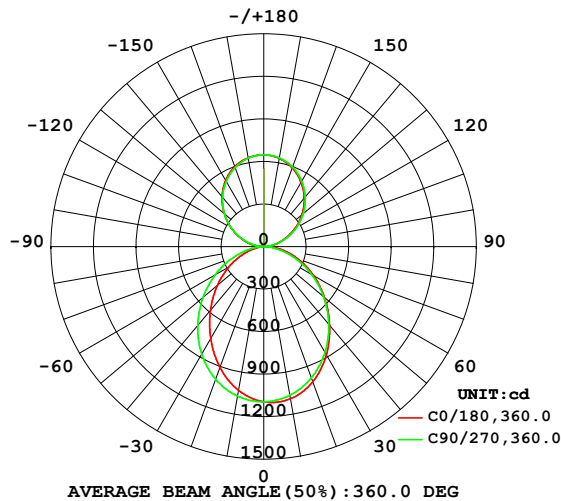


## LUMINAIRE PHOTOMETRIC TEST REPORT

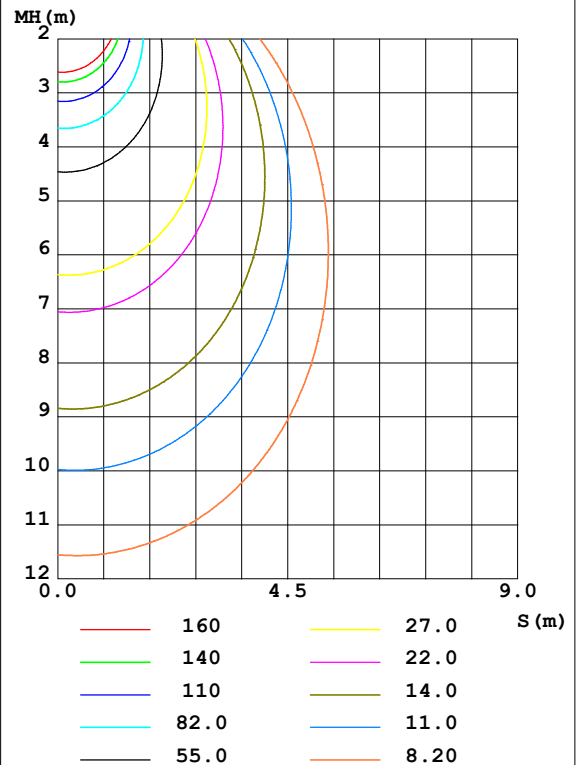
Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.78 lm/W			
MODEL	L5580D-NW44	I <sub>max</sub> (cd)	1112	S/MH (C0/180)	1.05
NOMINAL POWER (W)	44	LOR (%)	100.0	S/MH (C90/270)	1.20
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	4454.3	η UP,DN (C0-180)	20.5,29.6
NOMINAL FLUX (lm)	4454.28	CIE CLASS	DIFFUSE	η UP,DN (C180-360)	19.7,30.2
LAMPS INSIDE	1	η up (%)	40.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220.0	η down (%)	59.9	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: KEVINLI  
Test Date: 2018-11-28

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity: 65.0%  
Test Distance: 7.403m [K=1.3508]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

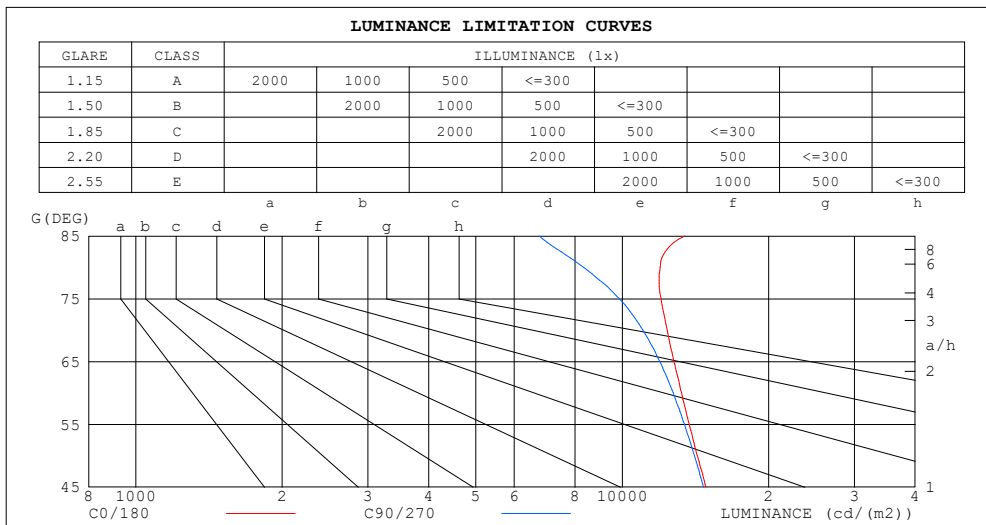
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1089	1096	1065	1022	1030	1032	1071	1106	0- 10	103.0	103.0	2.31,2.31
20	1014	1034	984.9	900.3	906.0	916.3	995.3	1053	10- 20	289.0	392.0	8.8,8.8
30	883.7	919.1	863.4	749.3	748.7	768.1	875.3	945.0	20- 30	420.7	812.7	18.2,18.2
40	723.8	768.0	714.2	588.0	584.8	607.4	724.9	794.9	30- 40	480.3	1293	29,29
50	559.3	602.3	551.7	429.4	428.2	448.2	559.9	626.8	40- 50	468.7	1762	39.6,39.6
60	403.9	438.8	388.1	279.8	283.0	298.6	393.0	460.6	50- 60	399.6	2161	48.5,48.5
70	258.0	284.1	230.1	141.2	149.3	158.5	232.0	303.2	60- 70	290.2	2451	55,55
80	126.8	141.1	88.30	34.88	43.45	44.96	88.00	156.3	70- 80	161.2	2613	58.7,58.7
90	13.46	24.13	4.783	13.89	17.84	18.57	4.288	15.17	80- 90	54.93	2668	59.9,59.9
100	68.27	93.17	64.06	70.80	82.05	54.86	65.52	77.01	90-100	42.53	2710	60.8,60.8
110	153.2	191.0	161.7	158.4	169.5	140.3	162.5	172.6	100-110	123.2	2833	63.6,63.6
120	252.9	295.5	265.6	259.0	265.8	239.1	264.8	275.8	110-120	212.4	3046	68.4,68.4
130	354.0	393.6	364.6	358.4	364.2	339.3	362.9	373.5	120-130	282.3	3328	74.7,74.7
140	445.7	483.4	456.0	450.4	458.0	433.0	453.0	462.9	130-140	317.3	3645	81.8,81.8
150	526.4	558.8	535.1	530.8	538.9	515.8	531.2	540.0	140-150	311.0	3956	88.8,88.8
160	591.1	614.8	597.1	593.3	600.2	582.8	593.2	599.9	150-160	261.9	4218	94.7,94.7
170	632.6	646.6	635.6	632.8	636.3	628.0	633.3	637.4	160-170	174.7	4393	98.6,98.6
180	648.0	648.0	648.0	648.0	648.0	648.0	648.0	648.0	170-180	61.28	4454	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:KEVINLI  
 Test Date:2018-11-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.403m [K=1.3508]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	13446	6751
80	11974	8336
75	12017	9862
70	12367	11028
65	12780	11952
60	13242	12724
55	13733	13424
50	14263	14070
45	14865	14692

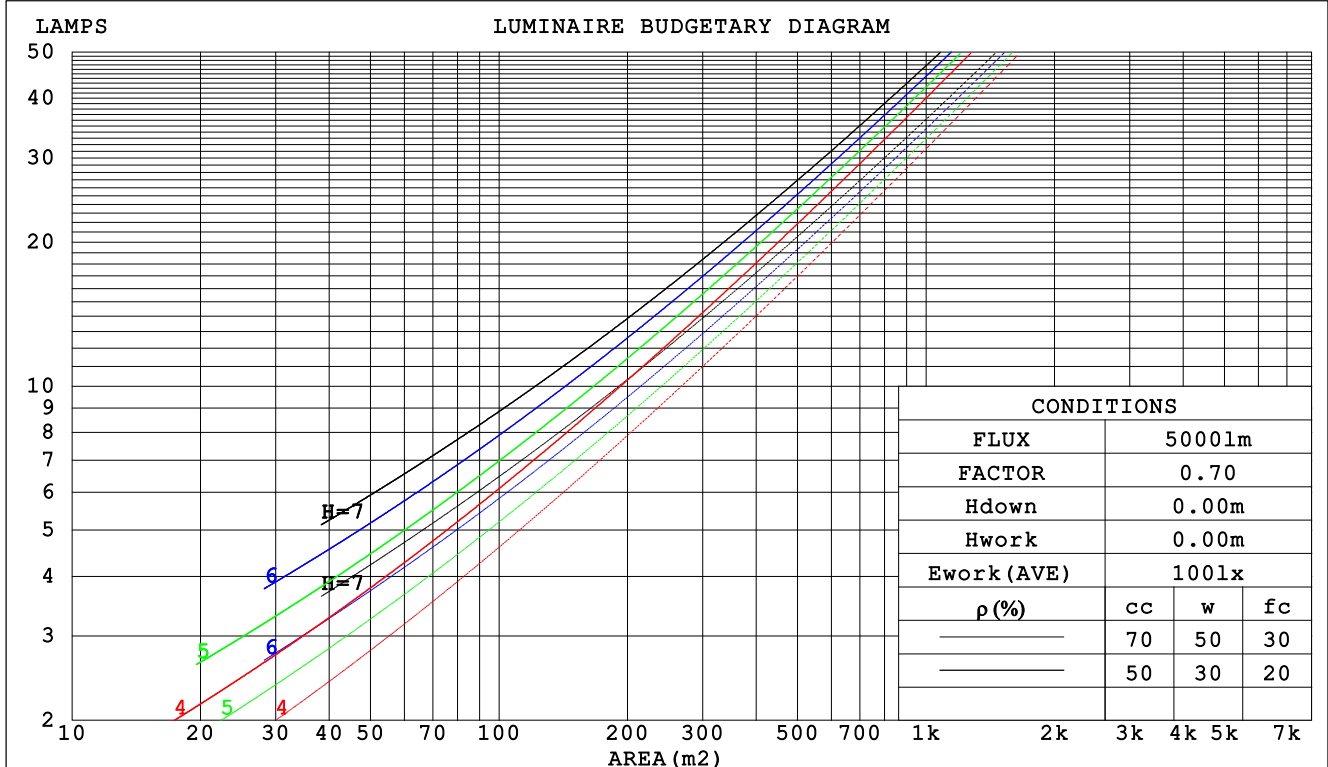
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.09	1.09	1.09	1.02	1.02	1.02	.89	.89	.89	.77	.77	.77	.65	.65	.65	.60
1.0	.96	.92	.88	.90	.86	.83	.78	.75	.73	.67	.66	.64	.58	.56	.55	.51
2.0	.84	.77	.72	.78	.73	.68	.69	.64	.61	.59	.56	.54	.51	.49	.47	.43
3.0	.74	.66	.60	.69	.63	.57	.61	.55	.51	.53	.49	.45	.45	.42	.40	.36
4.0	.65	.57	.51	.61	.54	.49	.54	.48	.44	.47	.43	.39	.41	.37	.34	.31
5.0	.58	.50	.44	.55	.48	.42	.48	.43	.38	.42	.38	.34	.37	.33	.30	.27
6.0	.53	.44	.38	.49	.42	.37	.44	.38	.33	.38	.34	.30	.33	.30	.27	.24
7.0	.48	.39	.34	.45	.38	.32	.40	.34	.29	.35	.30	.27	.30	.27	.24	.21
8.0	.43	.35	.30	.41	.34	.29	.36	.30	.26	.32	.27	.24	.28	.24	.21	.19
9.0	.40	.32	.27	.37	.31	.26	.33	.28	.24	.30	.25	.21	.26	.22	.19	.17
10.0	.36	.29	.24	.34	.28	.23	.31	.25	.21	.27	.23	.19	.24	.20	.18	.16



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:KEVINLI  
 Test Date:2018-11-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.403m [K=1.3508]  
 Remarks:

### WEC AND CCEC

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	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	.283	.161	.051	.264	.150	.048	.228	.131	.042	.195	.112	.036	.165	.095	.031		
2.0	.263	.144	.044	.246	.136	.042	.214	.119	.037	.184	.103	.032	.156	.088	.028		
3.0	.244	.130	.039	.228	.122	.037	.198	.107	.033	.171	.094	.029	.145	.081	.025		
4.0	.226	.117	.034	.211	.111	.033	.184	.098	.029	.159	.085	.026	.135	.074	.022		
5.0	.209	.107	.031	.196	.101	.029	.171	.089	.026	.148	.078	.023	.126	.067	.020		
6.0	.195	.098	.028	.183	.092	.027	.160	.082	.024	.138	.072	.021	.118	.062	.018		
7.0	.182	.090	.025	.170	.085	.024	.149	.075	.022	.129	.066	.019	.111	.057	.017		
8.0	.170	.083	.023	.160	.079	.022	.140	.070	.020	.121	.062	.018	.104	.053	.016		
9.0	.160	.077	.022	.150	.073	.021	.132	.065	.018	.114	.057	.016	.098	.050	.014		
10.0	.150	.072	.020	.141	.068	.019	.124	.061	.017	.108	.054	.015	.093	.047	.013		

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	.496	.496	.496	.424	.424	.424	.289	.289	.289	.166	.166	.166	.053	.053	.053	
1.0	.487	.465	.445	.416	.399	.383	.285	.274	.265	.164	.159	.154	.053	.051	.050	
2.0	.479	.442	.412	.410	.381	.356	.281	.263	.248	.162	.153	.145	.052	.050	.047	
3.0	.471	.426	.390	.404	.367	.338	.277	.255	.237	.160	.149	.140	.051	.048	.046	
4.0	.464	.414	.375	.398	.357	.326	.274	.249	.229	.158	.146	.136	.051	.048	.045	
5.0	.458	.404	.365	.393	.350	.317	.271	.244	.224	.157	.143	.133	.051	.047	.044	
6.0	.451	.396	.357	.388	.343	.311	.267	.240	.220	.155	.141	.131	.050	.046	.043	
7.0	.445	.390	.352	.383	.338	.306	.264	.237	.217	.154	.140	.129	.050	.046	.043	
8.0	.439	.385	.347	.378	.334	.303	.262	.234	.215	.152	.138	.128	.049	.045	.042	
9.0	.434	.380	.344	.374	.330	.300	.259	.232	.213	.151	.137	.127	.049	.045	.042	
10.0	.429	.376	.342	.370	.327	.298	.256	.230	.212	.150	.136	.126	.048	.045	.042	

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm										
NAME: L5580D-NW44					TYPE:L5580D-NW44			WEIGHT:		
SPEC.:1224*55*80					DIM.: 1224*55*80			SERIAL No.:		
MFR.: BLUEVISION					SUR.:1220*50			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	14.6	15.6	15.4	16.4	17.3	14.7	15.7	15.4	16.4	17.4
3H	16.0	16.9	16.8	17.7	18.7	16.0	16.9	16.7	17.6	18.6
4H	16.6	17.5	17.4	18.3	19.3	16.4	17.3	17.2	18.1	19.1
6H	17.1	17.9	17.9	18.7	19.7	16.7	17.5	17.5	18.3	19.3
8H	17.3	18.1	18.1	18.9	19.9	16.8	17.5	17.6	18.4	19.4
12H	17.4	18.2	18.3	19.0	20.1	16.8	17.5	17.6	18.4	19.4
4H 2H	15.1	16.0	15.9	16.8	17.8	15.2	16.0	16.0	16.8	17.8
3H	16.7	17.5	17.6	18.3	19.3	16.7	17.4	17.5	18.3	19.3
4H	17.5	18.1	18.3	19.0	20.1	17.3	18.0	18.2	18.8	19.9
6H	18.1	18.7	19.0	19.5	20.6	17.7	18.3	18.6	19.2	20.3
8H	18.3	18.9	19.2	19.8	20.9	17.9	18.4	18.8	19.3	20.4
12H	18.6	19.0	19.5	19.9	21.1	17.9	18.4	18.8	19.3	20.4
8H 4H	17.7	18.2	18.6	19.1	20.2	17.6	18.1	18.5	19.0	20.1
6H	18.5	18.9	19.4	19.9	21.0	18.2	18.6	19.1	19.5	20.7
8H	18.9	19.3	19.8	20.2	21.4	18.4	18.8	19.4	19.7	20.9
12H	19.2	19.6	20.2	20.5	21.7	18.6	18.9	19.5	19.9	21.0
12H 4H	17.7	18.2	18.6	19.1	20.2	17.6	18.0	18.5	19.0	20.1
6H	18.6	19.0	19.5	19.9	21.1	18.3	18.7	19.2	19.6	20.8
8H	19.0	19.3	20.0	20.3	21.5	18.6	18.9	19.5	19.8	21.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.5				

CIE Pub.117, 4454 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.2)  
Area: 0.061 m2

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:

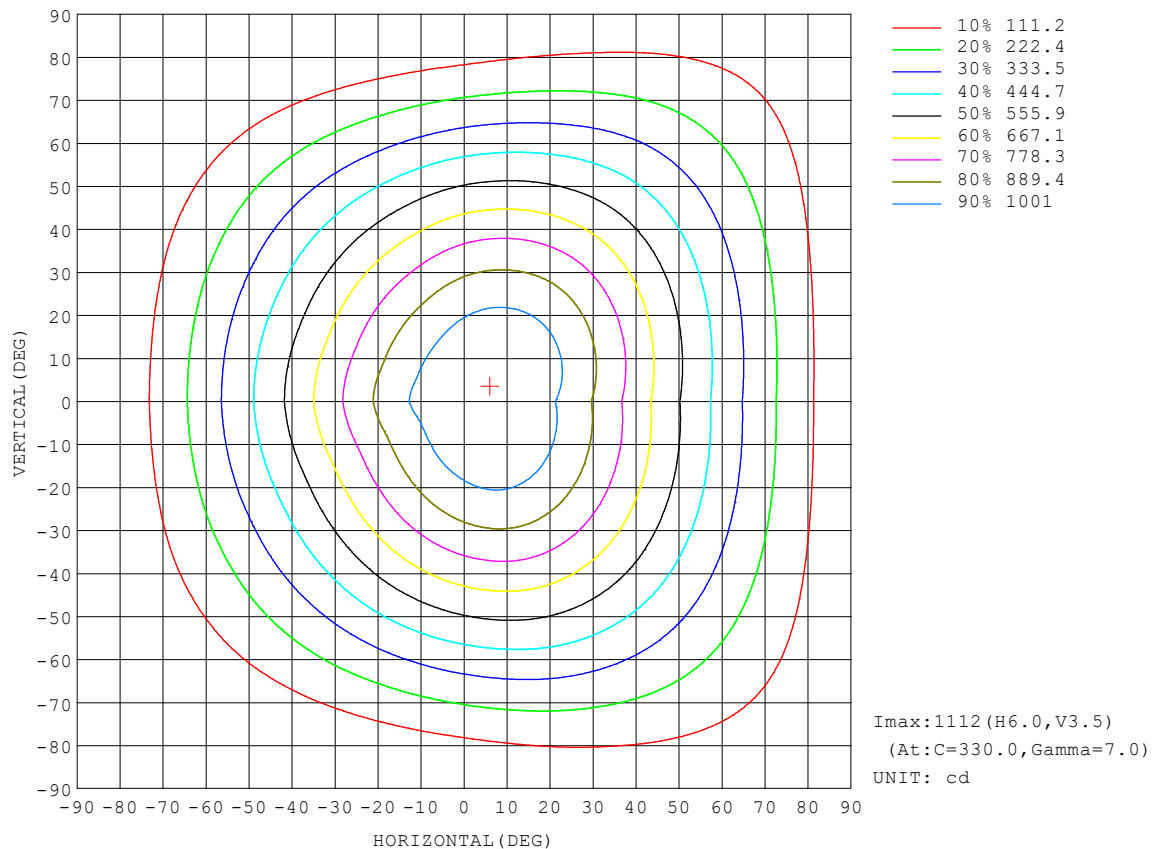
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	48	37	31	46	36	30	42	34	28	21
0.80	57	46	39	55	44	38	49	41	36	26
1.00	65	54	47	62	52	45	56	49	42	31
1.25	72	61	54	68	59	52	61	54	48	36
1.50	77	67	60	73	64	57	65	58	53	39
2.00	84	75	68	79	71	65	70	64	59	43
2.50	88	80	74	83	76	70	73	68	63	45
3.00	91	84	78	86	79	74	75	71	67	48
4.00	96	90	85	90	84	80	79	75	71	50
5.00	98	93	89	92	88	84	80	77	74	52
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:



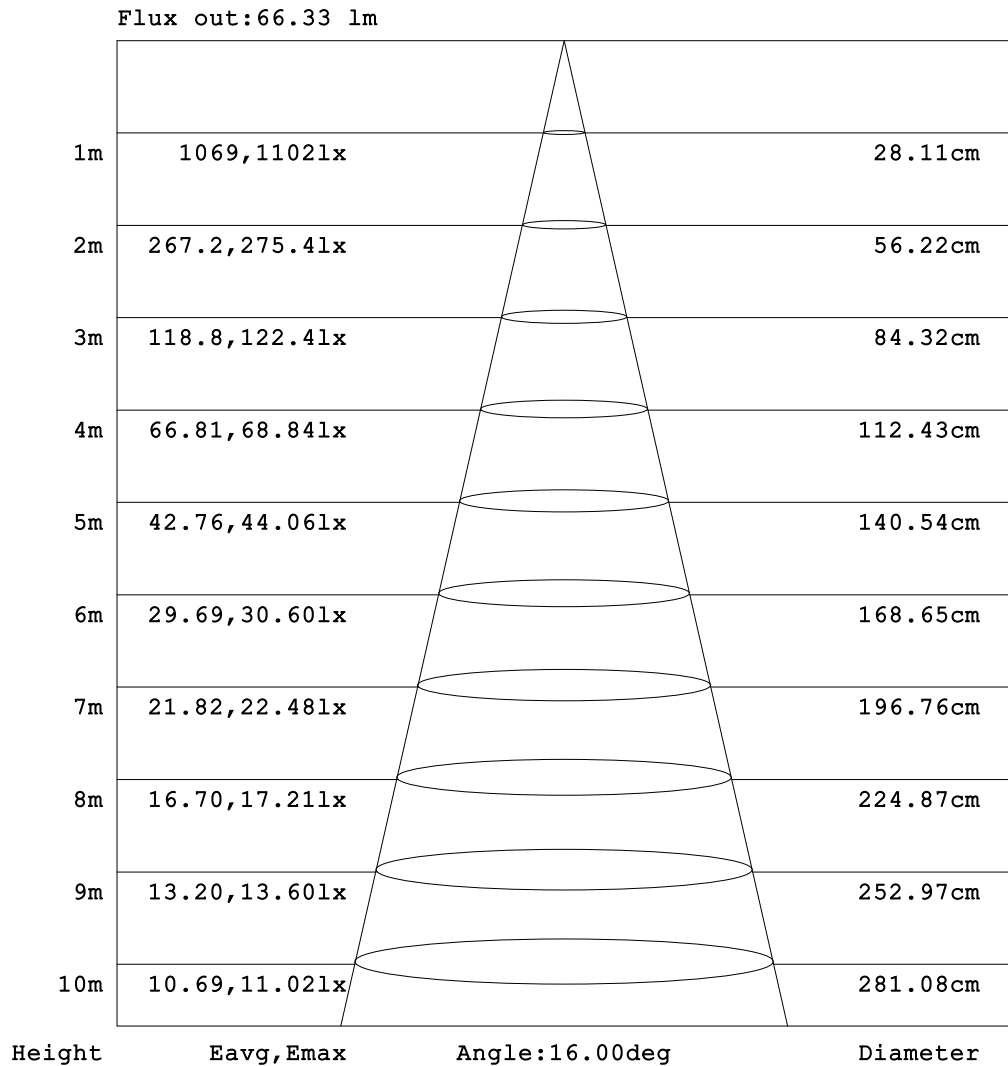
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks:



AAI Figure

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:



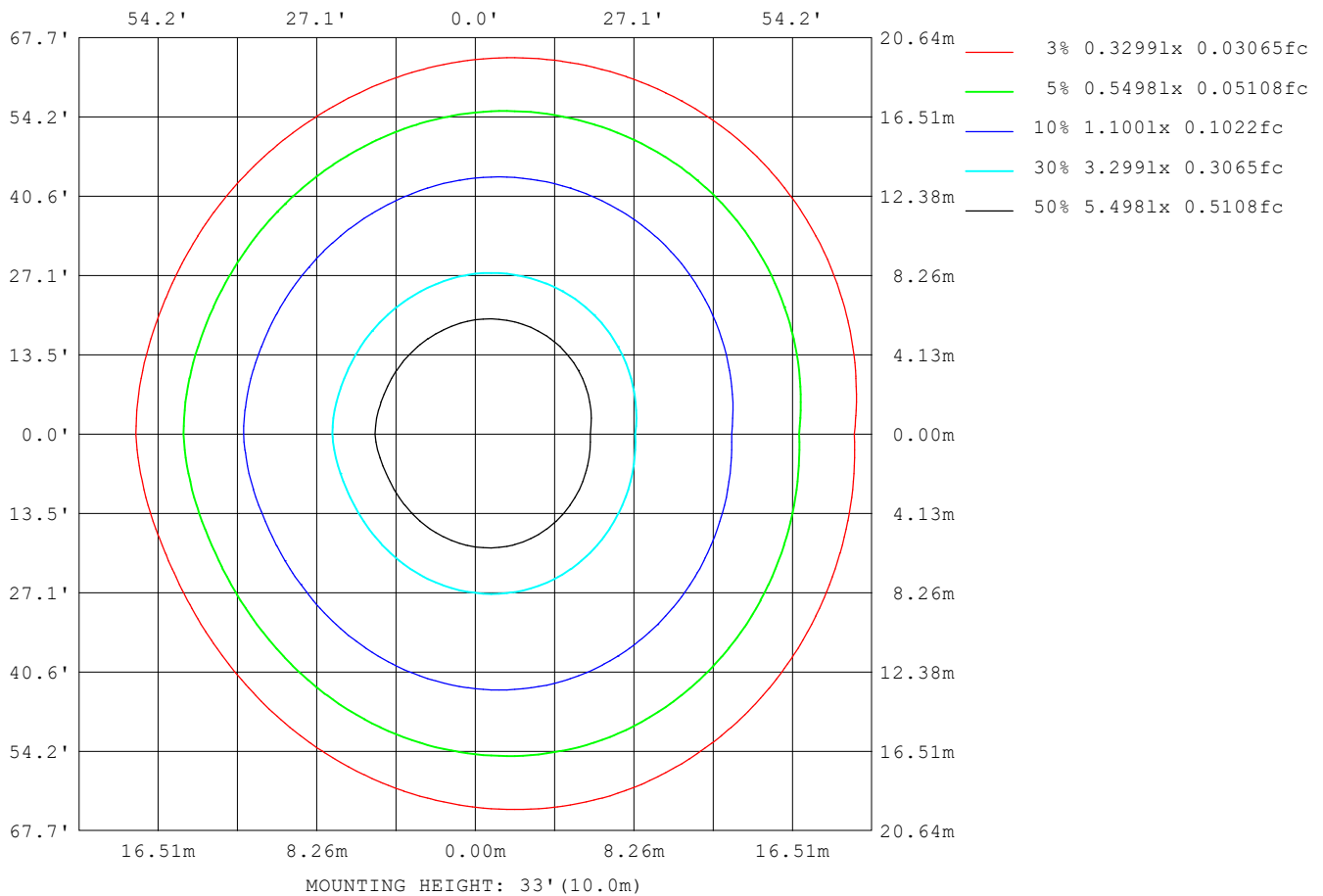
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:KEVINLI  
 Test Date:2018-11-28

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.403m [K=1.3508]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks:

## LED Avg.L Report

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:

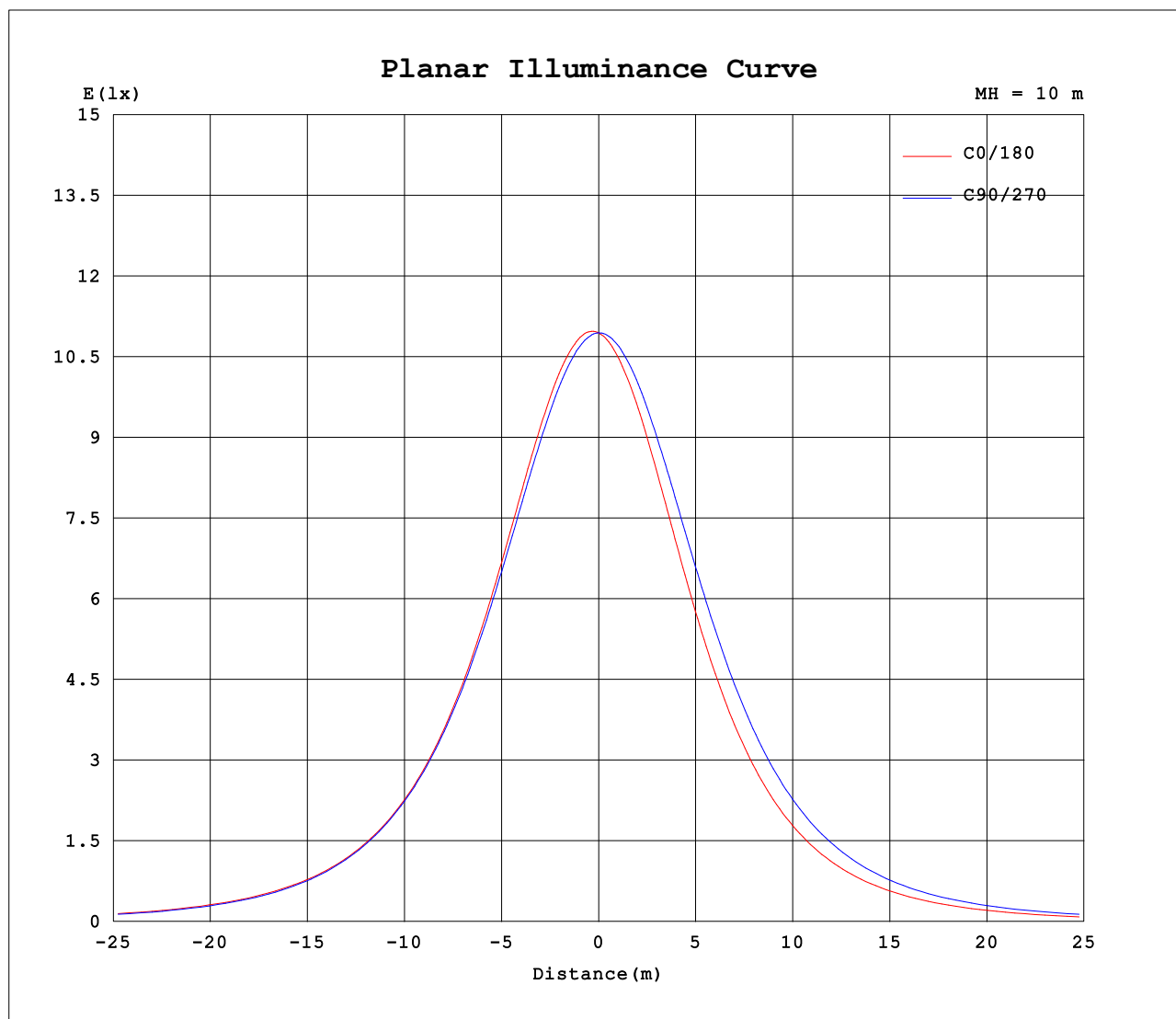
AvgL	cd/m2
L_0~180 (65) av	10539
L_0~180 (75) av	8897
L_0~180 (85) av	8052
L_90~270 (65) av	12014
L_90~270 (75) av	9885
L_90~270 (85) av	6639
L_45 (65) av	11405
L_45 (75) av	9736
L_45 (85) av	9403

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:KEVINLI  
 Test Date:2018-11-28

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
 Humidity:65.0%  
 Test Distance:7.403m [K=1.3508]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: KEVINLI  
Test Date: 2018-11-28

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity: 65.0%  
Test Distance: 7.403m [K=1.3508]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095
5	1101	1103	1104	1105	1105	1105	1105	1105	1104	1103	1102	1101	1100	1098	1096	1094	1091	1089	1086
10	1089	1092	1094	1095	1096	1097	1098	1097	1097	1096	1095	1093	1090	1087	1084	1079	1075	1070	1065
15	1060	1063	1066	1069	1071	1072	1073	1073	1073	1072	1071	1069	1066	1063	1058	1052	1045	1038	1031
20	1014	1019	1023	1026	1029	1031	1033	1034	1034	1034	1033	1031	1028	1024	1019	1011	1003	994	985
25	955	960	964	968	972	975	978	980	982	982	982	980	977	973	967	959	950	940	929
30	884	889	894	899	903	908	912	915	918	919	919	918	915	911	905	896	887	875	863
35	805	811	817	822	827	832	837	841	844	846	847	847	845	841	835	826	816	804	791
40	724	730	735	741	746	751	756	761	765	768	770	770	768	765	759	750	739	727	714
45	641	647	652	658	663	668	673	678	683	686	688	688	687	685	679	670	659	647	634
50	559	565	570	575	580	585	591	595	599	602	604	605	604	601	596	587	577	565	552
55	480	485	490	495	499	504	509	513	517	520	522	522	521	518	513	504	494	482	470
60	404	408	413	417	421	425	430	433	437	439	440	440	439	436	430	421	411	400	388
65	329	334	338	342	346	349	353	356	358	360	361	360	358	355	349	341	331	320	308
70	258	262	266	269	273	276	279	281	283	284	284	283	280	276	270	261	252	241	230
75	190	193	196	199	202	204	207	209	210	210	209	207	204	199	193	185	176	166	156
80	127	130	132	134	136	138	140	141	141	141	139	137	133	129	122	114	106	97.2	88.3
85	71.5	73.8	75.8	77.5	78.8	79.9	80.8	81.1	80.9	80.0	77.9	74.9	71.3	66.9	61.6	55.3	48.8	42.2	35.9
90	13.5	17.4	20.7	23.3	25.2	26.2	26.5	26.2	25.4	24.1	22.6	20.8	18.8	16.5	0.00	0.00	8.49	6.31	4.78
95	35.2	41.7	47.2	51.5	54.7	56.6	57.3	57.0	55.9	54.2	52.0	49.4	46.5	43.3	39.6	35.7	32.0	28.9	26.6
100	68.3	75.9	82.4	87.7	91.7	94.2	95.4	95.5	94.7	93.2	91.1	88.4	85.3	81.9	78.1	74.0	70.2	66.8	64.1
105	108	117	125	131	136	139	141	141	141	139	138	135	132	129	125	121	117	114	111
110	153	163	171	178	183	187	190	191	192	191	189	187	184	181	177	173	169	165	162
115	202	212	221	228	235	239	242	244	245	245	243	240	237	234	230	225	221	217	213
120	253	264	273	281	287	292	295	296	296	296	294	292	289	286	282	278	273	269	266
125	305	316	325	332	339	343	345	346	346	345	344	343	340	337	333	329	324	320	316
130	354	364	373	381	387	391	393	394	394	394	393	391	389	386	382	378	373	369	365
135	401	411	420	427	433	437	439	440	441	440	439	437	434	432	428	424	419	415	412
140	446	455	464	471	477	481	483	484	484	483	482	480	478	475	471	467	463	459	456
145	488	497	505	511	517	520	523	524	524	523	522	520	517	514	511	507	504	500	497
150	526	535	542	549	554	557	559	560	560	559	558	556	553	551	548	544	541	538	535
155	561	569	576	581	586	589	590	591	590	590	588	587	585	583	580	577	574	571	569
160	591	598	603	608	612	614	615	616	616	615	614	613	611	609	607	604	602	599	597
165	615	621	625	629	632	634	635	635	635	634	633	632	631	629	628	625	623	621	619
170	633	637	640	643	645	647	647	648	647	647	646	645	644	642	641	640	638	637	636
175	643	646	648	649	650	651	651	651	651	651	650	649	649	648	647	646	646	646	645
180	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095
5	1084	1081	1079	1076	1074	1071	1069	1067	1065	1064	1063	1062	1062	1063	1065	1067	1069	1070	1070
10	1060	1055	1050	1044	1040	1035	1030	1026	1022	1019	1017	1015	1014	1016	1019	1023	1026	1030	1029
15	1023	1016	1008	1001	993	985	978	972	966	961	958	955	954	956	960	965	970	974	973
20	975	966	956	946	936	926	917	908	900	894	889	885	884	885	890	896	901	906	905
25	917	906	894	882	870	858	847	837	827	819	813	809	806	808	812	818	824	830	829
30	851	838	824	811	797	784	771	760	749	740	733	728	725	726	731	737	743	749	748
35	778	764	750	735	721	706	693	680	669	659	652	646	643	644	648	654	661	666	665
40	700	686	671	656	641	626	612	600	588	578	571	565	561	562	567	573	579	585	584
45	620	605	590	576	561	546	532	519	508	499	491	485	482	483	487	493	499	505	504
50	538	524	509	495	480	466	453	440	429	421	414	409	406	407	412	417	423	428	428
55	456	443	429	415	401	388	375	364	353	346	339	335	333	334	338	344	350	355	354
60	375	362	349	336	323	311	299	289	280	273	267	263	261	262	267	272	278	283	282
65	296	284	272	260	248	237	226	217	209	202	197	194	192	194	198	204	209	214	213
70	219	207	196	185	175	165	156	148	141	136	132	129	128	130	134	140	145	149	149
75	146	136	126	117	108	99.8	92.6	86.3	81.0	77.0	74.2	72.6	72.2	74.2	78.3	82.9	87.4	91.2	90.6
80	80.2	72.4	65.1	58.2	52.1	46.7	42.1	38.1	34.9	32.3	30.5	29.5	29.4	31.0	34.1	37.4	40.7	43.4	42.9
85	30.7	26.1	22.0	18.7	16.2	14.7	13.7	13.3	13.4	14.1	15.0	16.0	16.9	17.1	16.5	15.8	15.0	14.1	13.7
90	5.54	6.92	0.00	0.00	11.9	12.6	13.2	13.6	13.9	14.1	14.2	14.4	14.6	15.0	15.7	16.4	17.2	17.8	18.3
95	27.1	28.4	30.2	32.2	33.7	34.5	35.2	35.9	36.5	37.2	37.8	38.6	39.4	40.6	42.3	43.7	44.5	44.6	41.6
100	63.7	64.2	65.1	66.4	67.5	68.3	69.1	69.9	70.8	71.6	72.5	73.5	74.6	76.4	78.8	80.8	82.0	82.0	77.5
105	110	110	110	111	111	111	112	112	112	113	114	115	116	118	121	123	124	124	119
110	161	160	161	161	161	160	159	159	158	159	159	160	161	163	166	168	169	170	164
115	212	212	212	212	212	210	209	208	208	207	207	207	208	210	213	215	216	217	211
120	264	264	263	263	263	262	261	260	259	258	258	257	257	259	261	264	265	266	260
125	315	314	314	314	313	312	311	310	309	309	308	307	307	309	311	313	315	315	310
130	363	363	362	362	362	361	360	359	358	358	357	357	356	358	360	363	364	364	359
135	410	409	409	409	408	408	407	406	405	405	404	404	404	406	408	411	412	412	407
140	455	454	453	453	453	452	451	451	450	450	450	450	450	452	454	456	458	458	453
145	496	495	495	495	494	494	493	493	493	492	492	492	492	494	496	499	500	500	495
150	534	533	533	533	532	532	531	531	531	530	530	530	530	532	534	537	538	539	534
155	568	567	566	566	566	565	565	565	565	564	564	564	565	566	568	571	572	572	568
160	596	595	595	594	594	594	594	593	593	593	593	593	594	595	597	599	600	600	597
165	618	618	617	617	617	616	616	616	616	616	616	616	617	618	619	620	621	622	619
170	635	634	634	634	633	633	633	633	633	633	633	633	633	634	635	636	636	636	635
175	645	644	644	644	644	643	643	643	643	643	643	643	643	643	644	644	645	645	644
180	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm		
NAME: L5580D-NW44	TYPE:L5580D-NW44	WEIGHT:
SPEC.:1224*55*80	DIM.: 1224*55*80	SERIAL No.:
MFR.: BLUEVISION	SUR.:1220*50	Shielding Angle:

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095
5	1069	1068	1068	1067	1068	1068	1069	1070	1072	1073	1075	1076	1079	1081	1084	1086	1089	1092	1094
10	1028	1026	1025	1024	1025	1027	1029	1032	1034	1037	1041	1045	1049	1054	1060	1065	1071	1076	1081
15	971	970	968	968	969	972	975	979	984	989	995	1001	1008	1015	1023	1031	1039	1046	1053
20	903	901	899	900	902	906	911	916	922	929	937	945	954	964	975	985	995	1005	1014
25	827	825	823	824	827	832	838	845	853	861	870	880	891	903	916	928	940	951	962
30	746	744	743	744	748	754	760	768	777	786	797	808	821	835	848	862	875	887	899
35	664	662	660	662	666	672	680	688	697	708	719	731	745	759	774	789	803	815	827
40	582	580	579	581	585	591	599	607	617	628	639	652	666	680	695	710	725	738	749
45	503	502	501	502	507	512	519	527	536	547	558	571	585	599	614	629	643	656	667
50	426	425	424	426	429	434	441	448	457	467	478	490	503	518	532	546	560	572	583
55	353	351	350	351	354	359	365	372	380	389	400	411	423	436	450	463	476	488	499
60	281	279	278	279	282	287	292	299	306	314	323	333	344	356	368	381	393	404	415
65	212	210	209	210	213	216	221	227	233	240	248	257	267	278	289	300	311	322	332
70	147	146	144	145	147	150	154	158	164	170	177	184	193	202	212	222	232	242	252
75	89.2	87.6	86.0	85.8	87.3	89.4	92.3	95.9	100	105	110	117	123	131	139	148	156	166	176
80	41.9	40.5	39.2	38.8	39.6	40.9	42.7	45.0	47.7	51.0	54.7	59.0	63.7	68.9	74.6	81.0	88.0	96.8	106
85	13.4	13.2	13.1	12.9	12.7	12.6	12.7	13.2	14.1	15.4	17.1	19.1	21.3	23.7	26.7	30.3	34.7	41.2	48.3
90	18.6	18.9	19.0	19.2	19.3	19.3	19.0	18.6	17.5	16.3	14.8	13.2	11.2	9.07	7.07	5.42	4.29	4.94	6.11
95	37.9	33.9	30.0	27.4	26.3	25.8	25.6	25.6	25.4	25.3	25.3	25.4	25.8	26.3	26.9	27.7	28.7	29.9	31.2
100	72.0	66.1	60.3	56.6	55.1	54.4	54.4	54.9	55.2	55.9	56.8	58.0	59.2	60.7	62.2	63.8	65.5	67.4	69.2
105	113	107	100	96.3	94.7	94.0	94.1	94.9	95.9	97.3	99.1	101	103	105	107	110	112	114	116
110	158	151	145	140	139	139	139	140	142	144	147	150	153	155	158	160	163	165	167
115	205	198	191	187	186	186	187	189	191	194	197	201	204	206	209	212	214	216	219
120	253	246	240	236	235	235	237	239	242	246	249	253	256	259	261	263	265	267	270
125	303	296	289	286	285	285	287	289	292	296	300	303	306	309	311	313	315	317	319
130	352	345	338	335	334	335	337	339	342	345	349	352	355	357	359	361	363	365	367
135	400	393	386	383	382	383	384	387	390	393	396	400	402	404	406	408	409	411	413
140	446	440	433	430	429	430	431	433	435	438	441	444	446	448	450	452	453	455	457
145	489	482	476	473	472	473	474	476	478	481	483	486	488	489	491	492	494	496	497
150	528	522	517	513	513	513	514	516	518	520	522	524	526	527	529	530	531	533	534
155	563	558	553	550	549	550	550	552	553	555	556	558	560	561	562	563	565	566	567
160	593	588	584	582	581	581	582	583	584	585	586	588	589	590	591	592	593	594	595
165	616	613	610	608	607	607	608	608	609	610	611	612	613	614	615	615	616	617	618
170	633	631	629	628	627	627	628	628	628	629	630	630	631	632	632	633	633	634	635
175	643	642	641	641	641	641	641	641	641	642	642	642	643	643	643	644	644	644	645
180	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.60V I:0.2090A P:44.200W PF:0.9640 Freq:50.00Hz Lamp Flux:4454.28x1 lm																	
NAME: L5580D-NW44									TYPE:L5580D-NW44						WEIGHT:		
SPEC.:1224*55*80									DIM.: 1224*55*80						SERIAL No.:		
MFR.: BLUEVISION									SUR.:1220*50						Shielding Angle:		

Table--4

UNIT: cd

C (DEG) γ (DEG)																				
	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355					
0	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095					
5	1097	1099	1101	1103	1105	1107	1108	1109	1110	1110	1110	1109	1108	1106	1104					
10	1085	1090	1094	1098	1101	1104	1106	1108	1108	1108	1107	1105	1103	1099	1095					
15	1060	1066	1072	1077	1081	1085	1087	1089	1089	1089	1087	1084	1080	1074	1068					
20	1022	1030	1037	1042	1047	1051	1053	1054	1054	1053	1050	1046	1040	1033	1024					
25	971	980	987	994	999	1003	1005	1006	1005	1002	998	992	985	976	966					
30	909	918	926	933	939	943	945	945	943	939	934	927	918	908	897					
35	838	847	855	862	868	872	874	873	870	866	859	851	842	831	819					
40	760	769	778	784	790	793	795	794	791	786	779	771	761	750	738					
45	678	687	695	702	707	710	712	710	707	702	696	688	678	667	655					
50	594	603	611	617	622	625	627	626	623	618	612	604	595	585	573					
55	509	517	525	532	537	541	543	542	540	535	530	522	514	504	493					
60	424	433	441	448	454	458	461	460	458	455	450	443	435	426	416					
65	341	350	358	366	372	377	381	381	380	377	372	367	359	351	341					
70	262	271	279	287	294	299	303	304	304	301	298	292	286	278	269					
75	185	195	203	211	218	223	228	229	230	228	225	221	215	208	200					
80	115	124	133	140	147	152	156	159	159	159	157	154	149	143	136					
85	55.8	63.3	70.7	77.5	83.7	89.1	93.4	95.8	96.9	96.8	95.5	93.0	89.4	84.6	78.6					
90	7.64	9.37	10.9	12.3	13.5	14.4	15.2	15.1	14.8	14.4	13.8	13.5	13.4	13.3	13.4					
95	32.6	34.0	35.5	37.1	38.5	39.6	40.5	40.5	40.2	39.7	39.0	38.3	37.6	36.9	36.1					
100	70.9	72.6	74.0	75.2	76.1	76.7	77.0	76.7	76.0	75.2	74.1	73.1	72.0	70.9	69.6					
105	118	120	121	122	123	123	122	121	120	118	117	115	113	112	110					
110	169	171	172	173	173	173	173	171	169	166	163	161	159	157	155					
115	221	222	224	225	225	225	225	223	220	217	214	211	208	206	204					
120	272	274	275	276	277	276	276	274	272	270	267	264	262	259	256					
125	322	323	325	326	326	326	326	324	322	320	318	315	313	310	308					
130	369	371	373	373	374	374	374	372	371	369	366	364	362	359	357					
135	415	417	418	419	420	420	419	418	417	415	413	411	409	406	404					
140	458	460	461	462	463	463	463	462	461	459	457	455	453	451	448					
145	499	500	501	502	503	503	503	503	501	500	498	497	495	493	490					
150	536	537	538	539	540	540	540	539	539	538	536	535	533	531	529					
155	568	570	571	571	572	572	572	572	572	571	570	568	567	565	563					
160	597	597	598	599	599	600	600	600	599	599	598	597	596	594	593					
165	619	620	621	621	622	622	622	622	621	621	621	620	619	618	616					
170	636	636	637	637	637	637	637	637	637	637	636	636	635	635	634					
175	645	646	646	646	647	647	647	647	647	646	646	645	645	645	644					
180	648	648	648	648	648	648	648	648	648	648	648	648	648	648	648					

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:KEVINLI  
Test Date:2018-11-28

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.400  
Humidity:65.0%  
Test Distance:7.403m [K=1.3508]  
Remarks: