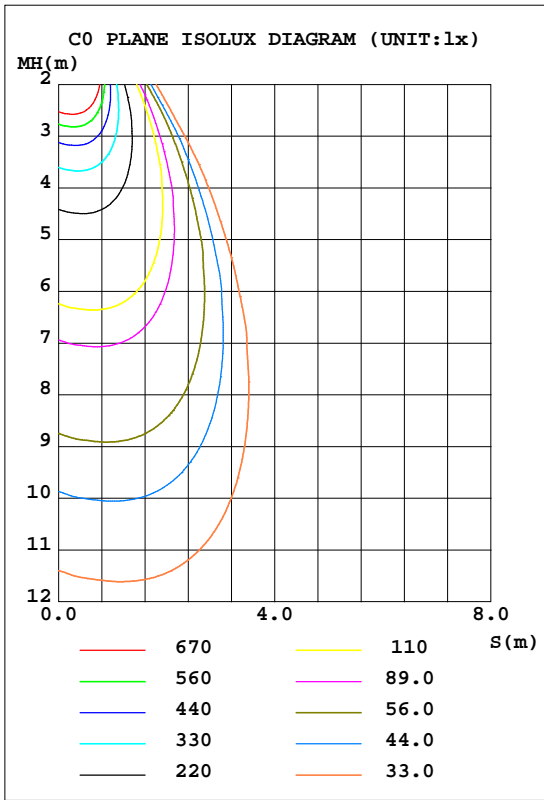
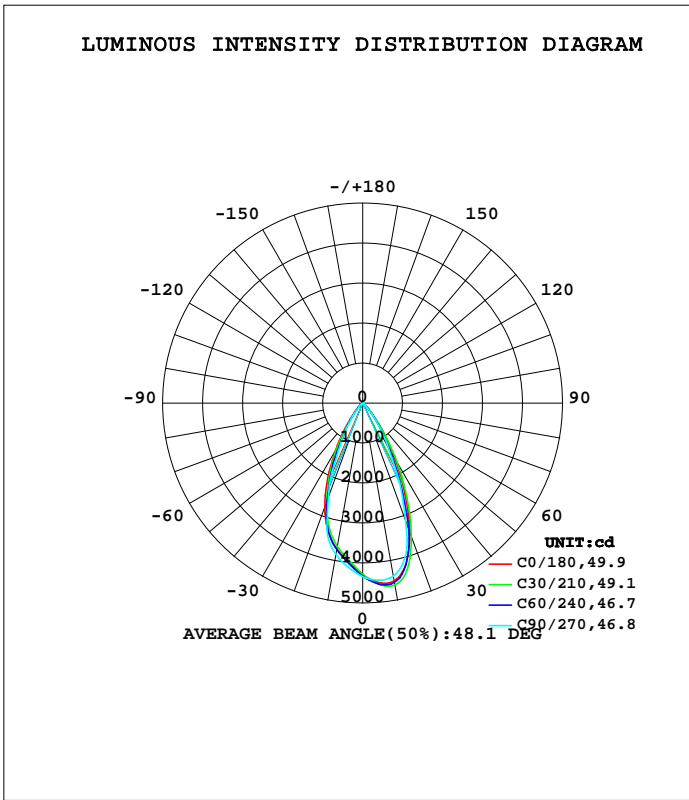


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 74.70 lm/W
MODEL		I <sub>max</sub> (cd)	4630	S/MH(C0/180)		0.77
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)		0.69
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	3073.9	η UP, DN(C0-180)		0.0,54.5
NOMINAL FLUX(lm)	3073.91	CIE CLASS	DIRECT	η UP, DN(C180-360)		0.0,45.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM		0.75
TEST VOLTAGE(V)	--	η down(%)	100.0	CIBSE SHR MAX		0.75



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-10-20

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

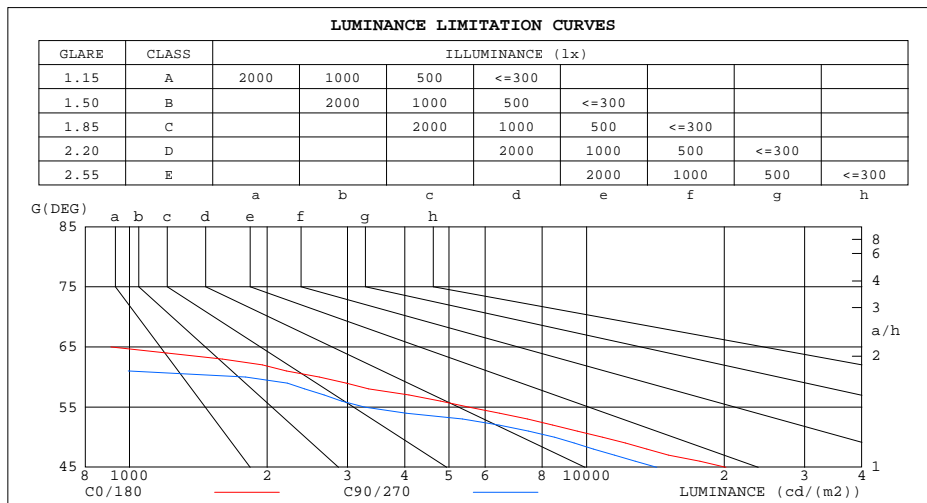
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	\$lum,lamp
10	4517	4603	4395	4041	3712	3662	3849	4130	0- 10	402.3	402.3	13.1,13.1
20	3444	3481	3143	3128	2775	2669	2523	2881	10- 20	1022	1424	46.3,46.3
30	1637	1501	1292	1531	1358	1203	1030	1171	20- 30	971.0	2395	77.9,77.9
40	432.7	397.3	353.0	442.2	371.9	340.6	292.6	309.7	30- 40	486.9	2882	93.8,93.8
50	104.5	86.45	82.14	104.4	101.4	83.95	72.46	68.18	40- 50	147.9	3030	98.6,98.6
60	19.52	16.03	13.47	20.59	18.98	17.29	11.06	13.12	50- 60	37.43	3067	99.8,99.8
70	0.7152	1.139	1.470	1.219	0.5971	1.113	1.166	1.023	60- 70	5.407	3073	100,100
80	0.2666	0.4835	0.8739	0.4654	0.2008	0.4379	0.6646	0.4600	70- 80	0.7323	3074	100,100
90	0.0417	0.0581	0.0342	0.0536	0.1042	0.1087	0.0774	0.1020	80- 90	0.3097	3074	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-10-20

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	109	213
80	102	335
75	96	303
70	139	287
65	911	335
60	2602	1796
55	5527	3275
50	10843	8519
45	20184	14233

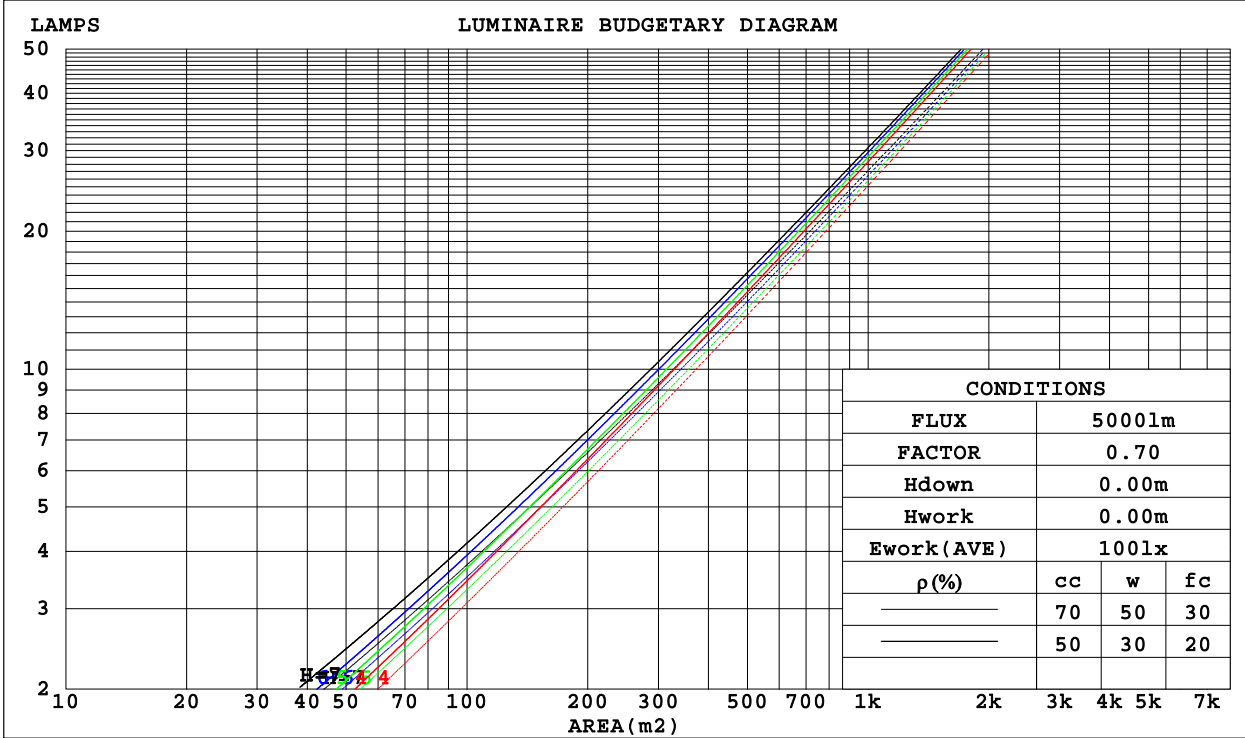
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-10-20

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91lx1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	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	1.19	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	1.11	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	1.00	.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	.86	.89	.86	.84	.83
4.0	.92	.86	.82	.90	.86	.82	.88	.84	.81	.86	.83	.80	.84	.82	.79	.78
5.0	.86	.81	.77	.85	.80	.76	.84	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.81	.76	.72	.81	.75	.71	.79	.74	.71	.78	.74	.70	.76	.73	.70	.69
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.65
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.61
9.0	.69	.64	.60	.69	.63	.60	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
10.0	.66	.60	.57	.65	.60	.57	.65	.60	.56	.64	.59	.56	.63	.59	.56	.55



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-10-20

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	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	.170	.097	.031	.163	.093	.030	.151	.086	.028	.139	.080	.026	.128	.074	.024	
2.0	.162	.089	.027	.156	.086	.027	.146	.081	.025	.136	.076	.024	.127	.072	.023	
3.0	.154	.082	.025	.149	.080	.024	.141	.076	.023	.132	.072	.022	.125	.069	.021	
4.0	.147	.076	.022	.143	.075	.022	.135	.072	.021	.128	.069	.021	.121	.066	.020	
5.0	.140	.071	.021	.136	.070	.020	.130	.068	.020	.123	.065	.019	.118	.063	.019	
6.0	.134	.067	.019	.130	.066	.019	.125	.064	.019	.119	.062	.018	.114	.060	.018	
7.0	.128	.063	.018	.125	.062	.018	.120	.061	.017	.115	.059	.017	.110	.057	.017	
8.0	.122	.060	.017	.120	.059	.017	.115	.058	.016	.111	.056	.016	.107	.055	.016	
9.0	.117	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	.103	.053	.015	
10.0	.113	.054	.015	.111	.053	.015	.107	.052	.015	.103	.051	.015	.100	.050	.014	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.132	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.061	.105	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.109	.070	.043	.093	.061	.037	.065	.043	.026	.037	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.089	.055	.032	.061	.039	.023	.036	.023	.014	.012	.007	.004	
9.0	.098	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.056	.033	.017	.032	.020	.010	.011	.006	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-10-20

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm										
NAME: BL-D1401245					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:138mm			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	18.8	19.7	19.0	19.9	20.0	17.2	18.1	17.4	18.3	18.4
3H	18.6	19.5	18.9	19.7	19.9	17.0	17.9	17.3	18.1	18.3
4H	18.6	19.3	18.8	19.6	19.8	16.9	17.7	17.2	17.9	18.2
6H	18.5	19.2	18.8	19.4	19.7	16.9	17.6	17.1	17.8	18.1
8H	18.4	19.1	18.7	19.4	19.6	16.8	17.5	17.1	17.8	18.0
12H	18.4	19.1	18.7	19.3	19.6	16.8	17.4	17.1	17.7	18.0
4H 2H	18.6	19.3	18.8	19.6	19.8	17.0	17.7	17.2	18.0	18.2
3H	18.4	19.1	18.7	19.3	19.6	16.8	17.5	17.1	17.7	18.0
4H	18.3	18.9	18.6	19.2	19.5	16.7	17.3	17.0	17.6	17.9
6H	18.2	18.7	18.6	19.1	19.4	16.6	17.1	17.0	17.5	17.8
8H	18.1	18.6	18.5	19.0	19.4	16.5	17.0	16.9	17.4	17.8
12H	18.1	18.6	18.5	18.9	19.3	16.5	16.9	16.9	17.3	17.7
8H 4H	18.1	18.6	18.5	19.0	19.4	16.5	17.0	16.9	17.4	17.8
6H	18.0	18.5	18.5	18.8	19.3	16.4	16.8	16.9	17.2	17.7
8H	18.0	18.4	18.4	18.8	19.2	16.4	16.7	16.8	17.2	17.6
12H	17.9	18.2	18.4	18.7	19.2	16.3	16.6	16.8	17.1	17.5
12H 4H	18.1	18.6	18.5	18.9	19.3	16.5	16.9	16.9	17.3	17.7
6H	18.0	18.4	18.4	18.8	19.2	16.4	16.7	16.8	17.2	17.6
8H	17.9	18.2	18.4	18.7	19.2	16.3	16.6	16.8	17.1	17.5
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -11.0					+ 3.1 / -12.4				
1.5H	+ 5.0 / - 8.5					+ 5.2 / - 8.0				
2.0H	+ 6.0 / -11.4					+ 5.6 / -11.4				

CIE Pub.117, 3074 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.9)  
Area: 0.015 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2021-10-20

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.000m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	Shielding Angle:

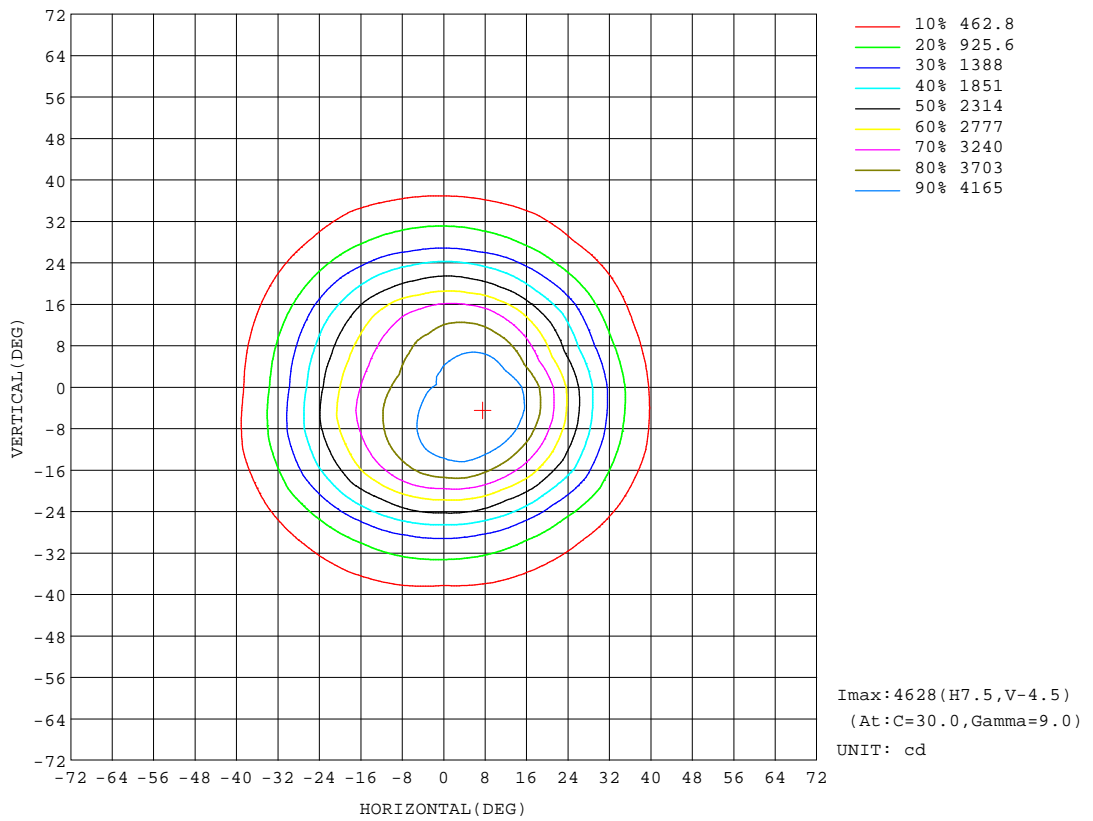
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	88	81	77	87	81	77	86	81	77	74
0.80	95	89	86	94	89	85	93	88	85	81
1.00	100	94	90	99	94	90	97	93	90	86
1.25	104	98	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	99
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:DAMIN  
 Test Date:2021-10-20

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-10-20

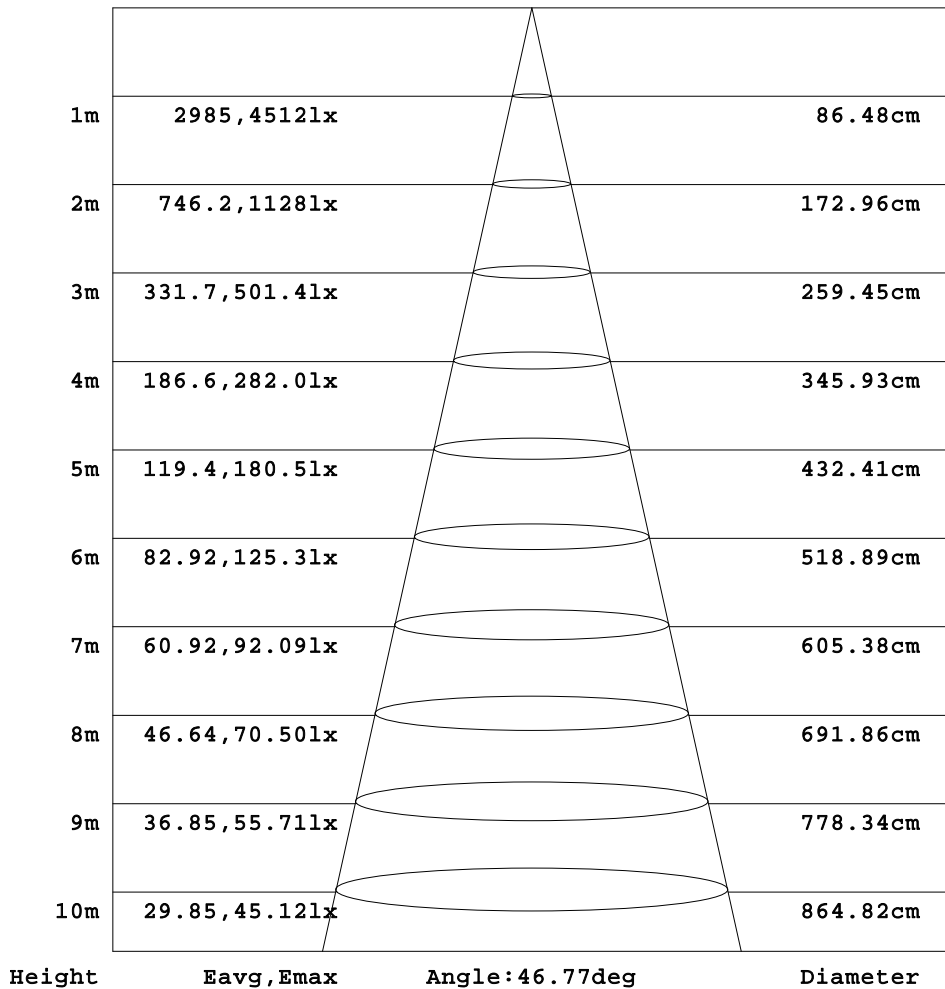
γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	Shielding Angle:

Flux out:1859 lm



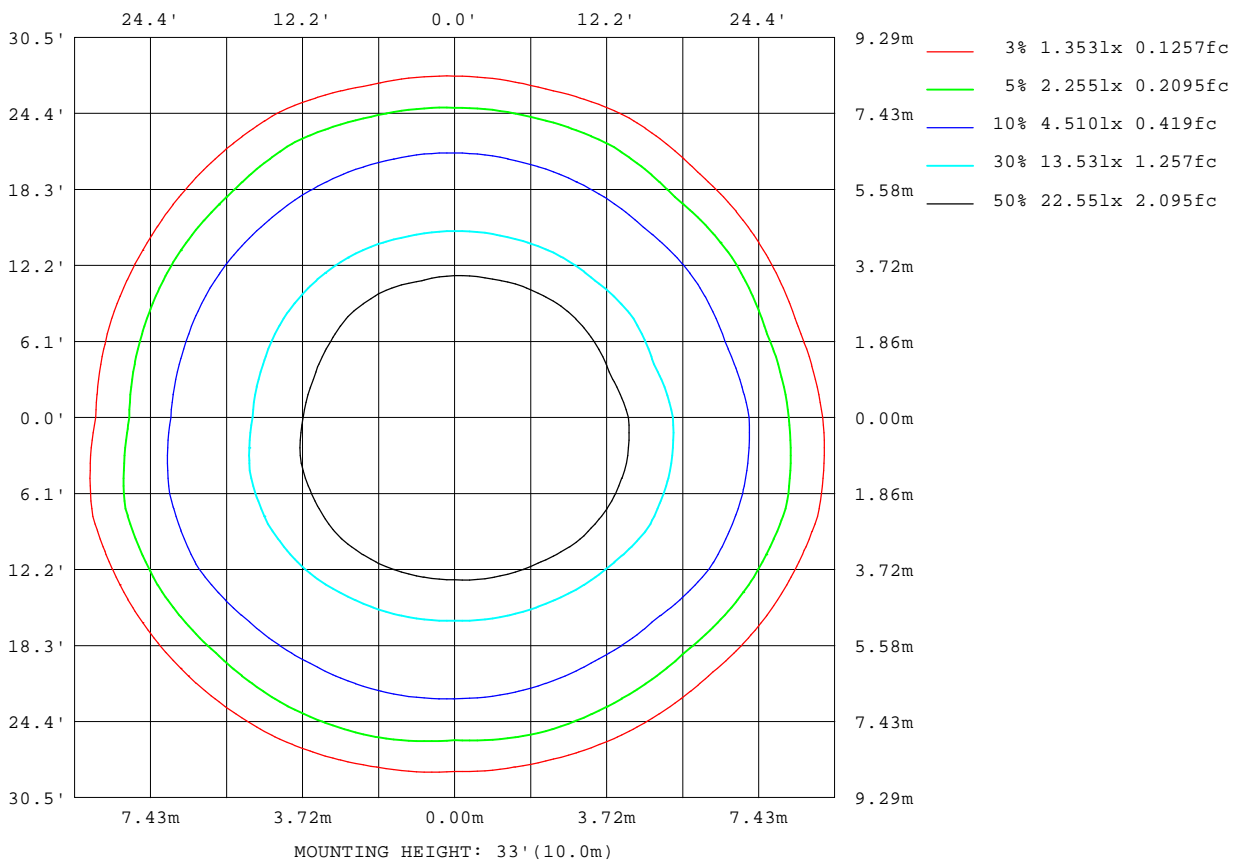
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-10-20

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-10-20

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	Shielding Angle:

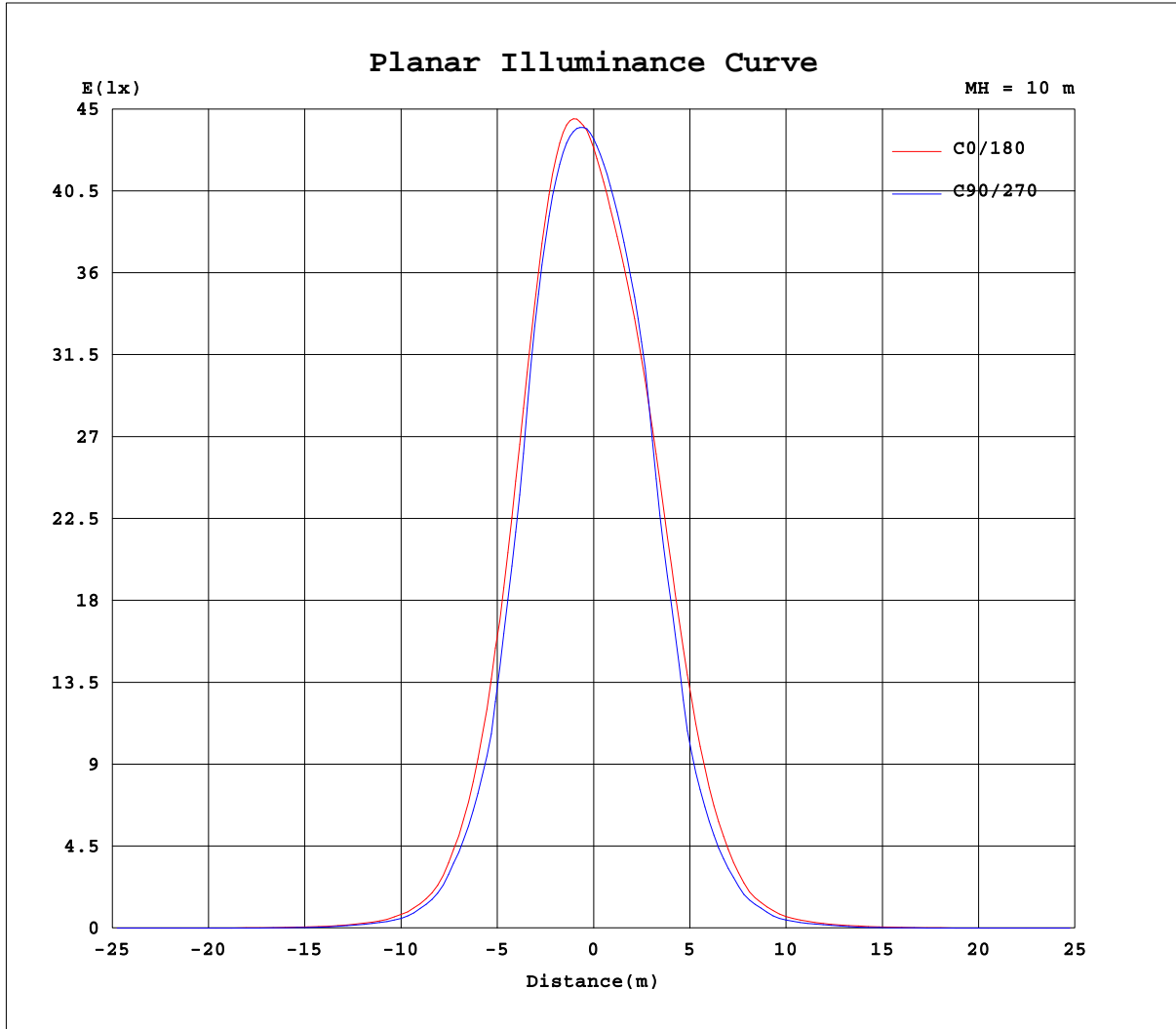
AvgL	cd/m2
L_0~180(65)av	916
L_0~180(75)av	85
L_0~180(85)av	104
L_90~270(65)av	311
L_90~270(75)av	269
L_90~270(85)av	312
L_45(65)av	747
L_45(75)av	160
L_45(85)av	252

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2021-10-20

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2021-10-20

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 9.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	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	4286	4252	4274	4292	4327	4310	4337	4332	4327	4321	4311	4303	4286	4252	4274	4292	4327	4310	4337
5	4498	4524	4541	4554	4539	4497	4446	4387	4303	4222	4139	4070	4001	3938	3950	3971	4027	4047	4126
10	4517	4593	4621	4603	4557	4494	4395	4304	4171	4041	3914	3813	3712	3636	3640	3662	3723	3754	3849
15	4173	4301	4309	4257	4187	4153	4043	3961	3834	3712	3584	3481	3339	3246	3236	3265	3318	3338	3417
20	3444	3573	3566	3481	3385	3264	3143	3181	3191	3128	3033	2959	2775	2658	2635	2669	2599	2497	2523
25	2516	2643	2646	2514	2277	2240	2177	2221	2242	2383	2335	2274	2064	1981	1960	1900	1828	1730	1683
30	1637	1732	1757	1501	1347	1296	1292	1314	1388	1531	1625	1565	1358	1313	1284	1203	1073	1042	1030
35	926	988	973	797	757	758	761	785	803	858	965	933	788	725	691	653	638	610	598
40	433	504	463	397	388	365	353	386	431	442	482	487	372	371	353	341	344	299	293
45	214	225	205	193	175	153	151	164	200	223	219	226	181	176	157	177	163	130	129
50	105	105	84.6	86.4	76.1	80.3	82.1	86.3	86.7	104	90.8	113	101	86.9	75.0	83.9	75.3	72.0	72.5
55	47.6	51.2	43.0	31.2	37.0	30.7	28.2	33.0	44.2	41.7	49.0	59.6	50.9	46.9	39.2	32.8	37.4	27.9	24.6
60	19.5	17.0	19.2	16.0	11.7	14.6	13.5	15.5	14.5	20.6	24.4	23.4	19.0	17.3	17.0	17.3	11.9	13.6	11.1
65	5.77	6.78	6.01	4.22	2.33	1.98	2.13	2.02	2.83	6.60	7.24	9.00	5.84	5.68	5.33	4.68	2.24	1.78	1.82
70	0.72	0.82	1.11	1.14	1.15	1.34	1.47	1.32	1.17	1.22	1.72	0.97	0.60	0.68	0.92	1.11	1.01	1.09	1.17
75	0.37	0.44	0.56	0.66	0.84	1.06	1.18	1.06	0.83	0.64	0.54	0.39	0.29	0.34	0.45	0.57	0.72	0.85	0.91
80	0.27	0.31	0.39	0.48	0.63	0.79	0.87	0.78	0.62	0.47	0.34	0.25	0.20	0.25	0.33	0.44	0.54	0.63	0.66
85	0.14	0.18	0.24	0.33	0.47	0.48	0.28	0.26	0.42	0.32	0.23	0.16	0.13	0.19	0.26	0.34	0.43	0.51	0.54
90	0.04	0.11	0.20	0.06	0.03	0.03	0.03	0.03	0.03	0.05	0.21	0.13	0.10	0.18	0.27	0.11	0.09	0.08	0.08

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 Test Date:2021-10-20

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
 Humidity:65.0%  
 Test Distance:9.000m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.48V I:0.1941A P:41.150W PF:0.9574 Freq:50.00Hz Lamp Flux:3073.91x1 lm		
NAME: BL-D1401245	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:138mm	Shielding Angle:

Table--2 UNIT: cd

C( DEG) γ (DEG)	285	300	315	330	345															
0	4332	4327	4321	4311	4303															
5	4182	4248	4313	4379	4423															
10	3930	4030	4130	4238	4321															
15	3475	3561	3643	3759	3860															
20	2560	2697	2881	2985	3075															
25	1729	1844	1940	2136	2188															
30	1026	1052	1171	1343	1394															
35	592	606	613	696	746															
40	288	317	310	341	363															
45	124	146	152	144	167															
50	67.8	66.8	68.2	66.6	77.3															
55	26.2	31.9	26.6	32.3	38.2															
60	12.5	9.69	13.1	13.1	12.5															
65	1.69	2.07	3.44	4.57	4.22															
70	1.06	0.99	1.02	0.90	0.75															
75	0.83	0.72	0.61	0.51	0.43															
80	0.61	0.54	0.46	0.39	0.33															
85	0.49	0.41	0.33	0.26	0.21															
90	0.08	0.09	0.10	0.25	0.17															

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