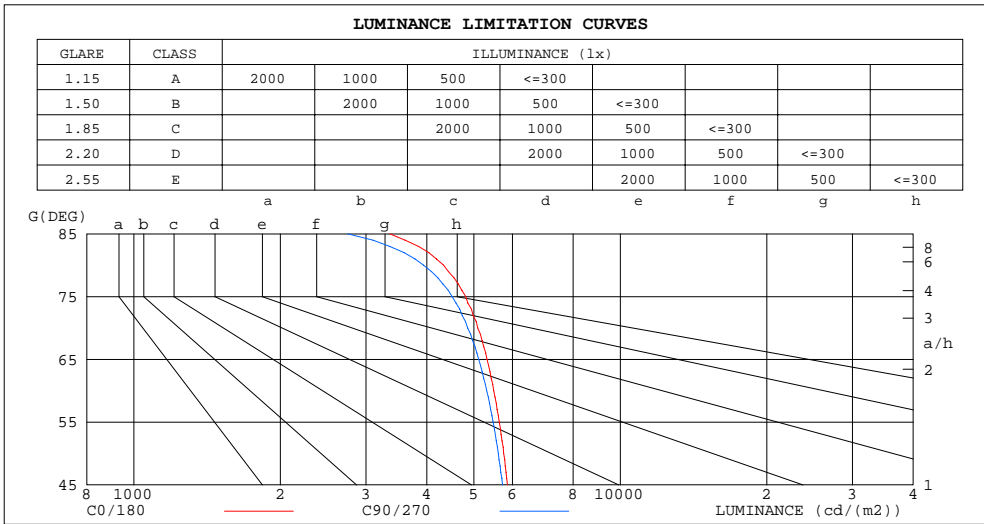
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	1741	1733	1724	1719	1736	1731	1730	1730	0- 10	166.6	166.6	3.33,3.33
20	1645	1635	1624	1615	1635	1631	1633	1637	10- 20	476.0	642.6	12.8,12.8
30	1489	1481	1465	1456	1477	1473	1480	1486	20- 30	718.4	1361	27.2,27.2
40	1288	1278	1262	1250	1271	1268	1278	1285	30- 40	862.4	2223	44.4,44.4
50	1046	1037	1020	1008	1027	1026	1038	1047	40- 50	890.7	3114	62.2,62.2
60	775.8	768.1	750.4	738.4	756.8	757.5	769.3	780.7	50- 60	802.8	3917	78.2,78.2
70	492.1	486.3	469.1	458.0	474.6	475.7	488.5	499.0	60- 70	615.0	4532	90.5,90.5
80	212.7	208.2	193.4	184.2	196.7	198.4	210.7	220.0	70- 80	359.2	4891	97.6,97.6
90	3.986	2.691	1.499	1.424	1.343	1.443	4.209	7.631	80- 90	92.19	4983	99.5,99.5
100	2.038	2.032	2.079	2.155	2.251	2.198	2.162	2.069	90-100	1.971	4985	99.5,99.5
110	2.922	2.917	2.997	3.067	3.242	3.246	3.190	3.048	100-110	2.721	4988	99.6,99.6
120	3.905	3.921	3.984	4.047	4.307	4.244	4.208	4.093	110-120	3.552	4992	99.7,99.7
130	4.769	4.747	4.841	4.867	5.106	5.046	5.048	4.903	120-130	4.039	4996	99.7,99.7
140	5.466	5.427	5.517	5.522	5.741	5.664	5.683	5.538	130-140	4.059	5000	99.8,99.8
150	6.044	6.011	6.067	6.106	6.297	6.180	6.195	6.095	140-150	3.659	5003	99.9,99.9
160	6.702	6.738	6.750	6.810	6.864	6.843	6.779	6.747	150-160	2.968	5006	99.9,99.9
170	7.423	7.438	7.433	7.400	7.493	7.495	7.393	7.399	160-170	2.009	5008	100,100
180	7.758	7.741	7.714	7.700	7.772	7.731	7.714	7.693	170-180	0.7220	5009	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng
 Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P:53.6266W
 PF: 0.957802

LUMINANCE LIMITATION CURVES

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3359	2752
80	4334	3940
75	4808	4509
70	5092	4854
65	5320	5114
60	5491	5311
55	5635	5474
50	5756	5612
45	5861	5725

