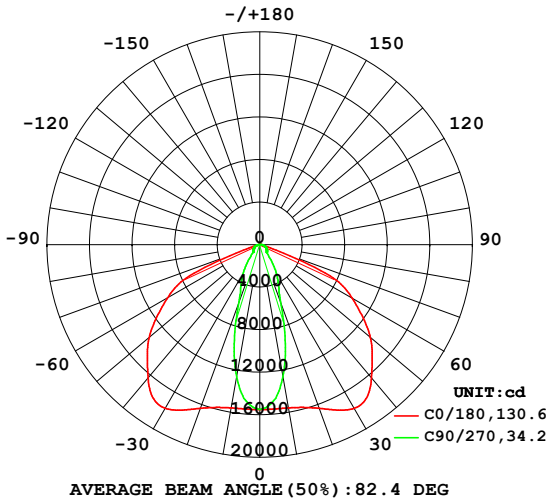
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.9V I:0.8036A P:178.5W PF:0.9663 Lamp Flux:21451.8x1 lm		
NAME: LHB01-180	TYPE:180W	WEIGHT:
SPEC.:4000K Ra80 40130DEG L02804	DIM.: 0.718*0.275*0.102	SERIAL No.:
MFR.:	SUR.:0.255*0.69	Shielding Angle:

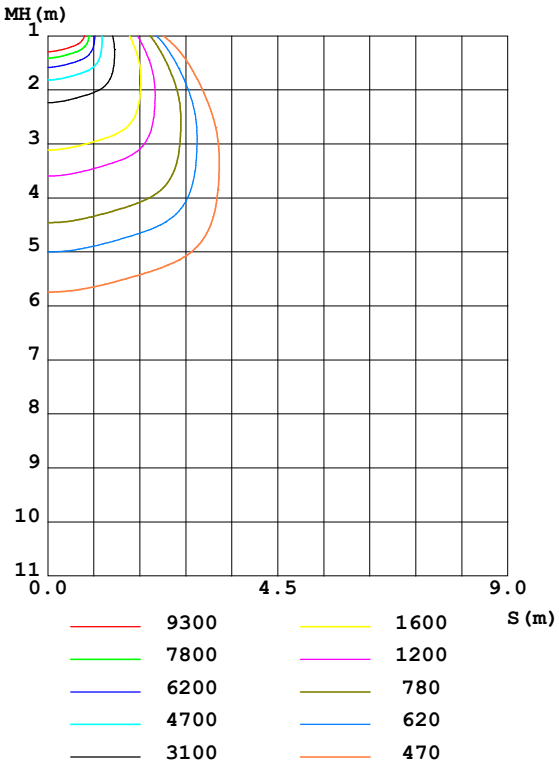
DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.16 lm/W			
MODEL	LHB01-180	Imax(cd)	17819	S/MH(C0/180)	1.63
NOMINAL POWER(W)	180	LOR(%)	100.0	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	21452	η UP,DN(C0-180)	0.0,49.8
NOMINAL FLUX(lm)	21451.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):82.4 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [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
5	1552	1508	1477	1508	1552	1512	1477	1512	0- 5	365.5	365.5	1.7,1.7
10	1559	1400	1262	1400	1559	1412	1262	1412	5- 10	1044	1410	6.57,6.57
15	1585	1217	928.3	1217	1585	1231	928.3	1231	10- 15	1568	2978	13.9,13.9
20	1638	978.3	576.0	978.3	1638	986.0	576.0	986.0	15- 20	1875	4854	22.6,22.6
25	1716	718.4	422.8	718.4	1716	714.0	422.8	714.0	20- 25	2018	6872	32,32
30	1777	521.6	314.6	521.6	1777	511.0	314.6	511.0	25- 30	2127	8999	41.9,41.9
35	1755	435.7	206.3	435.7	1755	426.3	206.3	426.3	30- 35	2156	11155	52,52
40	1635	336.8	97.99	336.8	1635	329.8	97.99	329.8	35- 40	2037	13191	61.5,61.5
45	1495	222.7	90.97	222.7	1495	218.0	90.97	218.0	40- 45	1819	15010	70,70
50	1358	98.28	83.52	98.28	1358	93.55	83.52	93.55	45- 50	1627	16637	77.6,77.6
55	1179	78.74	76.01	78.74	1179	75.71	76.01	75.71	50- 55	1428	18065	84.2,84.2
60	1001	66.89	68.51	66.89	1001	64.40	68.51	64.40	55- 60	1206	19270	89.8,89.8
65	796.0	54.64	60.55	54.64	796.0	52.89	60.55	52.89	60- 65	983.7	20254	94.4,94.4
70	241.9	40.86	49.00	40.86	241.9	40.27	49.00	40.27	65- 70	658.7	20913	97.5,97.5
75	40.44	29.41	37.00	29.41	40.44	29.33	37.00	29.33	70- 75	280.4	21193	98.8,98.8
80	16.35	19.88	25.01	19.88	16.35	19.82	25.01	19.82	75- 80	145.1	21338	99.5,99.5
85	4.771	10.47	13.01	10.47	4.771	10.43	13.01	10.43	80- 85	82.64	21421	99.9,99.9
90	1.001	1.104	1.010	1.104	1.001	1.097	1.010	1.097	85- 90	30.90	21452	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 15010 lm

