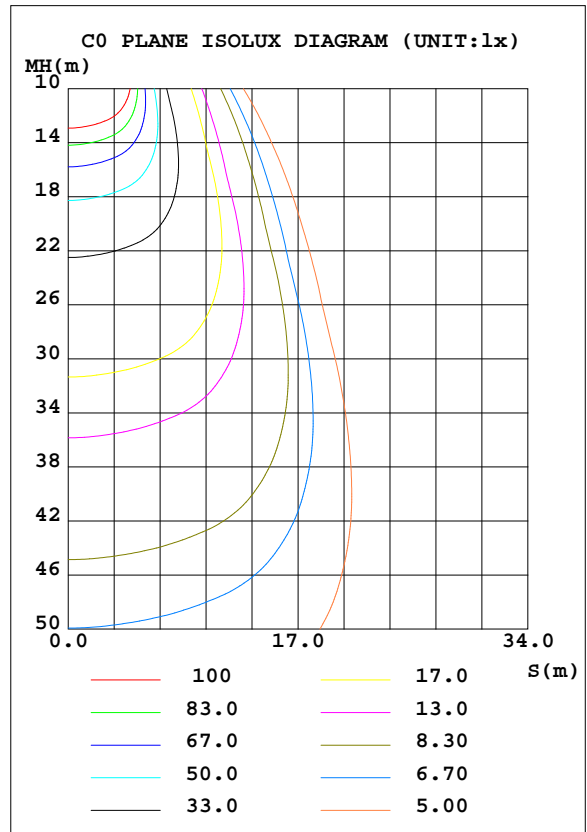
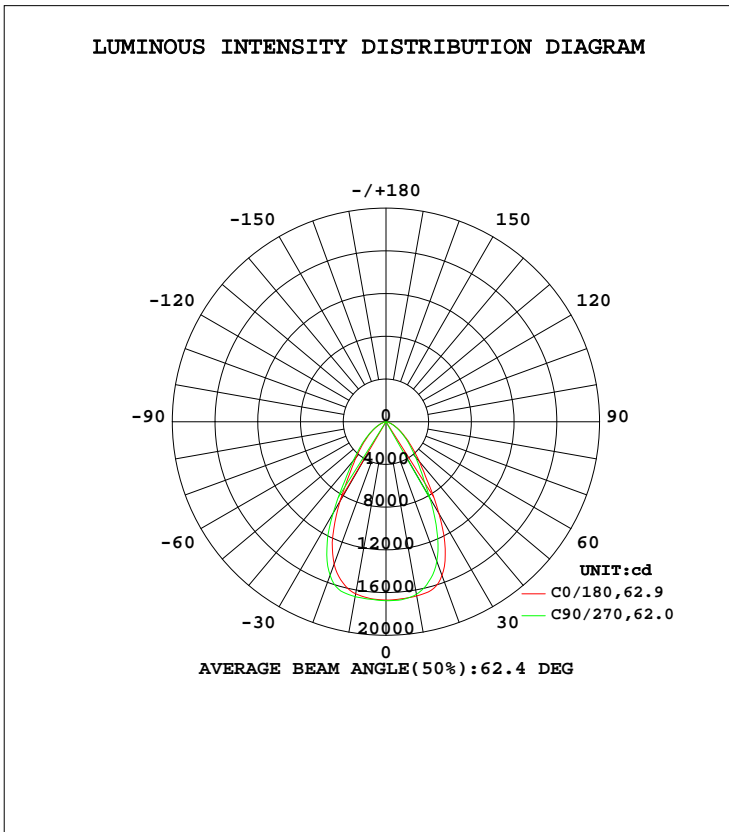


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

DATA OF LAMP		PHOTOMETRIC DATA Eff: 150.50 lm/W			
MODEL	3030	I _{max} (cd)	16810	S/MH(C0/180)	0.91
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	0.95
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	22018	η UP, DN(C0-180)	0.7,48.5
NOMINAL FLUX(lm)	22018.2	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.4,50.4
LAMPS INSIDE	1	η up(%)	1.1	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	98.9	CIBSE SHR MAX	0.95