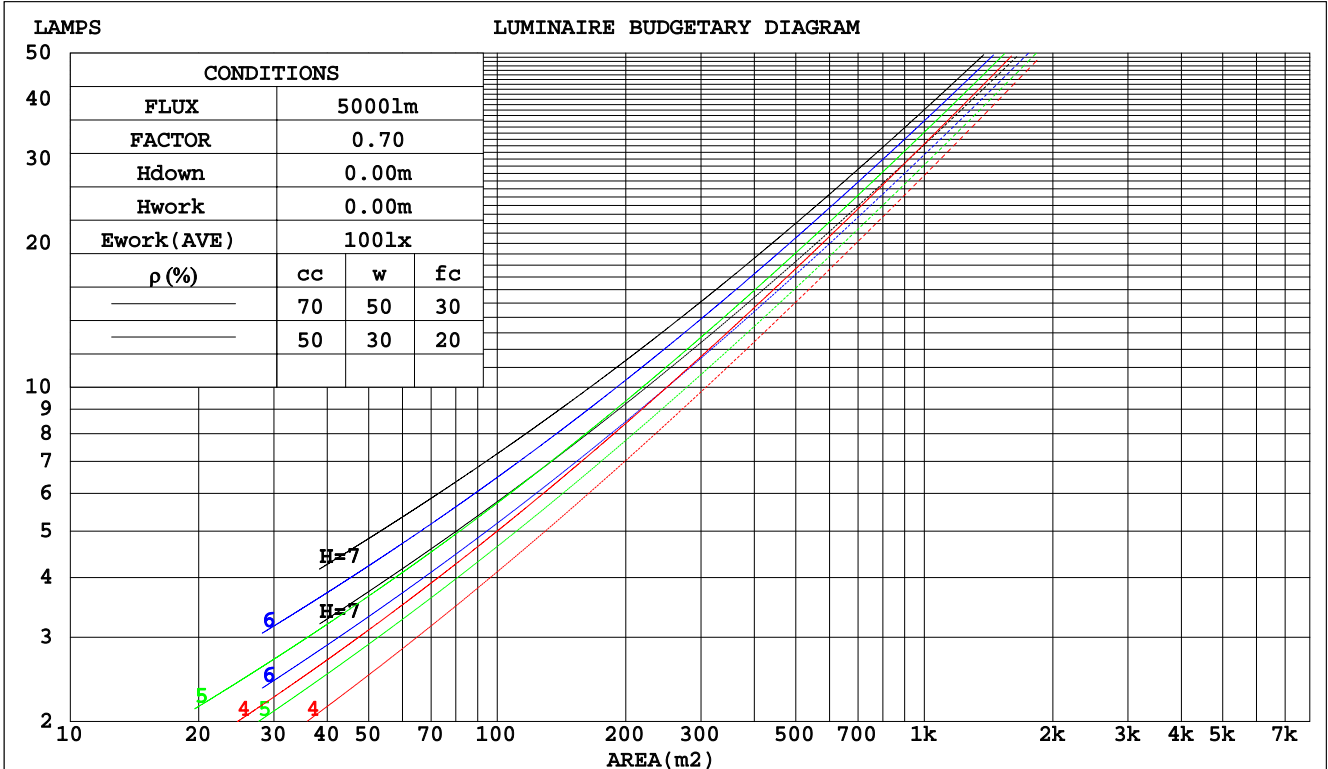
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng
 Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P:53.6266W
 PF: 0.957802

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
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	.99
1.0	1.04	.99	.96	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.29
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.26
10.0	.39	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng
 Test Date: 2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P: 53.6266W
 PF: 0.957802

WEC AND CCEC

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.310	.176	.056	.303	.173	.055	.289	.166	.053	.277	.160	.051	.265	.154	.050	
2.0	.292	.160	.049	.286	.157	.048	.274	.152	.047	.263	.147	.046	.252	.143	.045	
3.0	.270	.144	.043	.264	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040	
4.0	.249	.129	.038	.244	.128	.038	.235	.125	.037	.226	.121	.037	.218	.118	.036	
5.0	.230	.117	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.202	.108	.033	
6.0	.214	.107	.031	.210	.106	.030	.202	.104	.030	.195	.101	.030	.189	.099	.029	
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.182	.093	.027	.176	.092	.027	
8.0	.186	.091	.025	.182	.090	.025	.176	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.152	.075	.021	.147	.074	.021	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.184	.160	.138	.158	.137	.119	.108	.095	.082	.062	.055	.048	.020	.018	.015	
2.0	.176	.136	.102	.151	.117	.088	.103	.081	.061	.060	.047	.036	.019	.015	.012	
3.0	.168	.118	.078	.144	.102	.068	.099	.071	.048	.057	.041	.028	.018	.013	.009	
4.0	.161	.105	.062	.138	.091	.054	.095	.063	.038	.055	.037	.023	.018	.012	.007	
5.0	.153	.095	.051	.132	.082	.045	.091	.057	.031	.053	.034	.019	.017	.011	.006	
6.0	.146	.086	.043	.126	.075	.038	.087	.052	.027	.050	.031	.016	.016	.010	.005	
7.0	.139	.079	.037	.120	.069	.032	.083	.048	.023	.048	.028	.014	.016	.009	.005	
8.0	.133	.074	.033	.114	.064	.029	.079	.045	.020	.046	.026	.012	.015	.009	.004	
9.0	.127	.069	.029	.109	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
10.0	.121	.064	.026	.104	.056	.023	.072	.039	.016	.042	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng
 Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P:53.6266W
 PF: 0.957802

UGR(Unified Glare Rating) Table

NAME: HV3550W		TYPE:3000K					WEIGHT:				
SPEC.:		DIM.: ϕ 600*100mm					SERIAL No.:				
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	13.3	14.8	13.6	15.0	15.2	13.2	14.7	13.4	14.9	15.1	
3H	14.9	16.3	15.2	16.5	16.7	14.7	16.1	15.0	16.3	16.6	
4H	15.5	16.8	15.8	17.1	17.4	15.3	16.6	15.6	16.9	17.2	
6H	16.0	17.2	16.3	17.5	17.8	15.7	17.0	16.1	17.3	17.5	
8H	16.1	17.3	16.4	17.6	17.9	15.8	17.0	16.2	17.3	17.6	
12H	16.2	17.3	16.5	17.6	18.0	15.9	17.0	16.2	17.4	17.7	
4H 2H	13.9	15.2	14.2	15.5	15.8	13.8	15.1	14.1	15.4	15.7	
3H	15.6	16.8	16.0	17.1	17.4	15.5	16.7	15.9	17.0	17.3	
4H	16.4	17.5	16.8	17.8	18.2	16.2	17.3	16.6	17.6	18.0	
6H	17.0	18.0	17.4	18.3	18.7	16.8	17.7	17.2	18.1	18.5	
8H	17.2	18.1	17.6	18.5	18.9	17.0	17.8	17.4	18.2	18.6	
12H	17.3	18.1	17.8	18.5	18.9	17.0	17.9	17.5	18.3	18.7	
8H 4H	16.7	17.6	17.1	17.9	18.3	16.5	17.4	17.0	17.8	18.2	
6H	17.4	18.2	17.9	18.6	19.0	17.2	18.0	17.7	18.4	18.8	
8H	17.7	18.4	18.2	18.8	19.2	17.5	18.1	17.9	18.6	19.0	
12H	17.9	18.4	18.4	18.9	19.4	17.6	18.2	18.1	18.6	19.1	
12H 4H	16.7	17.5	17.1	17.9	18.3	16.5	17.4	17.0	17.8	18.2	
6H	17.5	18.1	17.9	18.6	19.0	17.3	17.9	17.8	18.4	18.8	
8H	17.8	18.3	18.3	18.8	19.3	17.6	18.1	18.1	18.6	19.1	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 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, 5009 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.6)
Area: 0.2826 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng
Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:7.050m [K=1.0000]
Remarks: U: 220V I: 0.254783A P:53.6266W
PF: 0.957802

UTILIZATION FACTORS TABLE

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

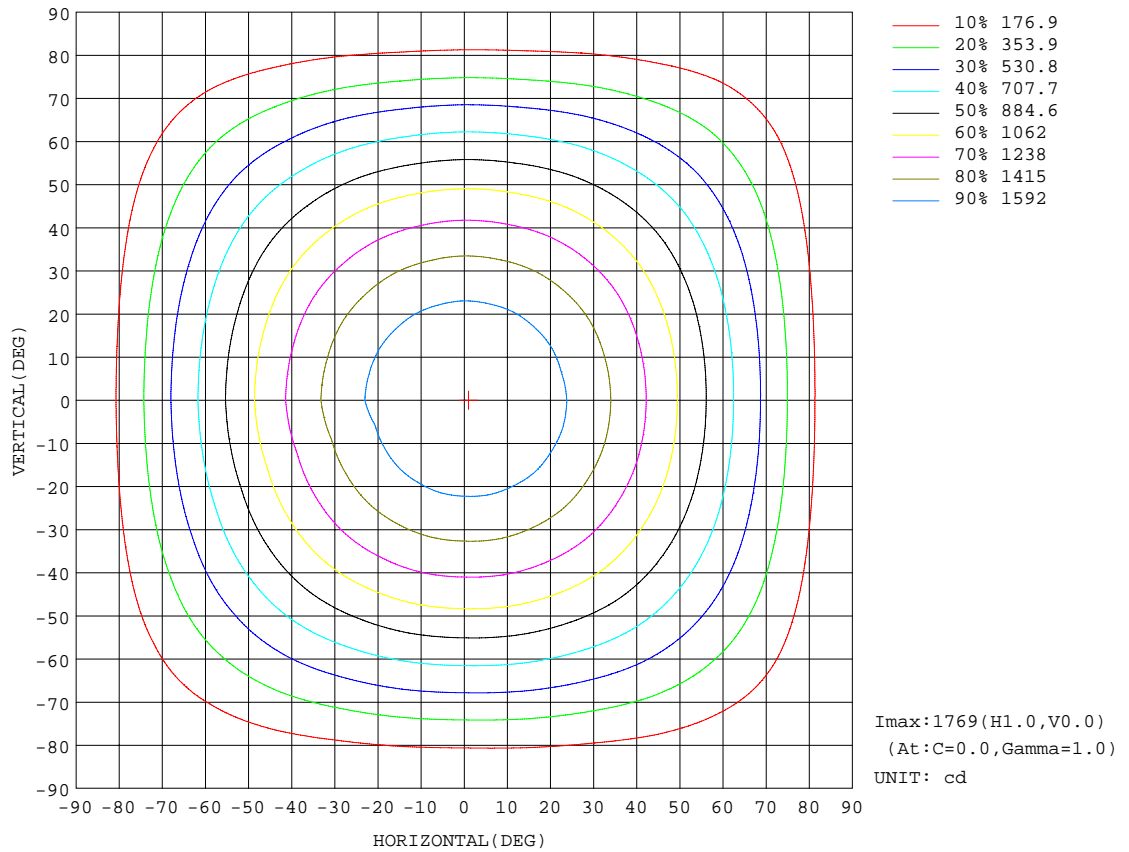
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	67	56	48	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	82
5.00	109	104	100	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:25.3DEG
 Operators:Meng
 Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P:53.6266W
 PF: 0.957802

ISOCANDELA DIAGRAM

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

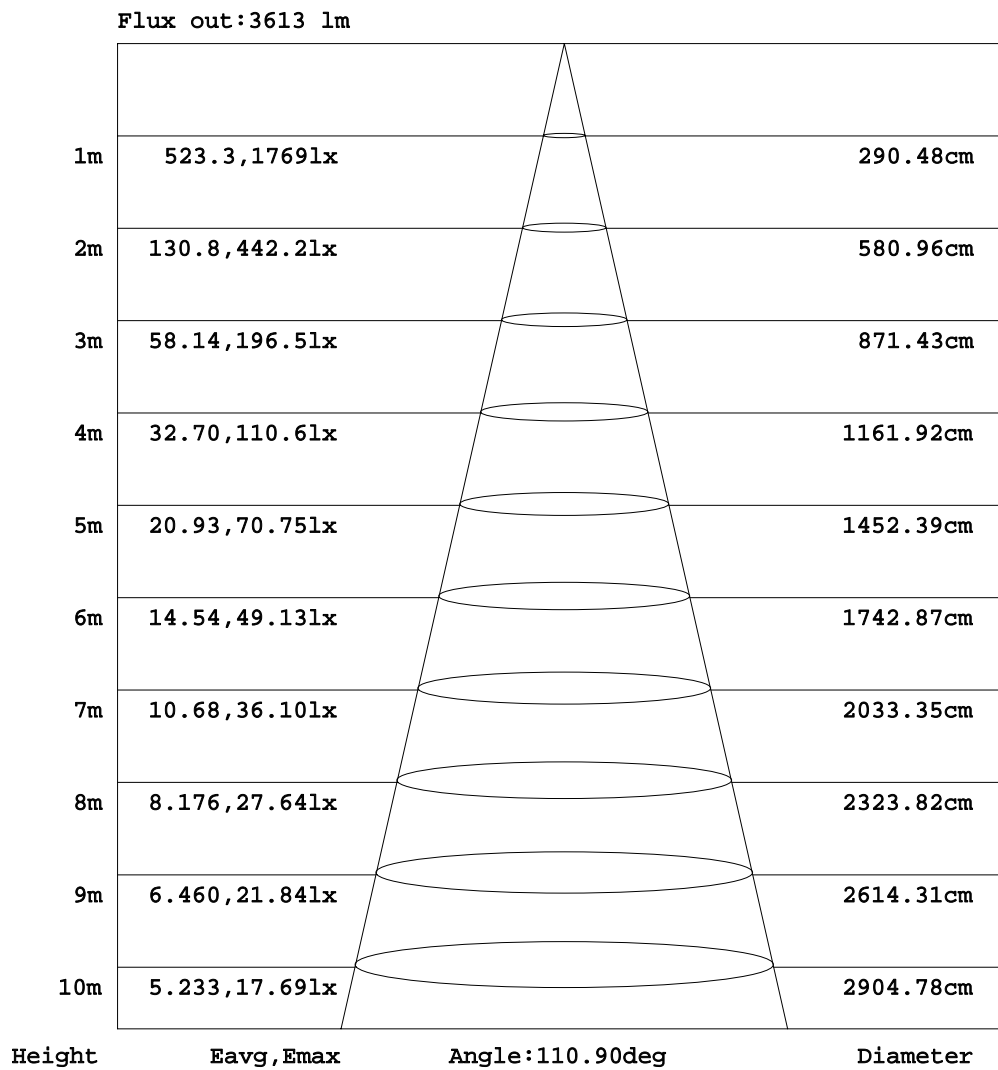


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng
 Test Date: 2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P: 53.6266W
 PF: 0.957802

AAI Figure

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



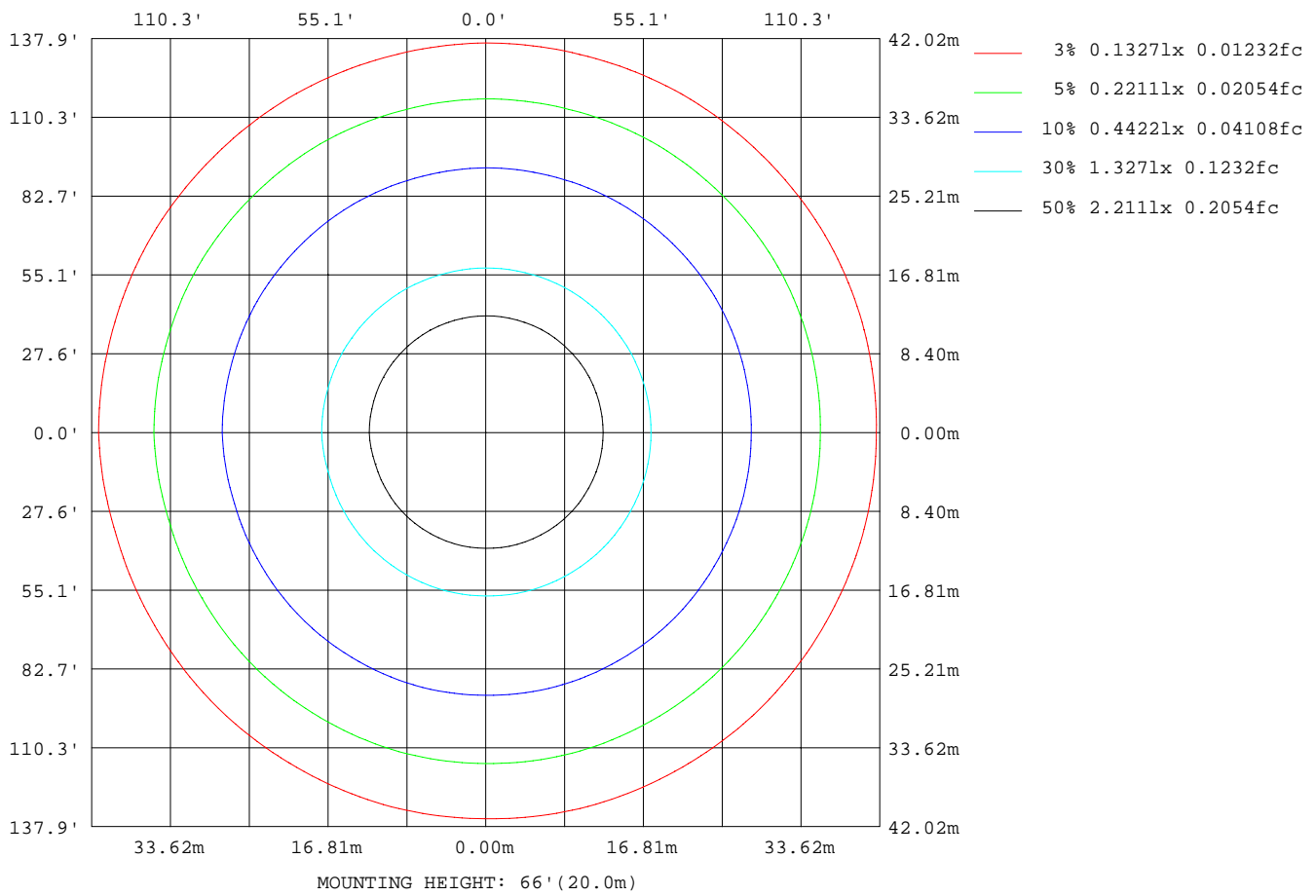
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng
 Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P:53.6266W
 PF: 0.957802

ISOLUX DIAGRAM

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng
 Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P:53.6266W
 PF: 0.957802

LED Avg.L Report

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

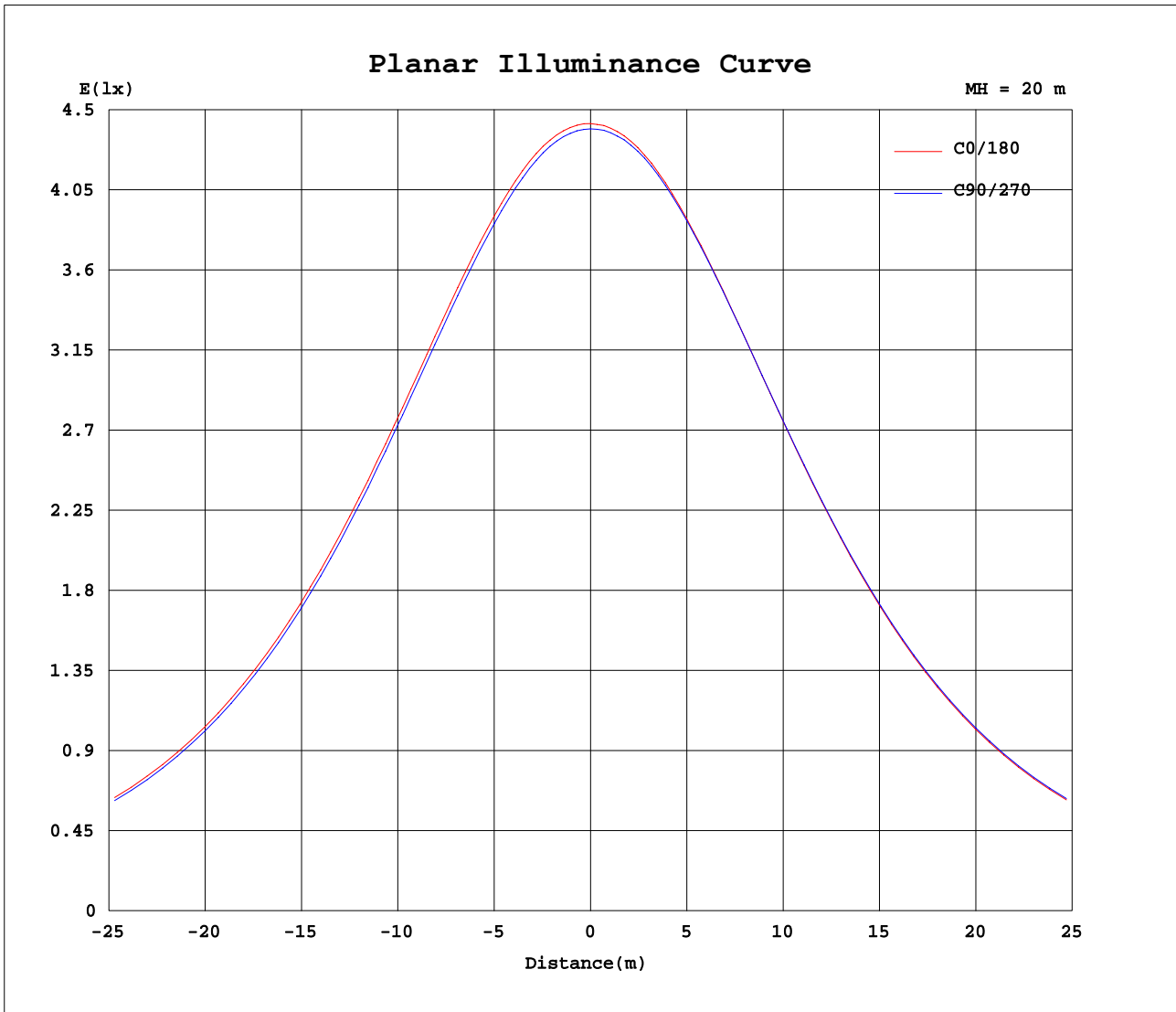
AvgL	cd/m2
L_0~180 (65) av	5242
L_0~180 (75) av	4688
L_0~180 (85) av	3070
L_90~270 (65) av	5197
L_90~270 (75) av	4634
L_90~270 (85) av	3039
L_45 (65) av	5205
L_45 (75) av	4643
L_45 (85) av	3054

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng
 Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P:53.6266W
 PF: 0.957802

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng
 Test Date: 2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P: 53.6266W
 PF: 0.957802

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: ϕ 600*100mm	SERIAL No.:
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	1769	1766	1764	1762	1761	1758	1757	1756	1755	1754	1753	1752	1769	1766	1764	1762	1761	1758	1757
5	1764	1761	1759	1756	1754	1752	1750	1747	1746	1745	1744	1743	1761	1758	1757	1755	1754	1752	1752
10	1741	1739	1735	1733	1730	1727	1724	1723	1720	1719	1717	1716	1736	1734	1732	1731	1730	1729	1730
15	1700	1698	1694	1692	1688	1685	1681	1680	1676	1674	1671	1672	1692	1691	1690	1688	1689	1688	1689
20	1645	1642	1638	1635	1631	1628	1624	1621	1617	1615	1612	1612	1635	1633	1633	1631	1632	1631	1633
25	1574	1572	1566	1565	1559	1557	1551	1549	1544	1542	1538	1539	1562	1560	1561	1558	1561	1560	1563
30	1489	1488	1483	1481	1475	1472	1465	1464	1458	1456	1452	1453	1477	1474	1476	1473	1477	1476	1480
35	1394	1393	1388	1384	1379	1376	1369	1367	1361	1358	1354	1354	1379	1376	1379	1376	1380	1379	1385
40	1288	1286	1280	1278	1272	1269	1262	1259	1252	1250	1246	1247	1271	1268	1271	1268	1273	1272	1278
45	1171	1170	1163	1161	1155	1152	1144	1142	1135	1133	1128	1129	1153	1150	1153	1152	1156	1156	1162
50	1046	1045	1038	1037	1030	1028	1020	1017	1009	1008	1002	1004	1027	1024	1028	1026	1031	1031	1038
55	913	914	907	906	898	896	887	886	877	876	870	872	894	892	896	894	900	899	906
60	776	776	770	768	761	759	750	748	741	738	733	735	757	755	759	757	763	763	769
65	635	635	629	629	621	619	611	609	601	599	594	596	617	615	619	618	624	624	631
70	492	493	487	486	479	477	469	468	460	458	452	455	475	472	478	476	482	482	489
75	352	351	346	345	339	337	330	328	320	319	314	316	334	332	337	336	342	341	348
80	213	213	208	208	202	201	193	193	185	184	179	181	197	195	200	198	204	204	211
85	82.7	82.9	79.1	78.8	73.7	73.2	67.8	67.4	61.3	60.2	55.2	57.2	68.5	67.4	71.6	70.7	75.7	75.9	81.9
90	3.99	4.28	2.56	2.69	1.64	1.43	1.50	1.41	1.47	1.42	1.45	1.43	1.34	1.41	1.38	1.44	1.84	1.83	4.21
95	1.67	1.66	1.68	1.67	1.68	1.69	1.72	1.71	1.74	1.77	1.82	1.77	1.76	1.73	1.73	1.71	1.71	1.73	1.67
100	2.04	2.05	2.05	2.03	2.05	2.06	2.08	2.09	2.12	2.16	2.18	2.16	2.25	2.23	2.19	2.20	2.17	2.18	2.16
105	2.44	2.44	2.44	2.44	2.45	2.47	2.50	2.51	2.55	2.57	2.58	2.58	2.73	2.72	2.69	2.68	2.65	2.65	2.65
110	2.92	2.91	2.93	2.92	2.95	2.95	3.00	3.00	3.05	3.07	3.10	3.07	3.24	3.24	3.20	3.25	3.20	3.17	3.19
115	3.43	3.41	3.43	3.43	3.45	3.46	3.51	3.51	3.56	3.57	3.61	3.61	3.80	3.80	3.80	3.79	3.71	3.72	3.73
120	3.91	3.89	3.91	3.92	3.94	3.95	3.98	3.99	4.04	4.05	4.07	4.09	4.31	4.31	4.28	4.24	4.18	4.23	4.21
125	4.36	4.35	4.36	4.36	4.38	4.40	4.44	4.44	4.48	4.48	4.50	4.52	4.75	4.73	4.67	4.66	4.66	4.66	4.63
130	4.77	4.74	4.76	4.75	4.78	4.80	4.84	4.84	4.87	4.87	4.88	4.89	5.11	5.07	5.04	5.05	5.07	5.07	5.05
135	5.13	5.12	5.12	5.10	5.12	5.15	5.20	5.19	5.23	5.21	5.23	5.26	5.46	5.41	5.39	5.37	5.38	5.38	5.40
140	5.47	5.46	5.43	5.43	5.45	5.47	5.52	5.51	5.53	5.52	5.54	5.57	5.74	5.69	5.66	5.66	5.64	5.64	5.68
145	5.76	5.75	5.72	5.71	5.73	5.76	5.80	5.79	5.81	5.81	5.84	5.83	5.99	5.95	5.93	5.94	5.88	5.91	5.93
150	6.04	6.04	6.02	6.01	6.03	6.06	6.07	6.08	6.10	6.11	6.11	6.11	6.30	6.23	6.21	6.18	6.16	6.19	6.19
155	6.35	6.36	6.34	6.35	6.37	6.37	6.38	6.39	6.43	6.44	6.42	6.41	6.59	6.54	6.52	6.49	6.46	6.46	6.48
160	6.70	6.71	6.73	6.74	6.75	6.74	6.75	6.77	6.81	6.81	6.78	6.77	6.86	6.86	6.86	6.84	6.80	6.77	6.78
165	7.11	7.12	7.12	7.10	7.12	7.14	7.15	7.15	7.15	7.13	7.13	7.14	7.22	7.20	7.19	7.17	7.14	7.13	7.11
170	7.42	7.42	7.43	7.44	7.42	7.43	7.43	7.44	7.42	7.40	7.40	7.43	7.49	7.50	7.51	7.49	7.45	7.41	7.39
175	7.63	7.63	7.61	7.61	7.62	7.62	7.63	7.61	7.58	7.58	7.62	7.63	7.71	7.70	7.70	7.69	7.68	7.65	7.60
180	7.76	7.75	7.74	7.74	7.73	7.73	7.71	7.68	7.67	7.70	7.70	7.71	7.77	7.74	7.75	7.73	7.74	7.72	7.71

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng
 Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:7.050m [K=1.0000]
 Remarks: U: 220V I: 0.254783A P:53.6266W
 PF: 0.957802

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: HV3550W	TYPE:3000K	WEIGHT:
SPEC.:	DIM.: φ600*100mm	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1756	1755	1754	1753	1752														
5	1751	1751	1750	1750	1749														
10	1729	1730	1730	1730	1729														
15	1689	1691	1691	1692	1691														
20	1634	1636	1637	1638	1637														
25	1563	1567	1568	1571	1569														
30	1480	1485	1486	1490	1487														
35	1384	1390	1391	1395	1393														
40	1278	1285	1285	1290	1288														
45	1162	1169	1171	1176	1174														
50	1038	1045	1047	1052	1050														
55	907	915	917	922	920														
60	771	778	781	786	784														
65	631	640	641	648	645														
70	489	497	499	505	503														
75	349	357	358	365	362														
80	211	220	220	227	223														
85	83.9	89.1	91.1	94.7	93.4														
90	4.22	7.36	7.63	9.92	8.68														
95	1.66	1.63	1.63	1.60	1.62														
100	2.12	2.08	2.07	2.06	2.09														
105	2.61	2.56	2.55	2.52	2.54														
110	3.14	3.06	3.05	3.03	3.05														
115	3.66	3.59	3.57	3.55	3.56														
120	4.14	4.08	4.09	4.04	4.04														
125	4.58	4.54	4.53	4.50	4.50														
130	4.97	4.92	4.90	4.89	4.90														
135	5.33	5.26	5.24	5.25	5.25														
140	5.61	5.56	5.54	5.55	5.57														
145	5.88	5.83	5.81	5.82	5.84														
150	6.17	6.10	6.09	6.11	6.12														
155	6.47	6.42	6.40	6.42	6.42														
160	6.79	6.76	6.75	6.73	6.73														
165	7.13	7.11	7.09	7.08	7.09														
170	7.42	7.42	7.40	7.39	7.40														
175	7.58	7.60	7.60	7.61	7.61														
180	7.67	7.67	7.69	7.70	7.72														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng
 Test Date:2020-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.407.13
 Humidity:65.0%
 Test Distance:7.050m [K=1.0000]
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