%lum = 70.0%
%lamp = 70.0%

Conical surface Flux(120deg): 19270 lm

%lum = 89.8%
%lamp = 89.8%

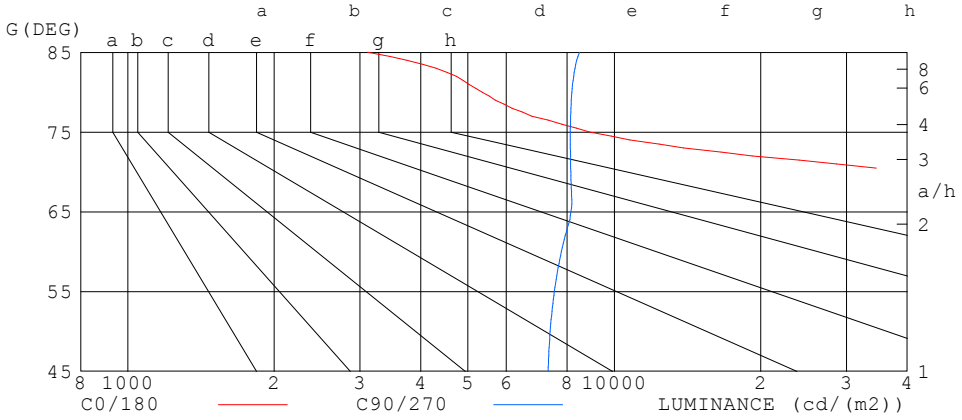
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3110	8480
80	5350	8182
75	8878	8124
70	40188	8141
65	107024	8141
60	113739	7785
55	116812	7530
50	120050	7383
45	120148	7310

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Test Date:2017-03-24

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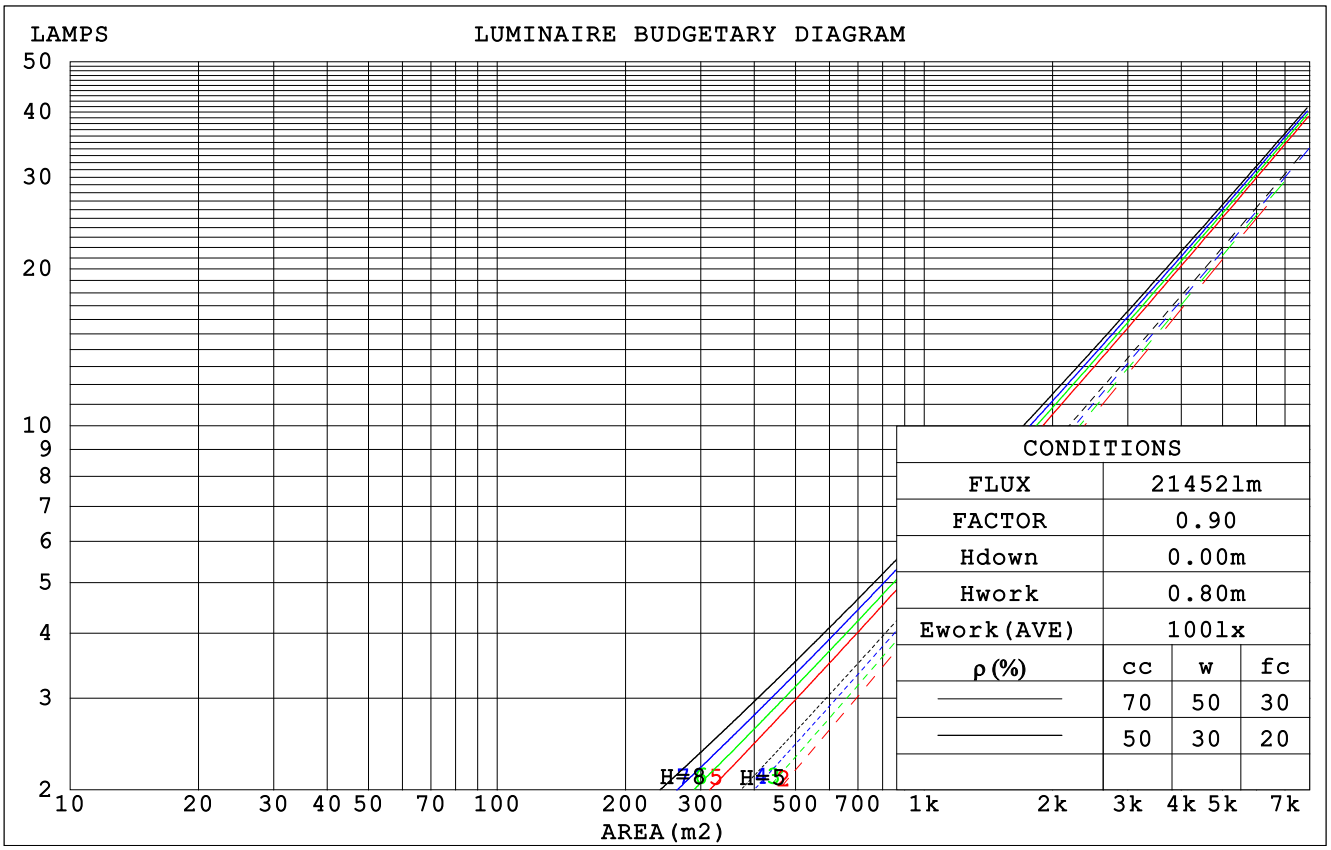
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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	1.00
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.94	.92	.90	.89
2.0	.96	.91	.86	.94	.89	.85	.91	.87	.83	.88	.84	.81	.85	.82	.79	.78
3.0	.87	.80	.74	.85	.79	.74	.82	.77	.72	.80	.75	.71	.77	.73	.70	.68
4.0	.78	.71	.65	.77	.70	.65	.75	.69	.64	.73	.67	.63	.71	.66	.62	.60
5.0	.71	.64	.58	.70	.63	.58	.68	.62	.57	.66	.61	.56	.65	.60	.56	.54
6.0	.65	.57	.52	.64	.57	.52	.63	.56	.51	.61	.55	.51	.60	.54	.50	.49
7.0	.60	.52	.47	.59	.52	.47	.58	.51	.46	.56	.51	.46	.55	.50	.46	.44
8.0	.56	.48	.43	.55	.48	.43	.54	.47	.42	.52	.47	.42	.51	.46	.42	.40
9.0	.52	.44	.39	.51	.44	.39	.50	.43	.39	.49	.43	.39	.48	.43	.39	.37
10.0	.48	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.40	.36	.34



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

WEC AND CCEC

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	.244	.139	.044	.237	.135	.043	.224	.129	.041	.212	.122	.039	.201	.117	.038	
2.0	.236	.129	.040	.230	.127	.039	.219	.122	.038	.209	.117	.037	.199	.113	.035	
3.0	.223	.119	.036	.218	.117	.035	.208	.113	.034	.199	.109	.034	.191	.106	.033	
4.0	.210	.109	.032	.206	.108	.032	.197	.104	.031	.189	.101	.031	.182	.099	.030	
5.0	.197	.101	.029	.193	.099	.029	.186	.097	.028	.179	.094	.028	.172	.092	.028	
6.0	.185	.093	.027	.182	.092	.026	.175	.090	.026	.169	.088	.026	.163	.086	.025	
7.0	.174	.086	.024	.171	.085	.024	.165	.083	.024	.159	.082	.024	.154	.080	.024	
8.0	.164	.080	.023	.161	.080	.022	.156	.078	.022	.151	.076	.022	.146	.075	.022	
9.0	.155	.075	.021	.153	.074	.021	.148	.073	.021	.143	.072	.021	.139	.071	.020	
10.0	.147	.070	.020	.145	.070	.019	.140	.069	.019	.136	.068	.019	.132	.067	.019	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.105	.141	.114	.091	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.156	.114	.081	.133	.098	.070	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.147	.100	.064	.126	.087	.056	.087	.060	.039	.050	.035	.023	.016	.011	.008	
5.0	.140	.089	.052	.120	.077	.045	.083	.054	.032	.048	.032	.019	.015	.010	.006	
6.0	.133	.081	.043	.114	.070	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
7.0	.126	.073	.037	.109	.064	.032	.075	.045	.023	.044	.026	.013	.014	.009	.004	
8.0	.120	.068	.031	.103	.059	.027	.072	.041	.019	.042	.024	.012	.013	.008	.004	
9.0	.115	.063	.027	.099	.054	.024	.068	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.109	.058	.024	.094	.051	.021	.065	.036	.015	.038	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

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	29.6	30.9	29.9	31.1	31.3	15.4	16.7	15.6	16.9	17.1
	3H	30.7	31.9	31.0	32.1	32.4	16.9	18.1	17.2	18.3	18.5
	4H	30.7	31.8	31.0	32.0	32.3	17.6	18.7	17.9	19.0	19.2
	6H	30.6	31.6	30.9	31.9	32.2	18.2	19.3	18.5	19.5	19.8
	8H	30.5	31.5	30.9	31.8	32.1	18.5	19.5	18.8	19.8	20.0
	12H	30.5	31.5	30.8	31.7	32.0	18.7	19.7	19.0	19.9	20.2
4H	2H	29.3	30.5	29.6	30.7	30.9	16.6	17.8	16.9	18.0	18.2
	3H	30.5	31.4	30.8	31.7	32.0	18.0	19.0	18.3	19.2	19.5
	4H	30.4	31.3	30.8	31.6	31.9	18.7	19.6	19.1	19.9	20.2
	6H	30.3	31.1	30.7	31.5	31.8	19.4	20.2	19.8	20.6	20.9
	8H	30.3	31.0	30.7	31.4	31.8	19.7	20.5	20.1	20.8	21.2
	12H	30.3	30.9	30.7	31.3	31.7	20.0	20.7	20.4	21.0	21.4
8H	4H	30.3	31.0	30.7	31.4	31.7	19.0	19.7	19.4	20.1	20.5
	6H	30.2	30.8	30.7	31.2	31.6	19.8	20.4	20.3	20.8	21.2
	8H	30.2	30.7	30.6	31.1	31.6	20.2	20.8	20.7	21.2	21.6
	12H	30.2	30.6	30.6	31.0	31.5	20.6	21.0	21.1	21.5	22.0
12H	4H	30.2	30.9	30.7	31.3	31.7	19.0	19.7	19.4	20.0	20.4
	6H	30.2	30.7	30.6	31.1	31.6	19.9	20.4	20.3	20.8	21.3
	8H	30.2	30.6	30.6	31.0	31.5	20.3	20.8	20.8	21.2	21.7
Variations with the observer position at spacings:											
S = 1.0H		+ 1.3 / - 1.4					+ 0.5 / - 0.6				
1.5H		+ 2.8 / - 5.0					+ 0.8 / - 0.5				
2.0H		+ 4.0 / - 9.6					+ 0.1 / - 0.1				

CIE Pub.117 Corrected 21452 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.7)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