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1656	1653	1641	1634	1636	1649	1664	1670	0- 10	1587	1587	7.51,7.51
20	1533	1461	1393	1367	1420	1468	1530	1560	10- 20	4463	6050	28.6,28.6
30	993.9	913.6	820.4	799.9	865.3	911.7	993.1	1016	20- 30	5552	11602	54.9,54.9
40	484.9	454.6	429.7	416.0	435.2	457.2	478.1	487.6	30- 40	4023	15625	73.9,73.9
50	257.1	242.2	236.7	229.7	236.6	242.9	253.6	255.9	40- 50	2607	18233	86.2,86.2
60	124.8	117.8	118.1	111.8	116.6	119.4	123.2	125.6	50- 60	1578	19811	93.7,93.7
70	47.39	45.55	45.74	43.01	43.82	45.15	46.88	47.94	60- 70	777.8	20588	97.4,97.4
80	10.65	10.72	10.81	10.44	10.07	10.37	10.86	11.13	70- 80	269.6	20858	98.7,98.7
90	0.4340	0.4395	0.4601	0.4598	0.2283	0.2264	0.2172	0.2154	80- 90	42.86	20901	98.9,98.9
100	0.8997	0.9270	0.9675	0.9778	0.5074	0.4930	0.4759	0.4643	90-100	5.498	20906	98.9,98.9
110	1.761	1.838	1.934	1.967	1.039	0.9907	0.9535	0.9217	100-110	10.91	20917	98.9,98.9
120	3.263	3.417	3.608	3.667	2.034	1.904	1.811	1.741	110-120	19.79	20937	99,99
130	5.350	5.580	5.838	5.920	3.603	3.369	3.226	3.089	120-130	31.72	20969	99.2,99.2
140	7.574	7.836	8.078	8.212	5.454	5.170	5.004	4.797	130-140	42.43	21111	99.4,99.4
150	9.494	9.693	9.833	9.986	7.198	6.970	6.870	6.642	140-150	46.60	21358	99.6,99.6
160	10.89	11.03	11.13	11.16	8.618	8.340	8.366	8.223	150-160	41.82	21700	99.8,99.8
170	11.74	11.72	11.66	11.64	10.49	10.17	10.20	10.08	160-170	29.04	21929	99.9,99.9
180	12.32	12.11	11.93	11.91	12.38	12.06	11.97	11.85	170-180	10.87	22018	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 17790 lm

%lum = 80.8%
%lamp = 80.8%

Conical surface Flux(120deg): 20630 lm

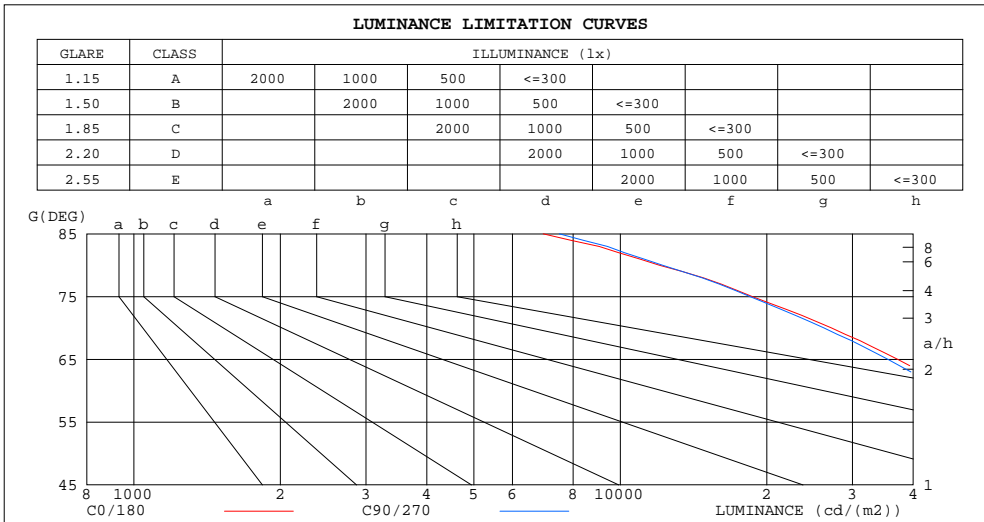
%lum = 93.7%
%lamp = 93.7%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:007
Test Date:2016-08-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:5.560m [K=1.0000]
Remarks: 529-150W-220

LUMINANCE LIMITATION CURVES

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6943	7491
80	12023	12206
75	18673	18482
70	27167	26224
65	37149	35467
60	48951	46317
55	62228	58317
50	78419	72191
45	98086	88881

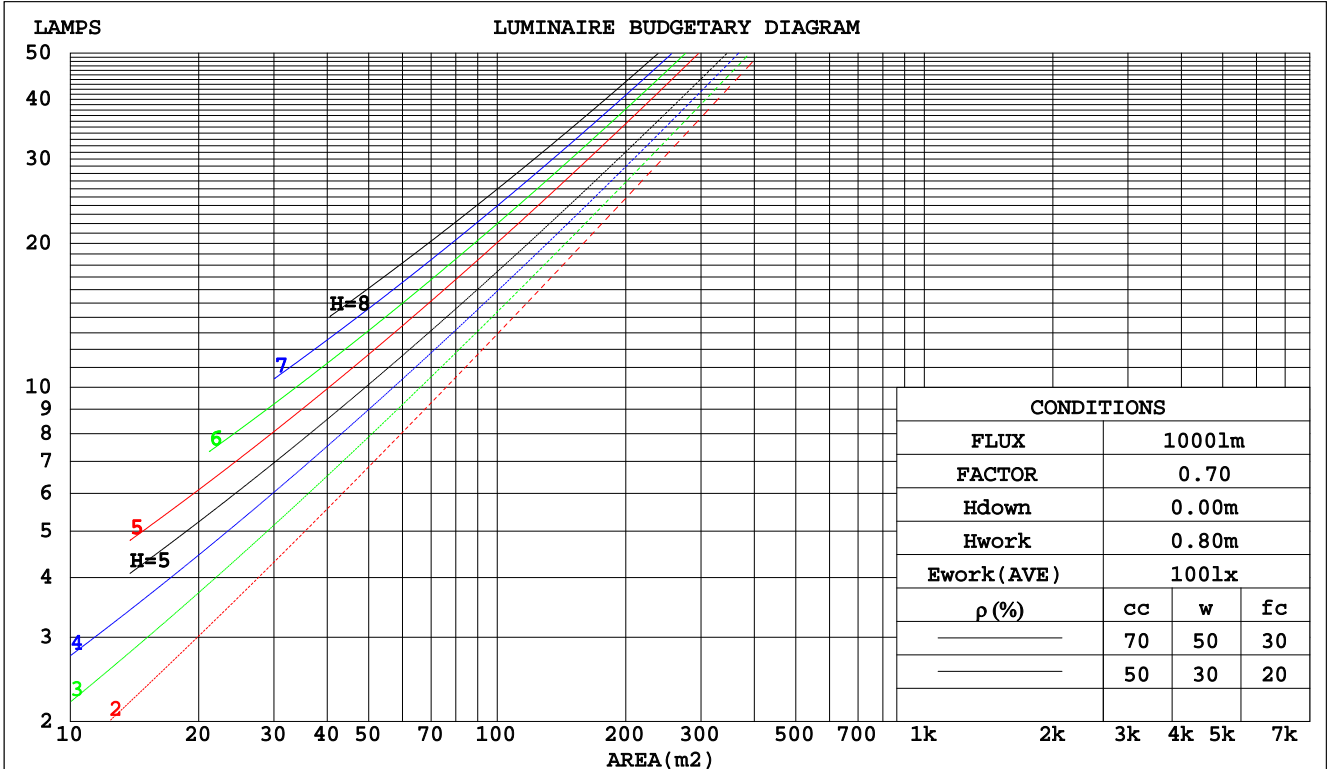
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
pw																0
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	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.09	1.06	1.03	1.06	1.04	1.01	1.02	.99	.98	.98	.96	.95	.94	.93	.92	.90
2.0	.99	.94	.90	.97	.93	.89	.94	.90	.87	.90	.87	.85	.87	.85	.83	.81
3.0	.91	.85	.80	.89	.83	.79	.86	.81	.78	.83	.80	.76	.81	.78	.75	.73
4.0	.83	.77	.71	.82	.76	.71	.79	.74	.70	.77	.73	.69	.75	.71	.68	.66
5.0	.77	.70	.65	.76	.69	.64	.74	.68	.64	.72	.67	.63	.70	.66	.62	.60
6.0	.71	.64	.59	.70	.63	.59	.68	.62	.58	.67	.62	.58	.65	.61	.57	.55
7.0	.66	.59	.54	.65	.58	.54	.64	.58	.53	.62	.57	.53	.61	.56	.53	.51
8.0	.61	.55	.50	.61	.54	.50	.59	.54	.49	.58	.53	.49	.57	.52	.49	.47
9.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.55	.49	.46	.54	.49	.45	.44
10.0	.54	.47	.43	.53	.47	.43	.52	.47	.43	.52	.46	.42	.51	.46	.42	.41



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

WEC AND CCEC

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

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 Coefficients(WEC)									
0.0																
1.0	.214	.122	.039	.207	.118	.038	.194	.111	.035	.181	.105	.034	.170	.099	.032	
2.0	.207	.113	.035	.201	.111	.034	.189	.105	.033	.179	.100	.031	.169	.095	.030	
3.0	.197	.105	.031	.191	.102	.031	.181	.098	.030	.172	.094	.029	.163	.090	.028	
4.0	.186	.097	.028	.181	.095	.028	.172	.091	.027	.164	.088	.027	.157	.085	.026	
5.0	.176	.090	.026	.172	.088	.026	.164	.085	.025	.157	.083	.025	.150	.080	.024	
6.0	.166	.083	.024	.163	.082	.024	.156	.080	.023	.149	.078	.023	.143	.075	.022	
7.0	.157	.078	.022	.154	.077	.022	.148	.075	.022	.142	.073	.021	.137	.071	.021	
8.0	.149	.073	.021	.146	.072	.020	.141	.070	.020	.136	.069	.020	.131	.067	.020	
9.0	.142	.069	.019	.139	.068	.019	.134	.066	.019	.130	.065	.019	.125	.064	.018	
10.0	.135	.065	.018	.133	.064	.018	.128	.063	.018	.124	.062	.018	.120	.060	.017	

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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.182	.166	.151	.156	.142	.130	.107	.098	.090	.061	.057	.052	.020	.018	.017	
2.0	.170	.141	.117	.145	.121	.101	.100	.084	.071	.057	.049	.041	.018	.016	.013	
3.0	.159	.123	.093	.136	.106	.081	.094	.073	.057	.054	.043	.033	.017	.014	.011	
4.0	.150	.108	.077	.129	.094	.067	.089	.065	.047	.051	.038	.028	.016	.012	.009	
5.0	.142	.097	.064	.122	.084	.056	.084	.059	.039	.049	.035	.023	.016	.011	.008	
6.0	.135	.088	.055	.116	.077	.048	.080	.054	.034	.046	.032	.020	.015	.010	.007	
7.0	.129	.081	.048	.111	.070	.042	.076	.049	.029	.044	.029	.018	.014	.010	.006	
8.0	.123	.075	.042	.106	.065	.037	.073	.046	.026	.043	.027	.016	.014	.009	.005	
9.0	.118	.070	.038	.101	.061	.033	.070	.043	.023	.041	.025	.014	.013	.008	.005	
10.0	.113	.066	.034	.097	.057	.030	.067	.040	.021	.039	.024	.013	.013	.008	.004	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

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	14.8	16.0	15.1	16.2	16.4	14.5	15.6	14.7	15.8	16.0
3H	15.1	16.2	15.4	16.4	16.7	14.8	15.8	15.1	16.1	16.3
4H	15.2	16.2	15.5	16.4	16.7	14.8	15.8	15.1	16.1	16.3
6H	15.2	16.1	15.5	16.3	16.6	14.8	15.7	15.1	16.0	16.3
8H	15.1	16.0	15.5	16.3	16.6	14.8	15.7	15.1	16.0	16.2
12H	15.1	15.9	15.4	16.2	16.5	14.7	15.6	15.1	15.9	16.2
4H 2H	14.9	15.9	15.2	16.2	16.4	14.6	15.6	14.9	15.8	16.1
3H	15.3	16.2	15.7	16.5	16.8	15.0	15.9	15.4	16.2	16.5
4H	15.4	16.2	15.8	16.5	16.9	15.1	15.9	15.5	16.2	16.6
6H	15.4	16.1	15.8	16.5	16.8	15.1	15.8	15.5	16.2	16.5
8H	15.4	16.0	15.8	16.4	16.8	15.1	15.7	15.5	16.1	16.5
12H	15.4	15.9	15.8	16.3	16.8	15.1	15.7	15.5	16.0	16.5
8H 4H	15.4	16.0	15.8	16.4	16.8	15.1	15.7	15.5	16.1	16.5
6H	15.4	15.9	15.9	16.3	16.8	15.1	15.6	15.6	16.1	16.5
8H	15.4	15.8	15.9	16.3	16.7	15.1	15.6	15.6	16.0	16.5
12H	15.4	15.7	15.9	16.2	16.7	15.1	15.5	15.6	15.9	16.4
12H 4H	15.3	15.9	15.8	16.3	16.7	15.0	15.6	15.5	16.0	16.4
6H	15.4	15.8	15.8	16.3	16.7	15.1	15.5	15.6	16.0	16.4
8H	15.4	15.7	15.8	16.2	16.7	15.1	15.5	15.6	15.9	16.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 1.3					+ 0.9 / - 1.2				
1.5H	+ 1.1 / - 0.8					+ 0.8 / - 0.6				
2.0H	+ 1.9 / - 1.8					+ 1.7 / - 1.6				

CIE Pub.117, 21139 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 10.6)

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

UTILIZATION FACTORS TABLE

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

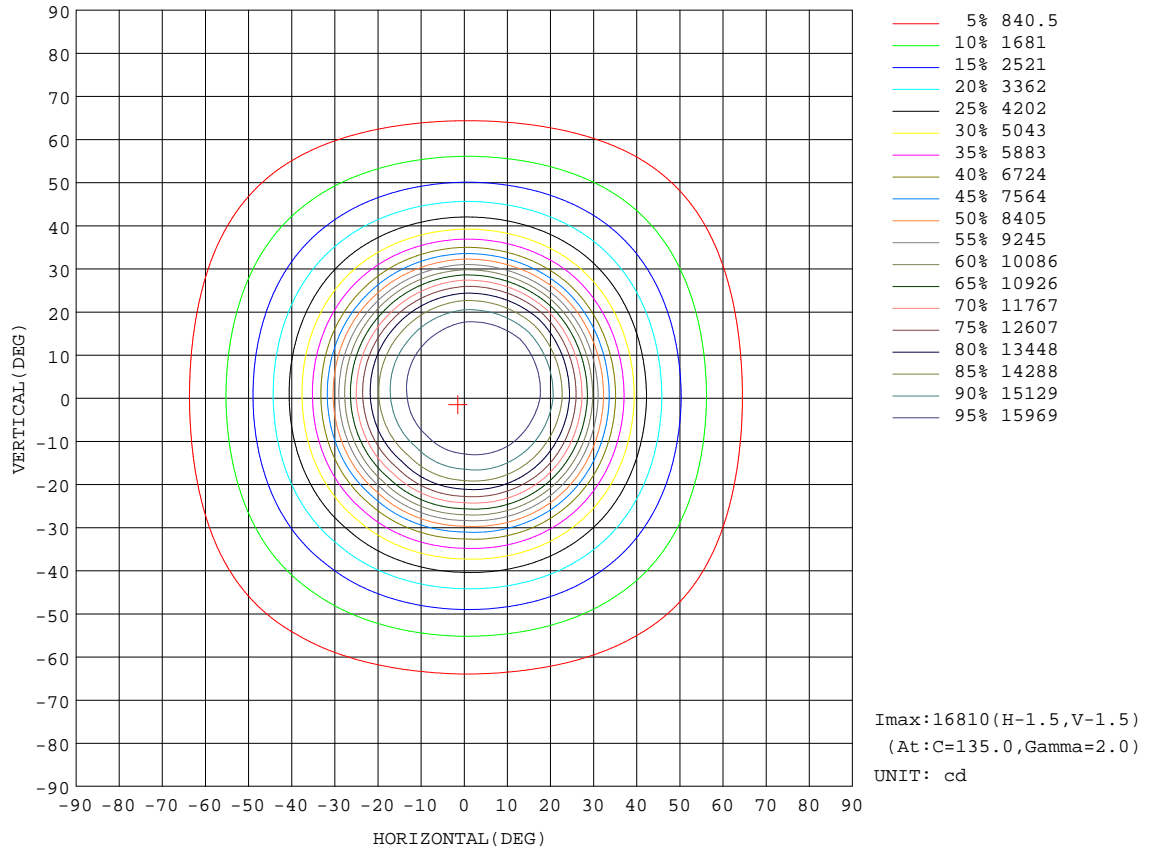
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	75	67	62	74	66	61	73	66	61	57
0.80	84	76	71	83	76	71	82	75	70	65
1.00	90	83	78	89	82	78	87	83	77	72
1.25	96	89	84	95	88	84	92	87	83	77
1.50	100	93	88	98	92	88	95	90	87	81
2.00	104	98	94	102	97	93	99	95	92	85
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	103	99	97	89
4.00	111	107	104	109	106	103	105	102	100	92
5.00	113	110	107	110	108	105	106	104	102	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

ISOCANDELA DIAGRAM

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120



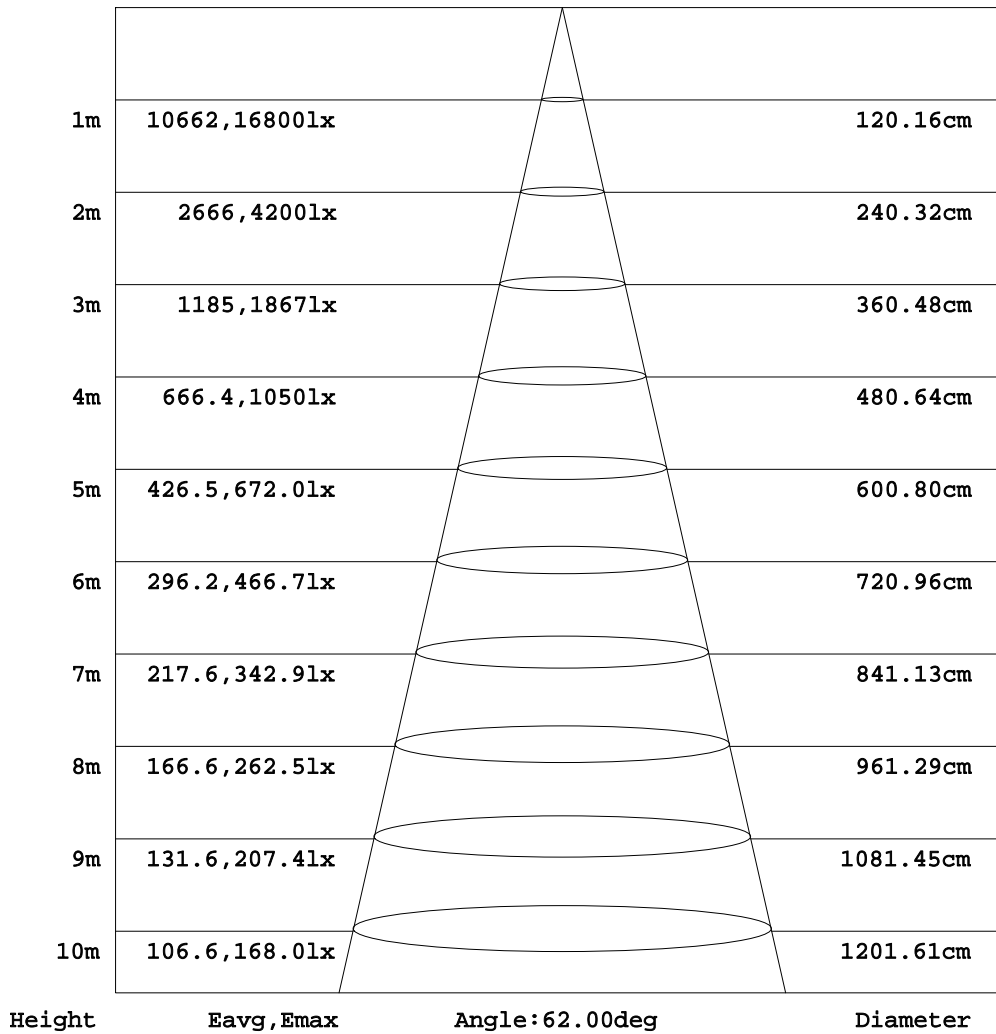
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

AAI Figure

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

Flux out:12093 lm



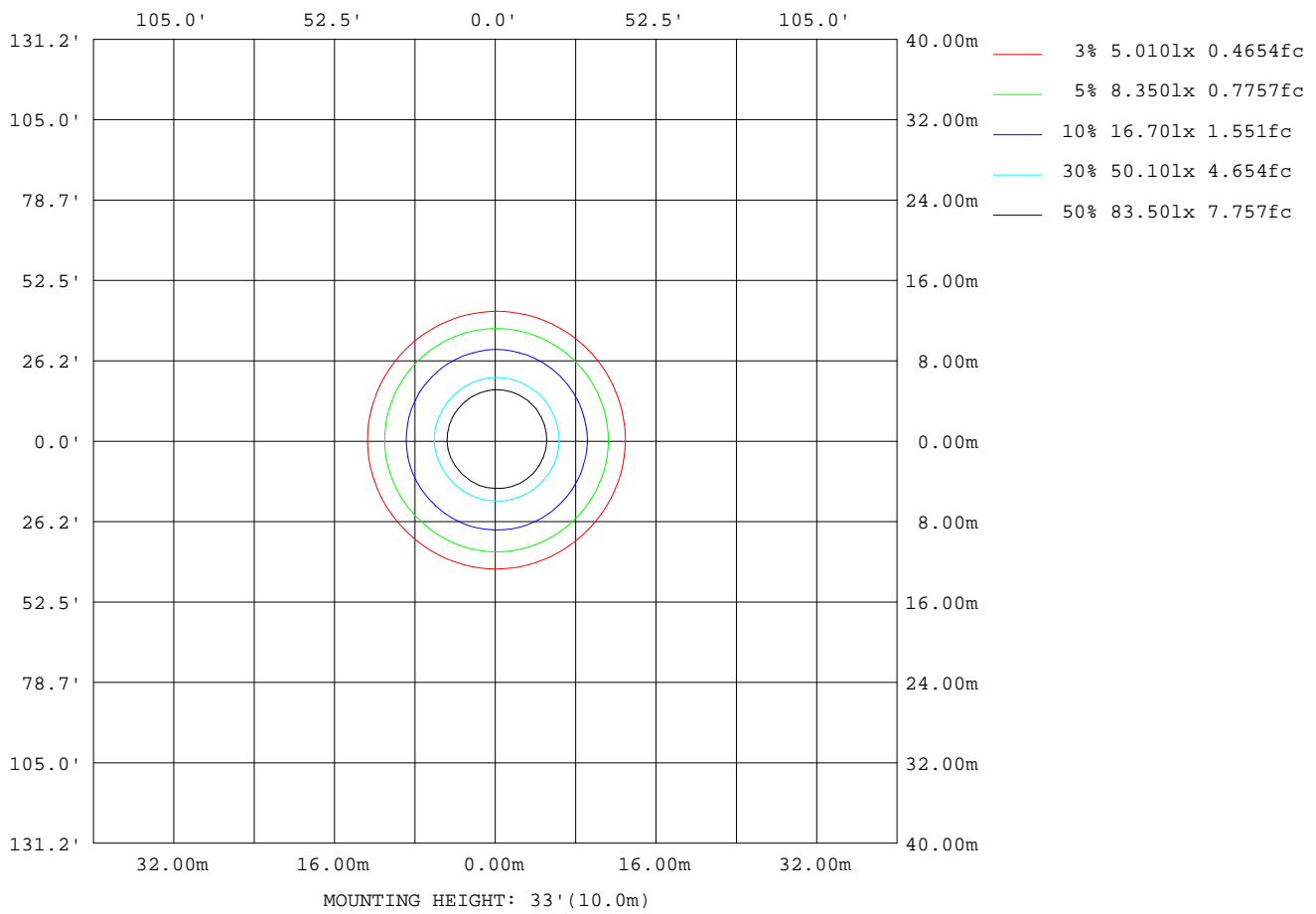
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

ISOLUX DIAGRAM

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

LED Avg.L Report

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

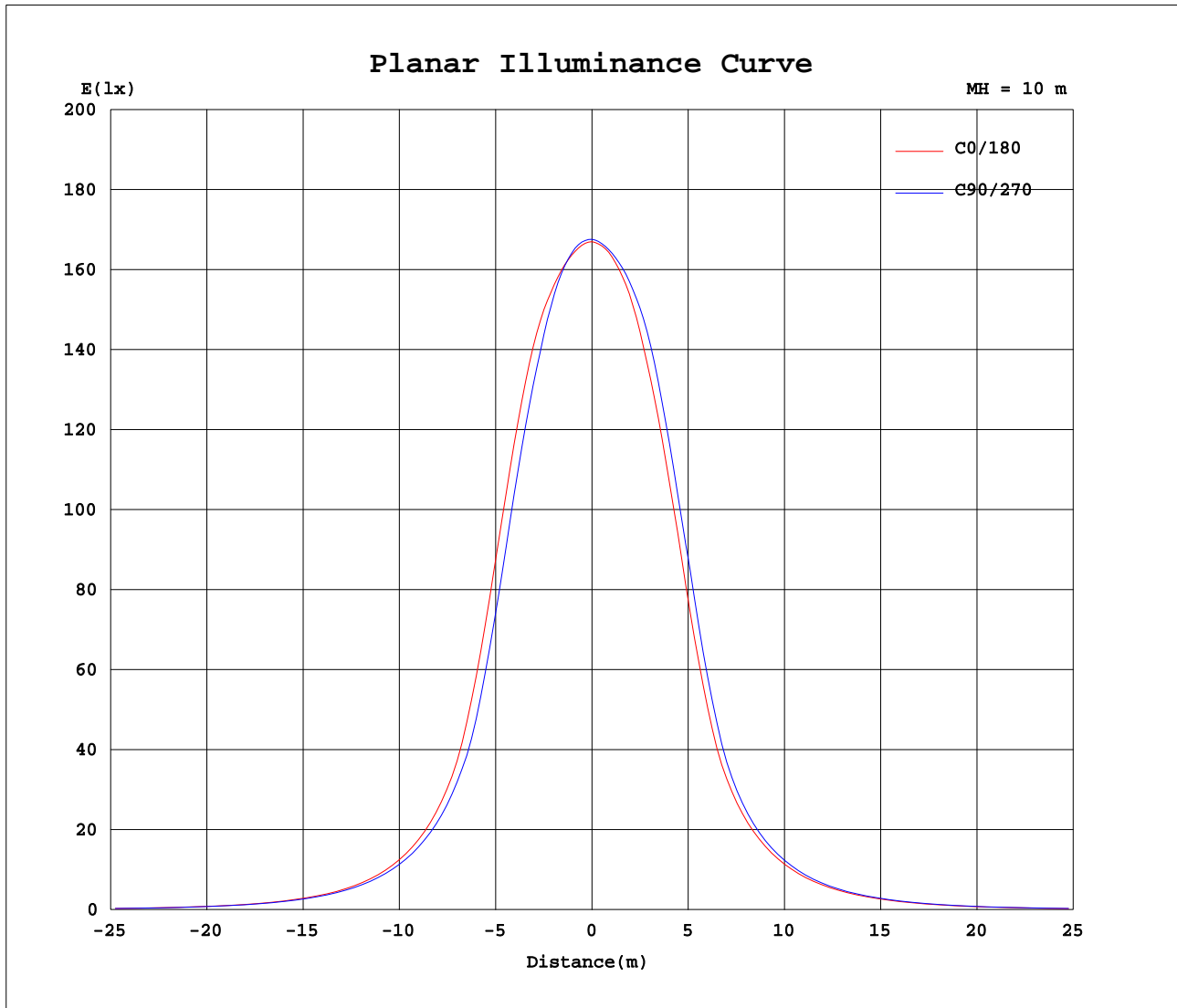
AvgL	cd/m2
L_0~180(65)av	35836
L_0~180(75)av	18119
L_0~180(85)av	6979
L_90~270(65)av	36076
L_90~270(75)av	18634
L_90~270(85)av	7464
L_45(65)av	35432
L_45(75)av	18274
L_45(85)av	7341

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 007
 Test Date: 2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 5.560m [K=1.0000]
 Remarks: 529-150W-220

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.6840A P:146.3W PF:0.9720 Freq:50.00Hz Lamp Flux:22018.2x1 lm		
NAME:	TYPE:LED	WEIGHT:3.8KG
SPEC.:HBL-150	DIM.: 300*300*190	SERIAL No.:
MFR.:	SUR.:0.1275*0.1275*3.14	Shielding Angle:120

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	45	90	135	180	225	270	315											
0	1670	1672	1676	1680	1670	1672	1676	1680											
5	1664	1669	1673	1676	1662	1665	1669	1674											
10	1656	1653	1641	1634	1636	1649	1664	1670											
15	1634	1599	1549	1534	1561	1601	1640	1655											
20	1533	1461	1393	1367	1420	1468	1530	1560											
25	1313	1232	1130	1108	1178	1231	1310	1345											
30	994	914	820	800	865	912	993	1016											
35	676	628	581	568	595	628	671	685											
40	485	455	430	416	435	457	478	488											
45	354	334	321	310	322	335	350	353											
50	257	242	237	230	237	243	254	256											
55	182	172	171	163	171	173	182	184											
60	125	118	118	112	117	119	123	126											
65	80.1	76.3	76.4	72.0	74.4	76.4	79.1	80.8											
70	47.4	45.5	45.7	43.0	43.8	45.2	46.9	47.9											
75	24.6	24.1	24.4	23.2	23.2	23.9	24.8	25.4											
80	10.6	10.7	10.8	10.4	10.1	10.4	10.9	11.1											
85	3.09	3.25	3.33	3.39	3.12	3.14	3.31	3.28											
90	0.43	0.44	0.46	0.46	0.23	0.23	0.22	0.22											
95	0.63	0.65	0.67	0.68	0.34	0.34	0.32	0.32											
100	0.90	0.93	0.97	0.98	0.51	0.49	0.48	0.46											
105	1.26	1.31	1.37	1.39	0.73	0.70	0.68	0.66											
110	1.76	1.84	1.93	1.97	1.04	0.99	0.95	0.92											
115	2.43	2.54	2.68	2.73	1.46	1.38	1.32	1.27											
120	3.26	3.42	3.61	3.67	2.03	1.90	1.81	1.74											
125	4.26	4.45	4.69	4.75	2.76	2.58	2.46	2.35											
130	5.35	5.58	5.84	5.92	3.60	3.37	3.23	3.09											
135	6.47	6.72	6.99	7.09	4.52	4.26	4.09	3.92											
140	7.57	7.84	8.08	8.21	5.45	5.17	5.00	4.80											
145	8.60	8.84	9.04	9.20	6.35	6.09	5.95	5.73											
150	9.49	9.69	9.83	9.99	7.20	6.97	6.87	6.64											
155	10.2	10.4	10.5	10.6	8.00	7.79	7.69	7.49											
160	10.9	11.0	11.1	11.2	8.62	8.34	8.37	8.22											
165	11.3	11.4	11.4	11.4	9.46	9.14	9.20	9.08											
170	11.7	11.7	11.7	11.6	10.5	10.2	10.2	10.1											
175	12.1	12.0	11.8	11.9	11.5	11.1	11.1	11.0											
180	12.3	12.1	11.9	11.9	12.4	12.1	12.0	11.8											

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:007
 Test Date:2016-08-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:5.560m [K=1.0000]
 Remarks: 529-150W-220