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	67	57	52	67	57	51	66	57	51	46
0.80	77	67	61	76	67	61	75	66	61	55
1.00	85	76	70	84	75	69	82	76	69	63
1.25	91	83	77	90	82	76	87	81	76	70
1.50	95	87	82	94	87	81	91	85	80	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	98	93	102	96	92	98	94	90	83
3.00	106	101	97	104	100	96	101	97	94	86
4.00	110	105	102	107	104	100	103	100	98	90
5.00	111	108	105	109	106	103	105	102	100	92
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

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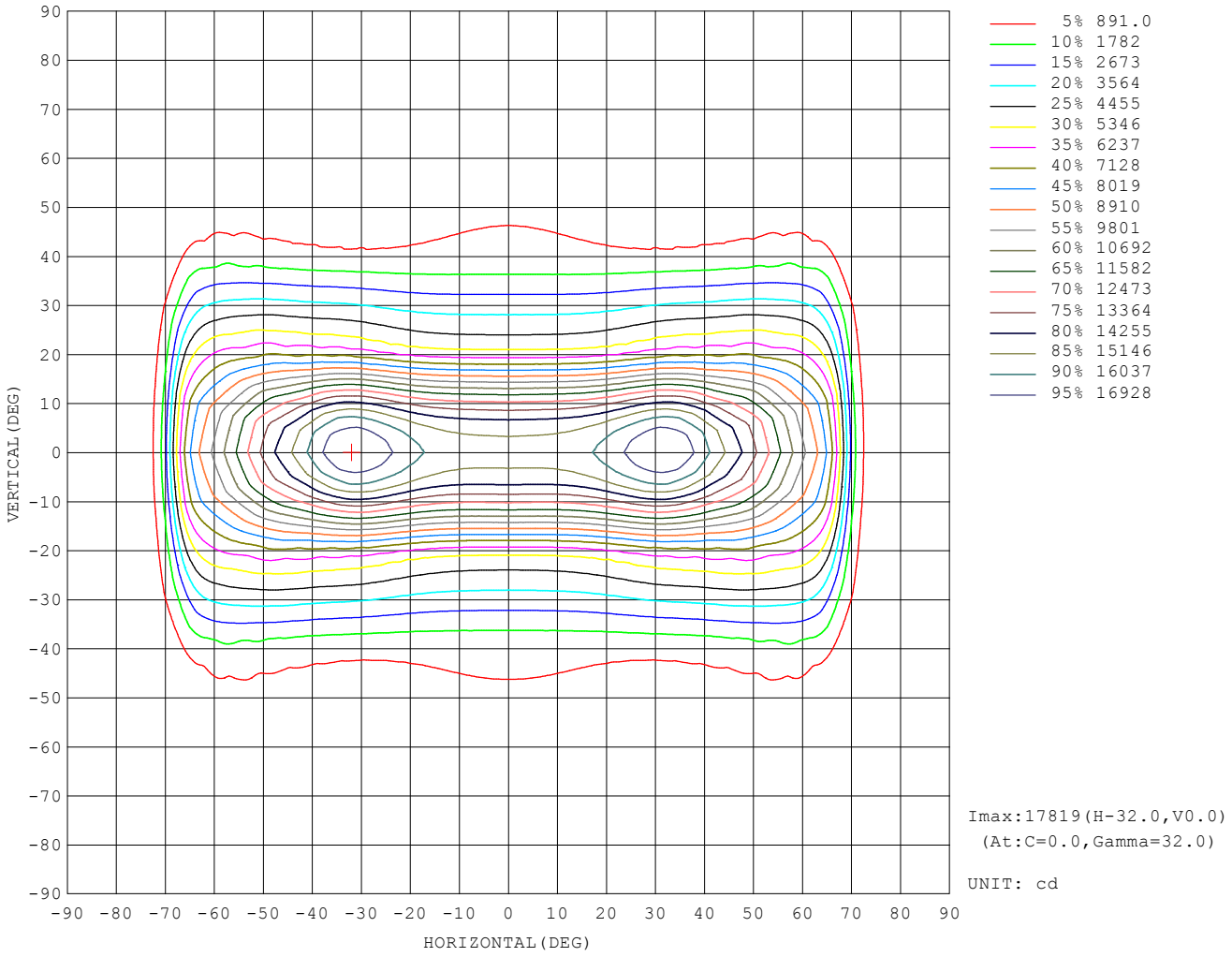
Remarks:

ISOCANDELA DIAGRAM



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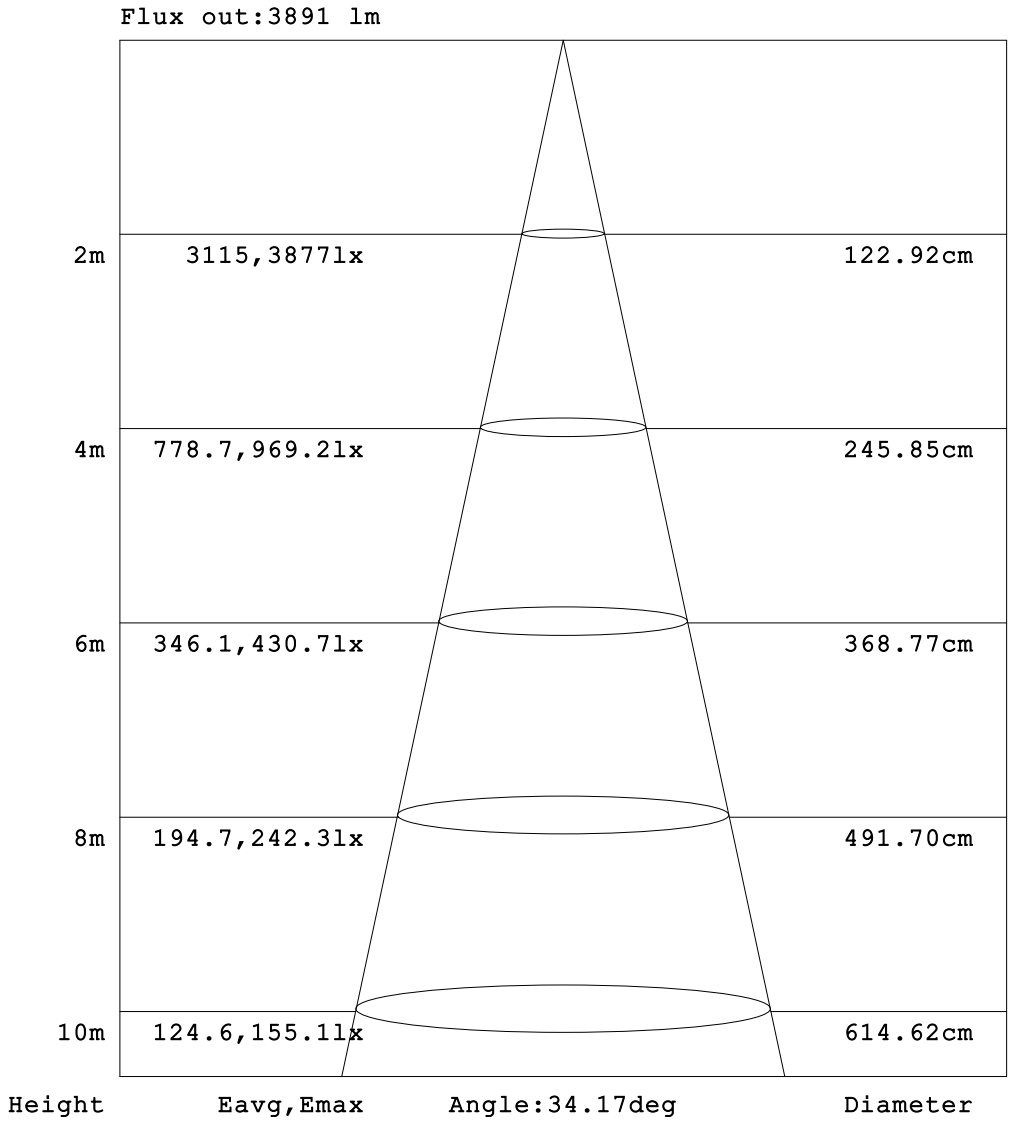
Remarks:

AAI Figure



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

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Test Speed: HIGH
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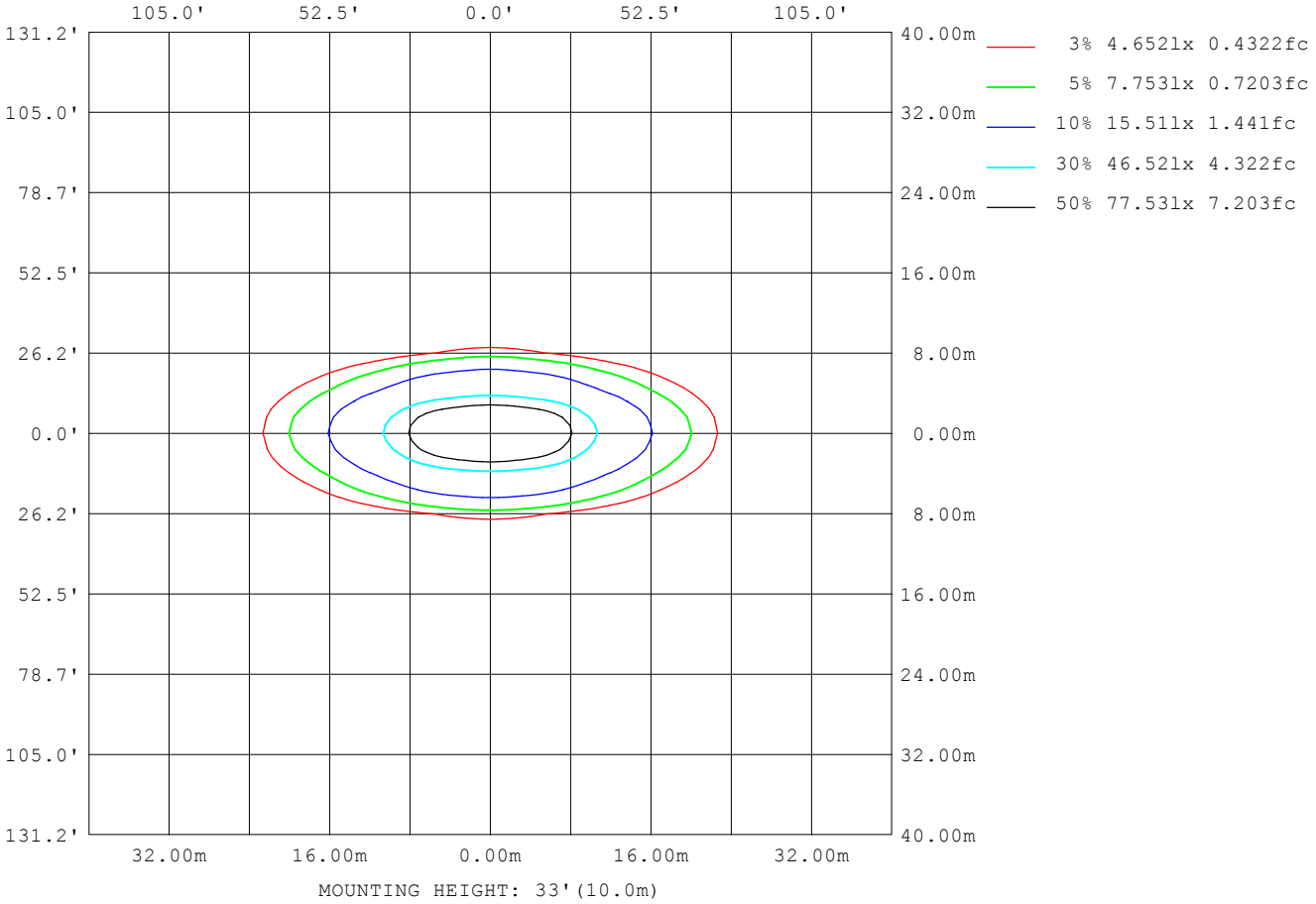
Remarks:

ISOLUX DIAGRAM



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Test Distance:9.500m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:229.9V I:0.8036A P:178.5W PF:0.9663 Lamp Flux:21451.8x1 lm		
NAME: LHB01-180	TYPE:180W	WEIGHT:
SPEC.:4000K Ra80 40130DEG L02804	DIM.: 0.718*0.275*0.102	SERIAL No.:
MFR.:	SUR.:0.255*0.69	Shielding Angle:

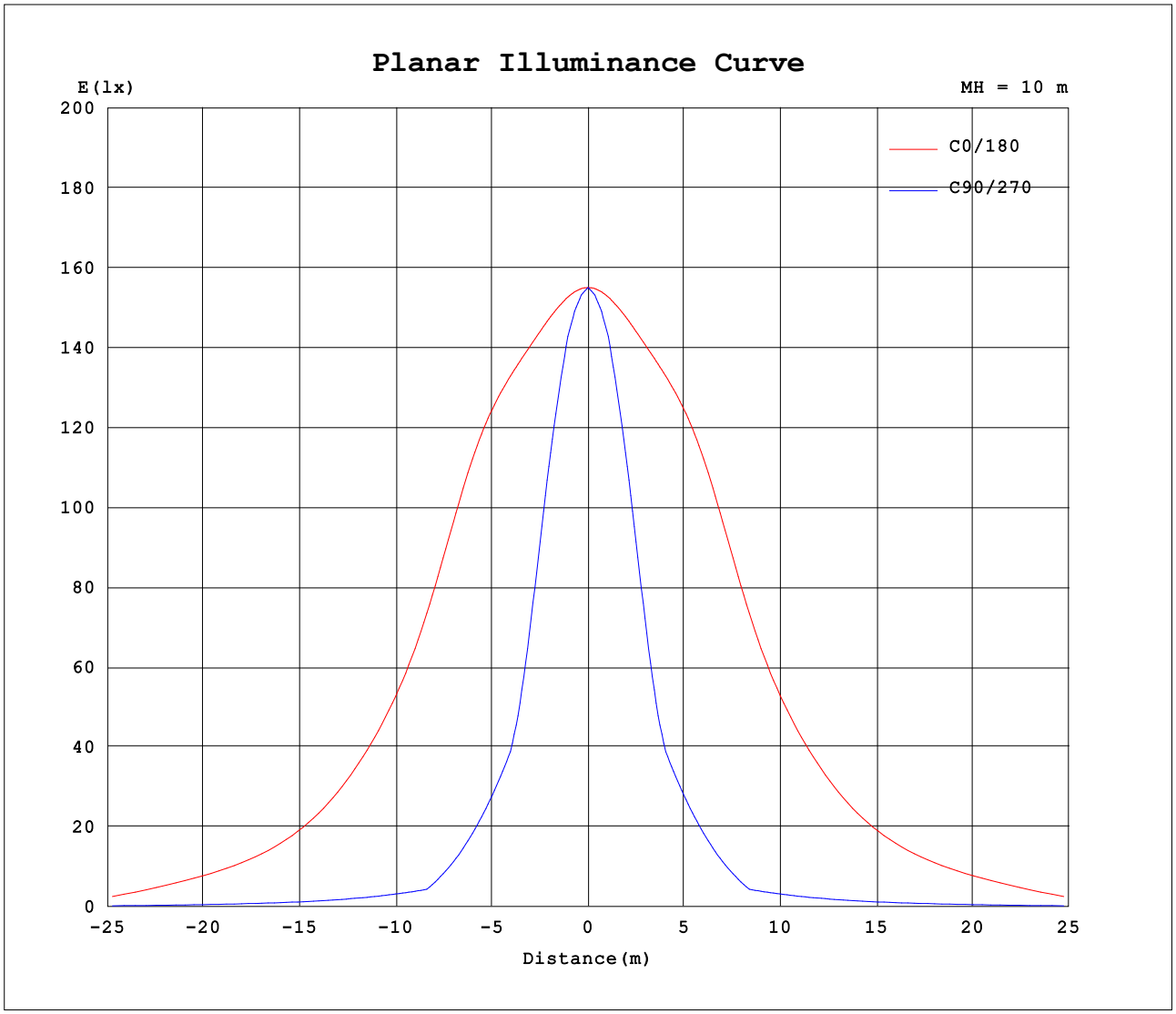
AvgL	cd/m2
L_0~180(65)av	107024
L_0~180(75)av	8878
L_0~180(85)av	3110
L_90~270(65)av	8141
L_90~270(75)av	8124
L_90~270(85)av	8480
L_45(65)av	7228
L_45(75)av	6447
L_45(85)av	6811

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1 UNIT: ×10cd

C(DEG) / γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551
5	1552	1548	1544	1540	1537	1532	1526	1519	1514	1508	1503	1498	1492	1488	1484	1481	1478	1477	1477
10	1559	1551	1542	1529	1513	1496	1475	1455	1429	1400	1374	1350	1326	1306	1290	1277	1268	1263	1262
15	1585	1571	1551	1524	1487	1443	1388	1330	1274	1217	1163	1112	1063	1022	989	962	943	932	928
20	1638	1617	1580	1528	1453	1363	1270	1173	1073	978	893	816	749	694	652	619	595	581	576
25	1716	1682	1621	1526	1401	1264	1118	974	839	718	618	550	498	474	455	441	431	425	423
30	1777	1727	1637	1488	1313	1121	931	754	612	522	474	433	400	372	351	335	324	317	315
35	1755	1687	1559	1371	1151	925	717	571	499	436	381	335	297	267	244	227	216	209	206
40	1635	1557	1400	1185	941	709	563	480	405	337	278	229	190	159	136	119	107	100	98.0
45	1495	1411	1235	997	746	569	466	375	294	223	162	113	93.7	91.6	90.7	90.6	90.8	90.9	91.0
50	1358	1270	1076	826	603	475	359	258	170	98.3	88.7	83.3	81.3	81.3	81.7	82.4	83.0	83.4	83.5
55	1179	1086	892	653	496	361	237	128	91.4	78.7	74.1	72.2	71.6	72.1	73.1	74.2	75.1	75.8	76.0
60	1001	910	720	523	370	229	116	84.4	72.9	66.9	63.3	61.7	61.7	62.7	64.3	65.9	67.3	68.2	68.5
65	796	715	542	380	228	117	81.2	68.3	59.9	54.6	51.7	50.7	51.4	53.1	55.4	57.5	59.1	60.2	60.6
70	242	229	219	177	92.3	73.7	61.6	51.1	44.5	40.9	39.5	39.6	40.9	42.7	44.7	46.5	47.8	48.7	49.0
75	40.4	40.2	43.0	38.6	43.7	43.3	36.2	30.4	29.6	29.4	29.4	29.7	30.6	32.0	33.6	35.0	36.1	36.8	37.0
80	16.4	16.1	16.8	18.7	19.9	19.1	19.6	19.8	19.9	19.9	19.9	20.0	20.6	21.5	22.6	23.6	24.3	24.8	25.0
85	4.77	5.22	6.62	8.70	9.65	10.0	10.3	10.4	10.5	10.5	10.4	10.5	10.8	11.2	11.8	12.3	12.7	12.9	13.0
90	1.00	1.79	1.89	1.77	1.62	1.46	1.33	1.23	1.15	1.10	1.08	1.06	1.04	1.03	1.03	1.03	1.02	1.01	1.01

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2 UNIT: ×10cd

C(DEG) / γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551
5	1477	1478	1481	1484	1488	1492	1498	1503	1508	1514	1519	1526	1532	1537	1540	1544	1548	1552	1549
10	1263	1268	1277	1290	1306	1326	1350	1374	1400	1429	1455	1475	1496	1513	1529	1542	1551	1559	1553
15	932	943	962	989	1022	1063	1112	1163	1217	1274	1330	1388	1443	1487	1524	1551	1571	1585	1574
20	581	595	619	652	694	749	816	893	978	1073	1173	1270	1363	1453	1528	1580	1617	1638	1623
25	425	431	441	455	474	498	550	618	718	839	974	1118	1264	1401	1526	1621	1682	1716	1692
30	317	324	335	351	372	400	433	474	522	612	754	931	1121	1313	1488	1637	1727	1777	1745
35	209	216	227	244	267	297	335	381	436	499	571	717	925	1151	1371	1559	1687	1755	1721
40	100	107	119	136	159	190	229	278	337	405	480	563	709	941	1185	1400	1557	1635	1598
45	90.9	90.8	90.6	90.7	91.6	93.7	113	162	223	294	375	466	569	746	997	1235	1411	1495	1449
50	83.4	83.0	82.4	81.7	81.3	81.3	83.3	88.7	98.3	170	258	359	475	603	826	1076	1270	1358	1312
55	75.8	75.1	74.2	73.1	72.1	71.6	72.2	74.1	78.7	91.4	128	237	361	496	653	892	1086	1179	1126
60	68.2	67.3	65.9	64.3	62.7	61.7	61.7	63.3	66.9	72.9	84.4	116	229	370	523	720	910	1001	941
65	60.2	59.1	57.5	55.4	53.1	51.4	50.7	51.7	54.6	59.9	68.3	81.2	117	228	380	542	715	796	734
70	48.7	47.8	46.5	44.7	42.7	40.9	39.6	39.5	40.9	44.5	51.1	61.6	73.7	92.3	177	219	229	242	250
75	36.8	36.1	35.0	33.6	32.0	30.6	29.7	29.4	29.4	29.6	30.4	36.2	43.3	43.7	38.6	43.0	40.2	40.4	41.4
80	24.8	24.3	23.6	22.6	21.5	20.6	20.0	19.9	19.9	19.9	19.8	19.6	19.1	19.9	18.7	16.8	16.1	16.4	16.2
85	12.9	12.7	12.3	11.8	11.2	10.8	10.5	10.4	10.5	10.5	10.4	10.3	10.0	9.65	8.70	6.62	5.22	4.77	5.20
90	1.01	1.02	1.03	1.03	1.03	1.04	1.06	1.08	1.10	1.15	1.23	1.33	1.46	1.62	1.77	1.89	1.79	1.00	1.68

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3 UNIT: ×10cd

C(DEG) / γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551
5	1545	1542	1539	1535	1529	1523	1517	1512	1507	1502	1496	1491	1486	1483	1480	1478	1477	1478	1480
10	1546	1534	1521	1505	1485	1466	1440	1412	1386	1360	1335	1314	1296	1282	1272	1265	1262	1265	1272
15	1558	1534	1500	1458	1403	1346	1289	1231	1177	1124	1074	1031	995	966	946	933	928	933	946
20	1590	1542	1468	1379	1284	1186	1083	986	898	820	752	696	653	619	595	581	576	581	595
25	1638	1547	1421	1280	1128	977	838	714	613	545	493	471	453	440	430	425	423	425	430
30	1669	1522	1342	1137	935	748	602	511	465	426	394	369	349	333	323	317	315	317	323
35	1613	1426	1190	943	717	562	489	426	373	329	293	264	242	226	215	208	206	208	215
40	1461	1243	975	718	562	476	398	330	271	224	186	156	134	118	107	100	98.0	100	107
45	1286	1033	756	567	465	372	290	218	158	110	91.6	90.1	89.6	89.9	90.3	90.7	91.0	90.7	90.3
50	1127	852	604	471	354	252	165	93.6	85.7	81.4	80.0	80.2	80.9	81.8	82.6	83.2	83.5	83.2	82.6
55	936	671	501	358	230	120	86.1	75.7	72.1	70.6	70.5	71.2	72.3	73.7	74.8	75.7	76.0	75.7	74.8
60	749	532	370	221	105	78.5	69.1	64.4	61.6	60.5	60.7	61.9	63.7	65.5	67.0	68.1	68.5	68.1	67.0
65	554	383	220	105	73.9	63.7	57.0	52.9	50.7	50.0	50.8	52.6	54.9	57.2	59.0	60.1	60.6	60.1	59.0
70	243	183	87.5	67.6	56.7	48.2	43.1	40.3	39.2	39.4	40.5	42.3	44.4	46.2	47.7	48.7	49.0	48.7	47.7
75	45.3	41.0	44.3	41.7	34.8	30.1	29.5	29.3	29.3	29.6	30.4	31.7	33.3	34.8	36.0	36.7	37.0	36.7	36.0
80	17.3	19.5	20.4	19.3	19.7	19.7	19.8	19.8	19.8	20.0	20.5	21.4	22.5	23.5	24.3	24.8	25.0	24.8	24.3
85	6.64	8.87	9.82	10.1	10.4	10.4	10.4	10.4	10.4	10.5	10.7	11.2	11.7	12.2	12.7	12.9	13.0	12.9	12.7
90	1.74	1.64	1.53	1.42	1.31	1.21	1.14	1.10	1.07	1.06	1.06	1.06	1.05	1.04	1.02	1.01	1.01	1.01	1.02

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4 UNIT: ×10cd

C(DEG) / γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551	1551				
5	1483	1486	1491	1496	1502	1507	1512	1517	1523	1529	1535	1539	1542	1545	1549				
10	1282	1296	1314	1335	1360	1386	1412	1440	1466	1485	1505	1521	1534	1546	1553				
15	966	995	1031	1074	1124	1177	1231	1289	1346	1403	1458	1500	1534	1558	1574				
20	619	653	696	752	820	898	986	1083	1186	1284	1379	1468	1542	1590	1623				
25	440	453	471	493	545	613	714	838	977	1128	1280	1421	1547	1638	1692				
30	333	349	369	394	426	465	511	602	748	935	1137	1342	1522	1669	1745				
35	226	242	264	293	329	373	426	489	562	717	943	1190	1426	1613	1721				
40	118	134	156	186	224	271	330	398	476	562	718	975	1243	1461	1598				
45	89.9	89.6	90.1	91.6	110	158	218	290	372	465	567	756	1033	1286	1449				
50	81.8	80.9	80.2	80.0	81.4	85.7	93.6	165	252	354	471	604	852	1127	1312				
55	73.7	72.3	71.2	70.5	70.6	72.1	75.7	86.1	120	230	358	501	671	936	1126				
60	65.5	63.7	61.9	60.7	60.5	61.6	64.4	69.1	78.5	105	221	370	532	749	941				
65	57.2	54.9	52.6	50.8	50.0	50.7	52.9	57.0	63.7	73.9	105	220	383	554	734				
70	46.2	44.4	42.3	40.5	39.4	39.2	40.3	43.1	48.2	56.7	67.6	87.5	183	243	250				
75	34.8	33.3	31.7	30.4	29.6	29.3	29.3	29.5	30.1	34.8	41.7	44.3	41.0	45.3	41.4				
80	23.5	22.5	21.4	20.5	20.0	19.8	19.8	19.8	19.7	19.7	19.3	20.4	19.5	17.3	16.2				
85	12.2	11.7	11.2	10.7	10.5	10.4	10.4	10.4	10.4	10.4	10.1	9.82	8.87	6.64	5.20				
90	1.04	1.05	1.06	1.06	1.06	1.07	1.10	1.14	1.21	1.31	1.42	1.53	1.64	1.74	1.68				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:9.500m [K=1.0000]
Remarks: