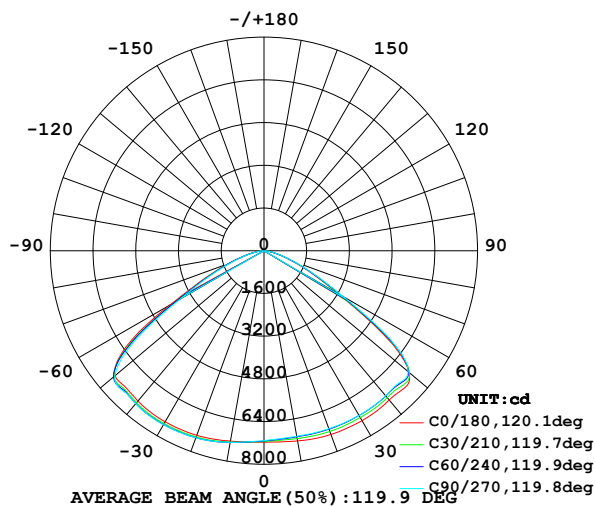


## LUMINAIRE PHOTOMETRIC TEST REPORT

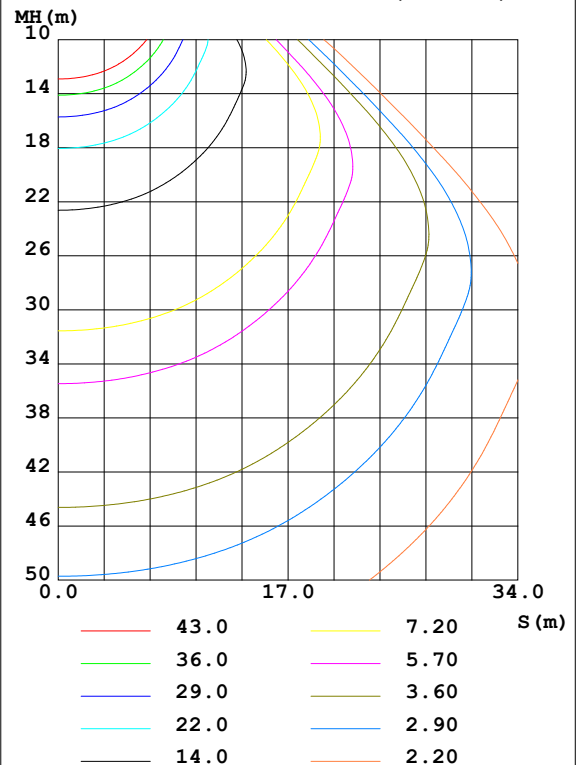
Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm		
NAME: 280-HB77-150W	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\varnothing 280 \times 166\text{MM}$	SERIAL No.:1
MFR.:	SUR.: $\varnothing 225\text{MM}$	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 158.86 lm/W			
MODEL	280-HB77-150W	I <sub>max</sub> (cd)	7530	S/MH (C0/180)	1.57
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.61
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	24686	$\eta$ UP, DN (C0-180)	0.3, 48.7
NOMINAL FLUX (lm)	24685.8	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.3, 50.7
LAMPS INSIDE	1	$\eta$ up (%)	0.6	CIBSE SHR NOM	1.75
TEST VOLTAGE (V)	220	$\eta$ down (%)	99.4	CIBSE SHR MAX	1.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity: 65.0%  
 Test Distance: 11.710m [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	7232	7109	7054	7092	7239	7282	7286	7240	0- 10	683.1	683.1	2.77,2.77
20	7325	7158	7095	7180	7357	7438	7454	7395	10- 20	2056	2739	11.1,11.1
30	7347	7169	7121	7236	7399	7498	7525	7472	20- 30	3391	6130	24.8,24.8
40	7298	7140	7092	7219	7347	7452	7475	7426	30- 40	4610	10740	43.5,43.5
50	7089	7087	7052	7112	7283	7347	7297	7071	40- 50	5641	16381	66.4,66.4
60	3202	3270	3396	3733	4088	3848	3638	3301	50- 60	5028	21410	86.7,86.7
70	1123	1155	1188	1286	1443	1398	1332	1194	60- 70	2199	23609	95.6,95.6
80	278.8	282.2	290.4	334.7	388.8	378.2	364.3	316.6	70- 80	761.0	24370	98.7,98.7
90	26.31	26.16	26.63	31.87	44.70	42.46	40.41	36.95	80- 90	156.4	24527	99.4,99.4
100	23.28	23.16	23.05	23.09	28.70	27.86	27.22	26.65	90-100	30.13	24557	99.5,99.5
110	22.72	22.62	22.50	22.43	25.08	24.62	24.26	24.11	100-110	25.57	24582	99.6,99.6
120	23.20	23.15	23.05	22.88	24.70	24.32	24.09	24.01	110-120	23.33	24606	99.7,99.7
130	23.58	23.63	23.64	23.48	24.73	24.53	24.41	24.29	120-130	21.38	24627	99.8,99.8
140	23.96	23.99	23.97	23.79	25.71	25.62	25.51	25.41	130-140	18.82	24646	99.8,99.8
150	25.40	25.32	25.20	24.92	27.54	27.41	27.32	27.31	140-150	15.97	24662	99.9,99.9
160	28.42	28.24	28.00	27.62	29.57	29.41	29.32	29.32	150-160	12.66	24674	100,100
170	31.42	31.20	30.96	30.58	31.26	31.08	30.95	30.97	160-170	8.450	24683	100,100
180	31.68	31.53	31.33	31.19	31.76	31.52	31.29	31.20	170-180	2.991	24686	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

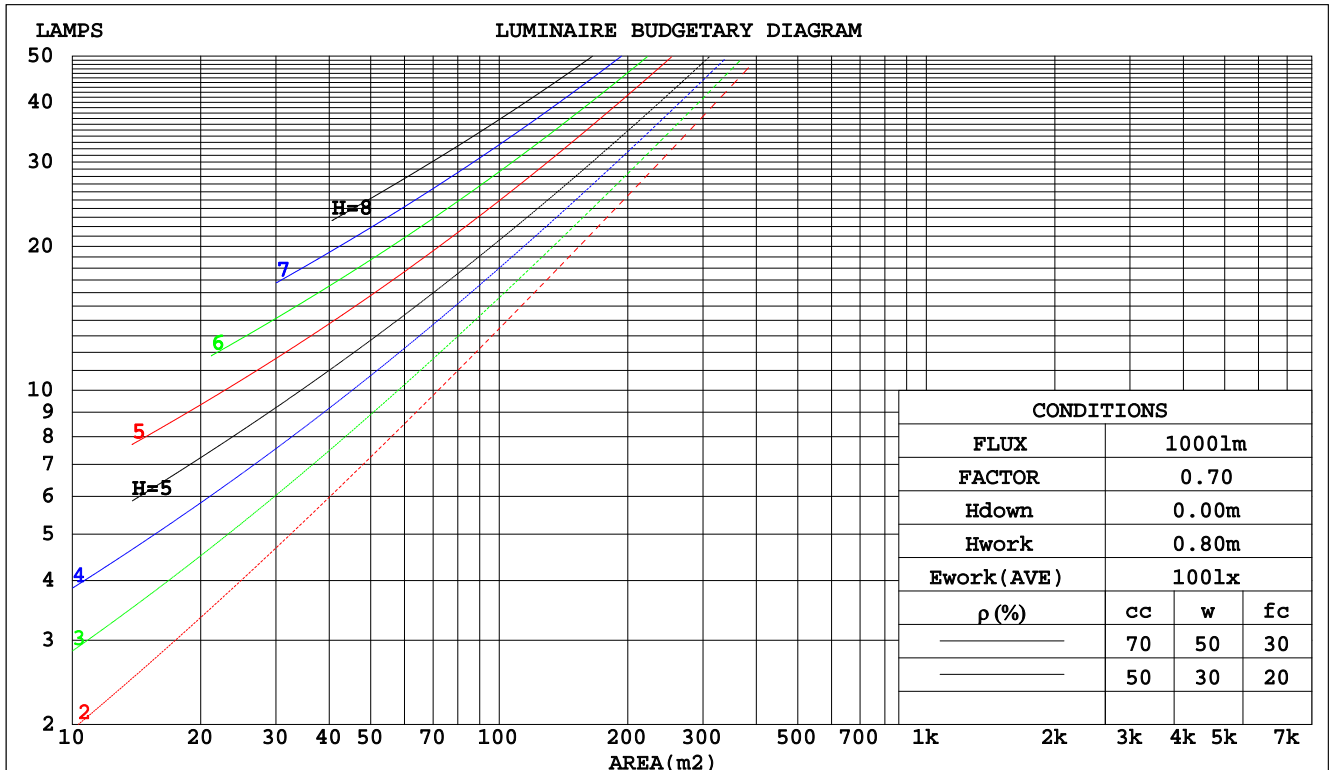
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:11.710m [K=1.0000]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm		
NAME: 280-HB77-150W	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\varnothing 280 \times 166\text{MM}$	SERIAL No.:1
MFR.:	SUR.: $\varnothing 225\text{MM}$	PROTECTION 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						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	1.01	1.01	1.01	.99
1.0	1.05	1.02	.98	1.03	.90	.96	.99	.96	.93	.95	.92	.90	.91	.89	.88	.85
2.0	.93	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.81	.74	.67	.80	.73	.67	.77	.71	.65	.74	.69	.64	.71	.67	.63	.61
4.0	.72	.63	.57	.71	.63	.56	.68	.61	.56	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.53	.46	.41	.51	.45	.41	.38
7.0	.52	.43	.37	.51	.42	.37	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.710m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm								
NAME: 280-HB77-150W				TYPE:			WEIGHT:2.5KG	
SPEC.:				DIM.: φ280*166MM			SERIAL No.:1	
MFR.:				SUR.:φ225MM			PROTECTION 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	.278	.158	.050	.270	.154	.049	.257	.147	.047	.245	.141	.045	.233	.135	.044	
2.0	.270	.148	.045	.264	.145	.045	.252	.140	.044	.241	.135	.042	.231	.131	.041	
3.0	.256	.136	.041	.251	.134	.040	.240	.130	.040	.230	.126	.039	.221	.123	.038	
4.0	.240	.125	.037	.236	.123	.036	.226	.120	.036	.218	.117	.035	.209	.114	.035	
5.0	.225	.115	.033	.221	.113	.033	.212	.111	.033	.205	.108	.032	.197	.105	.032	
6.0	.211	.106	.030	.207	.104	.030	.199	.102	.030	.192	.100	.029	.186	.098	.029	
7.0	.197	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.174	.084	.024	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.075	.021	.148	.074	.021	

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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.183	.161	.142	.157	.139	.122	.107	.095	.084	.062	.055	.049	.020	.018	.016	
2.0	.174	.137	.106	.149	.118	.091	.102	.082	.064	.059	.047	.037	.019	.015	.012	
3.0	.167	.119	.081	.143	.103	.070	.098	.071	.049	.057	.042	.029	.018	.014	.010	
4.0	.160	.106	.065	.137	.091	.056	.094	.064	.040	.055	.037	.023	.018	.012	.008	
5.0	.153	.095	.053	.131	.083	.046	.090	.058	.033	.052	.034	.019	.017	.011	.006	
6.0	.146	.087	.045	.126	.075	.039	.087	.053	.028	.050	.031	.016	.016	.010	.005	
7.0	.140	.080	.039	.120	.070	.034	.083	.049	.024	.048	.029	.014	.016	.009	.005	
8.0	.134	.075	.034	.115	.065	.030	.080	.045	.021	.046	.027	.012	.015	.009	.004	
9.0	.128	.070	.030	.110	.060	.026	.076	.043	.019	.045	.025	.011	.014	.008	.004	
10.0	.122	.065	.027	.106	.057	.024	.073	.040	.017	.043	.024	.010	.014	.008	.003	

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-4-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.710m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm										
NAME: 280-HB77-150W					TYPE:			WEIGHT:2.5KG		
SPEC.:					DIM.: $\varnothing$ 280*166MM			SERIAL No.:1		
MFR.:					SUR.: $\varnothing$ 225MM			PROTECTION 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	30.2	31.7	30.5	31.9	32.1	30.3	31.8	30.6	32.0	32.2
3H	30.5	31.9	30.8	32.1	32.4	30.6	32.0	30.9	32.2	32.5
4H	30.5	31.8	30.9	32.1	32.4	30.6	31.9	31.0	32.2	32.5
6H	30.5	31.7	30.8	32.0	32.3	30.6	31.8	31.0	32.1	32.4
8H	30.5	31.6	30.8	31.9	32.2	30.6	31.8	30.9	32.0	32.4
12H	30.4	31.6	30.8	31.9	32.2	30.6	31.7	30.9	32.0	32.3
4H 2H	30.4	31.7	30.7	31.9	32.2	30.5	31.8	30.8	32.0	32.3
3H	30.8	31.9	31.2	32.2	32.5	30.9	32.0	31.2	32.3	32.6
4H	30.9	31.9	31.3	32.2	32.6	31.0	32.0	31.3	32.3	32.7
6H	30.9	31.8	31.3	32.1	32.5	31.0	31.9	31.4	32.2	32.6
8H	30.9	31.7	31.3	32.1	32.5	31.0	31.8	31.4	32.2	32.6
12H	30.9	31.6	31.3	32.0	32.4	31.0	31.7	31.4	32.1	32.5
8H 4H	30.8	31.7	31.3	32.0	32.4	30.9	31.8	31.4	32.1	32.5
6H	30.9	31.6	31.4	32.0	32.4	31.0	31.7	31.4	32.1	32.5
8H	30.9	31.5	31.4	31.9	32.4	31.0	31.6	31.5	32.0	32.5
12H	30.9	31.4	31.4	31.9	32.4	31.0	31.5	31.5	32.0	32.4
12H 4H	30.8	31.6	31.2	32.0	32.4	30.9	31.6	31.3	32.0	32.5
6H	30.9	31.5	31.3	31.9	32.4	31.0	31.6	31.4	32.0	32.5
8H	30.9	31.4	31.4	31.9	32.3	31.0	31.5	31.5	31.9	32.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
1.5H	+ 0.7 / - 1.7					+ 0.8 / - 1.7				
2.0H	+ 1.7 / - 2.1					+ 1.7 / - 2.2				

CIE Pub.117 Corrected 24686 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.1)

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.710m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm		
NAME: 280-HB77-150W	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\varnothing 280 \times 166\text{MM}$	SERIAL No.:1
MFR.:	SUR.: $\varnothing 225\text{MM}$	PROTECTION 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	55	44	36	55	43	36	53	43	36	29
0.80	67	55	48	66	55	47	64	54	47	40
1.00	77	66	59	75	65	58	73	66	58	51
1.25	84	74	67	83	74	67	80	72	66	59
1.50	90	80	73	88	79	73	85	77	72	65
2.00	97	89	83	95	87	82	91	85	80	73
2.50	100	93	87	98	92	86	94	89	85	76
3.00	104	97	92	101	96	91	97	93	89	80
4.00	107	102	97	105	100	96	100	97	93	84
5.00	109	105	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.710m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm		
NAME: 280-HB77-150W	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\phi 280 \times 166\text{MM}$	SERIAL No.:1
MFR.:	SUR.: $\phi 225\text{MM}$	PROTECTION ANGLE:

Conical surface Flux(90deg):

13439 lm

%lum = 54.4%

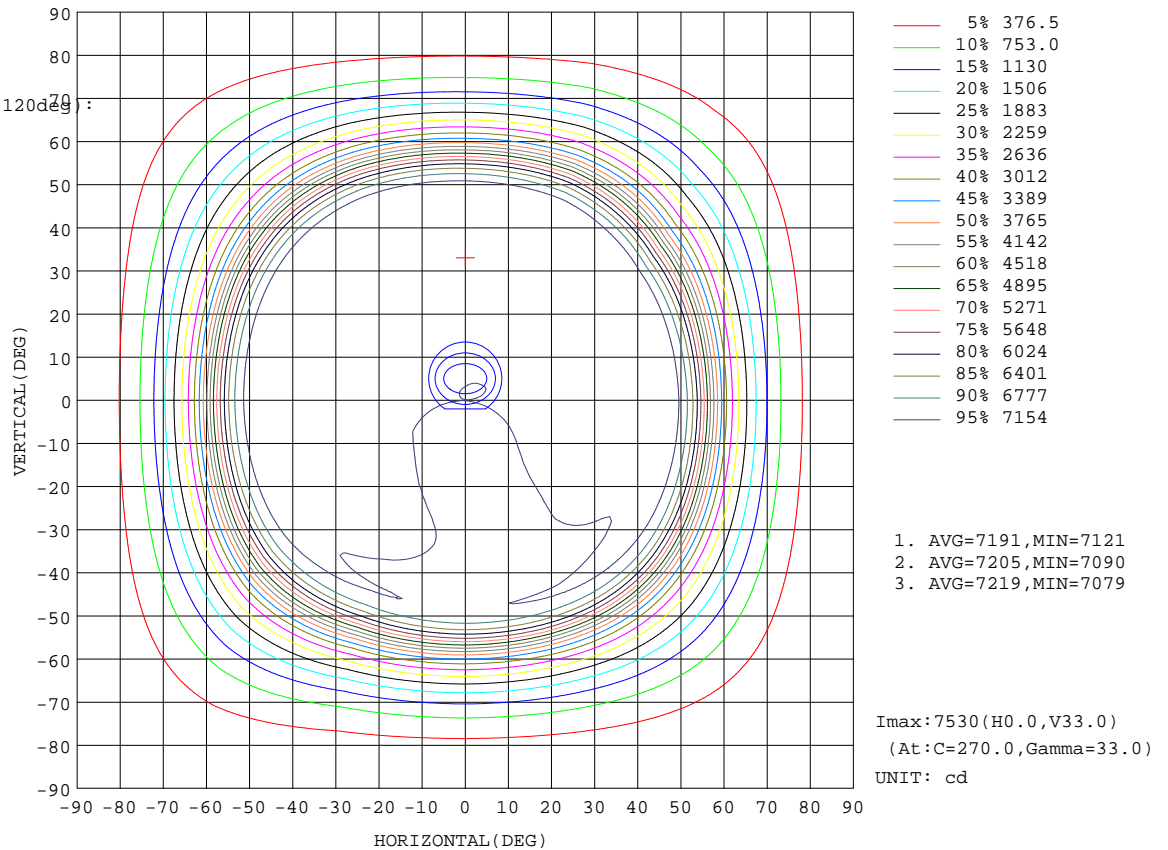
%lamp = 54.4%

Conical surface Flux(120deg):

21410 lm

%lum = 86.7%

%lamp = 86.7%



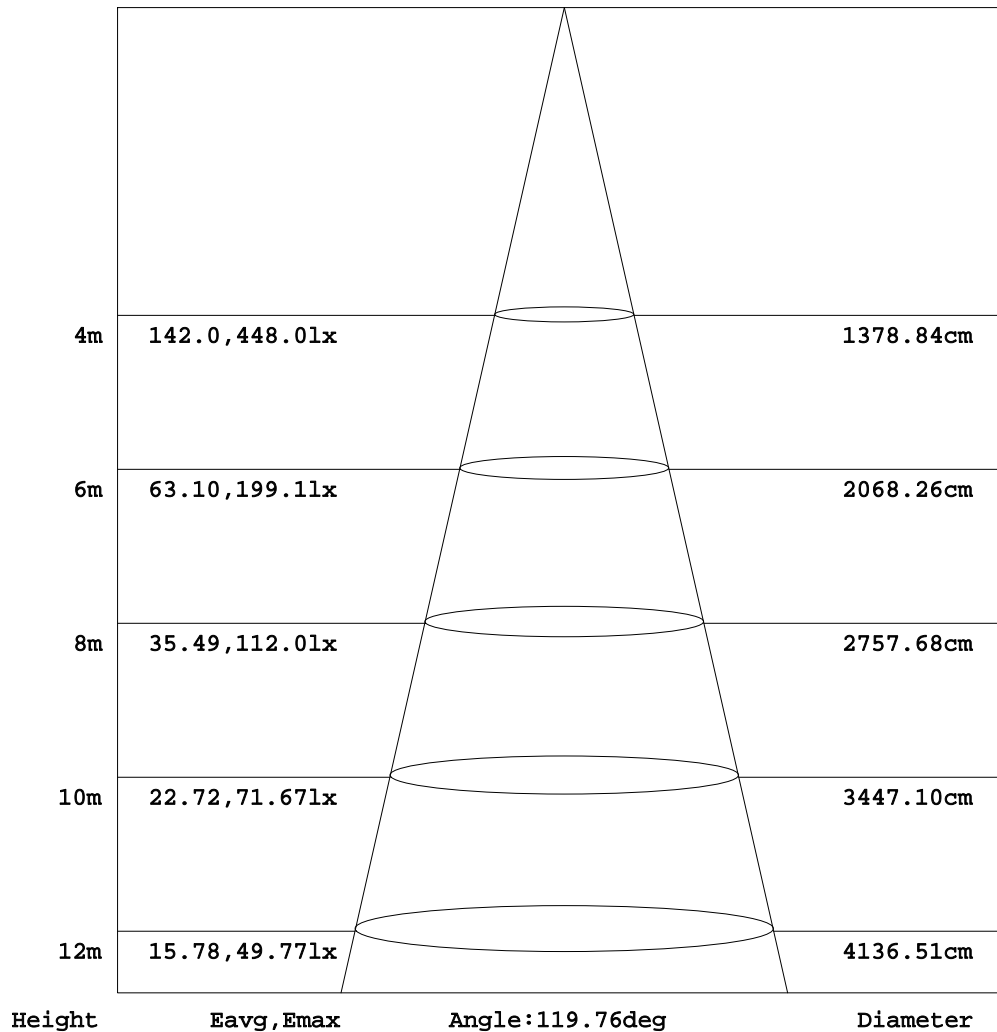
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.710m [K=1.0000]  
Remarks:

### AAI Figure

Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm		
NAME: 280-HB77-150W	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\phi 280 \times 166\text{MM}$	SERIAL No.:1
MFR.:	SUR.: $\phi 225\text{MM}$	PROTECTION ANGLE:

Flux out:21410 lm



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

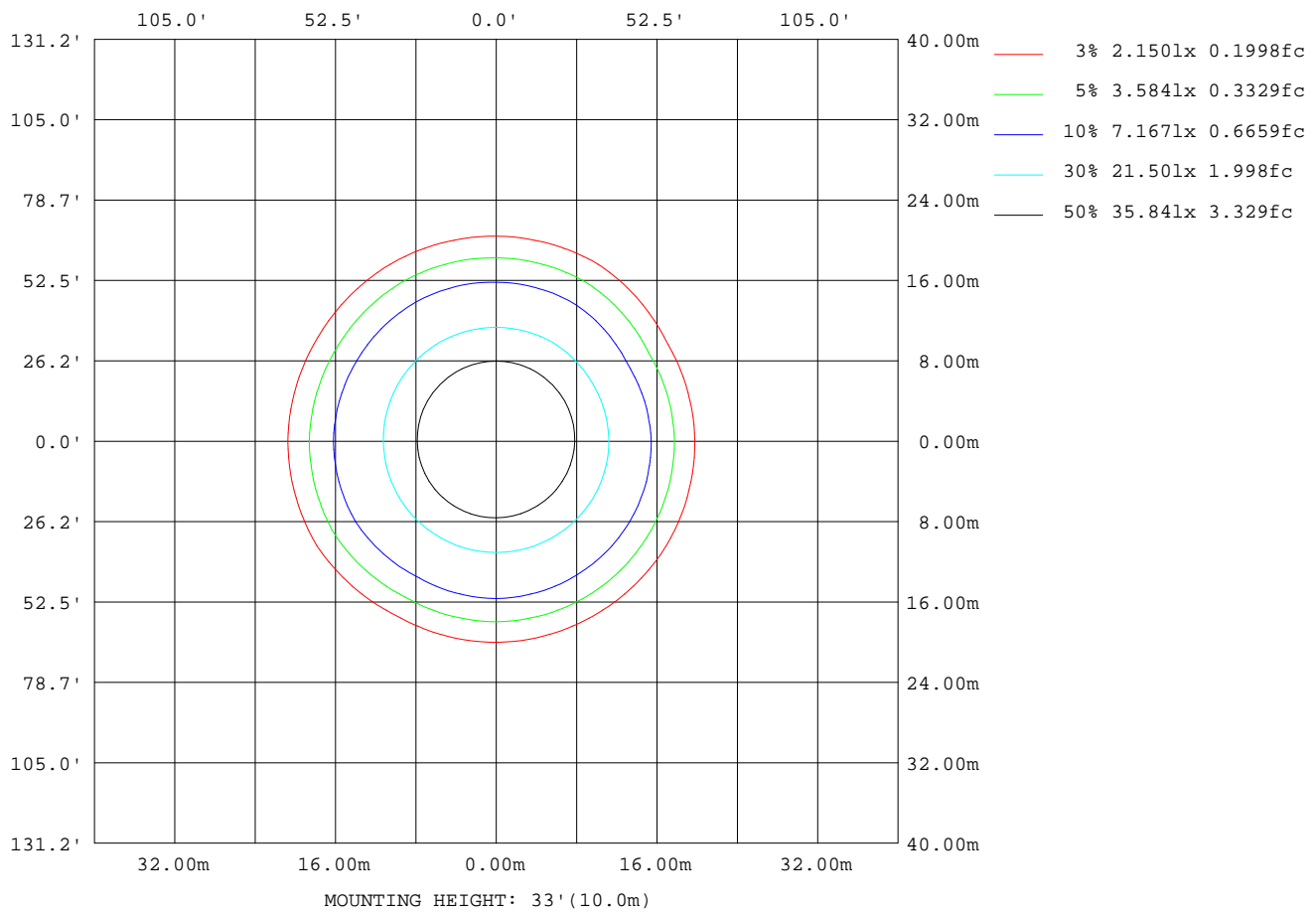
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity: 65.0%  
 Test Distance: 11.710m [K=1.0000]  
 Remarks:



## ISOLUX DIAGRAM

Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm		
NAME: 280-HB77-150W	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\varnothing 280 \times 166\text{MM}$	SERIAL No.:1
MFR.:	SUR.: $\varnothing 225\text{MM}$	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity: 65.0%  
 Test Distance: 11.710m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm		
NAME: 280-HB77-150W	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\phi$ 280*166MM	SERIAL No.:1
MFR.:	SUR.: $\phi$ 225MM	PROTECTION ANGLE:

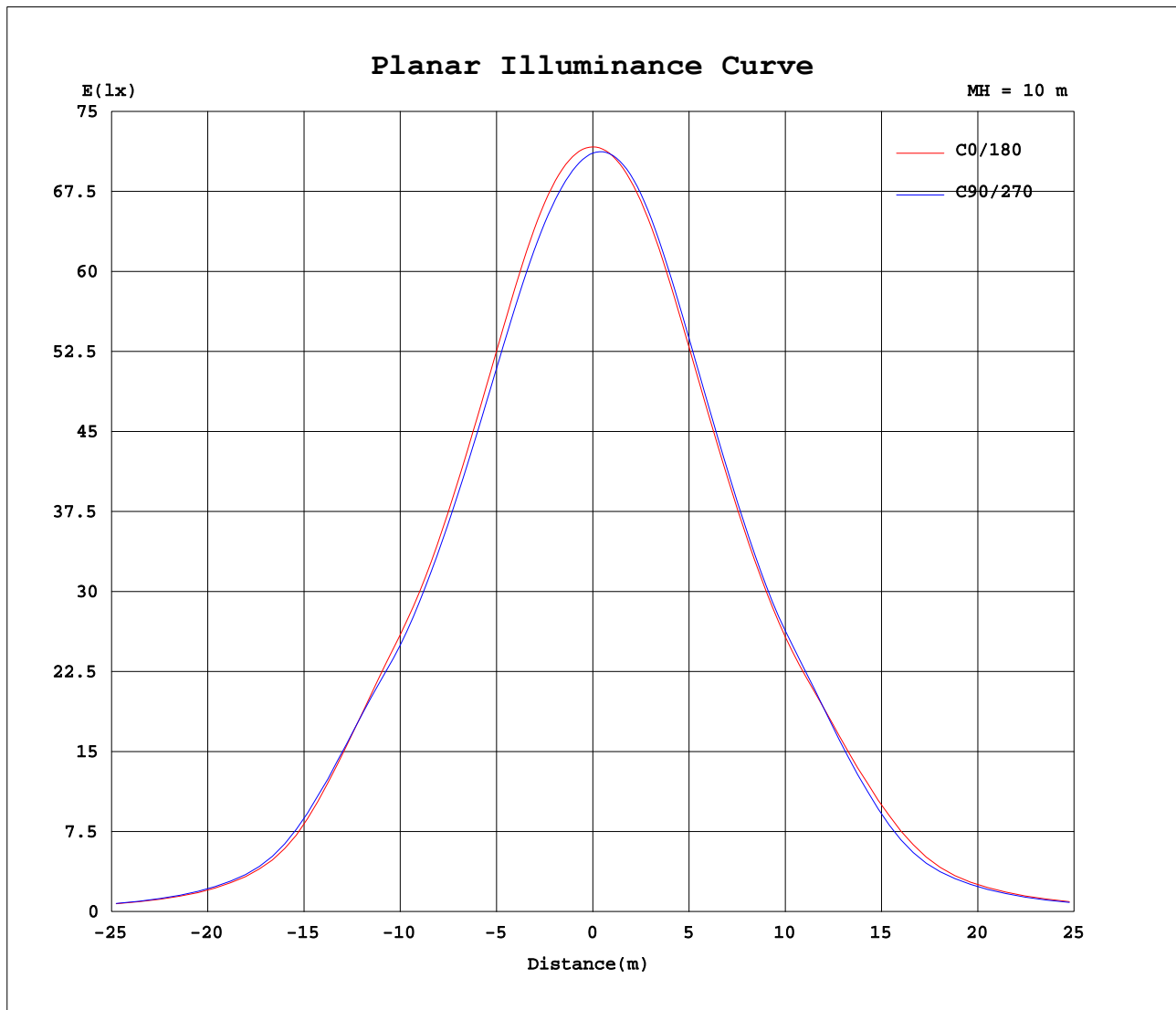
AvgL	cd/m2
L_0~180 (65) av	83397
L_0~180 (75) av	43159
L_0~180 (85) av	23693
L_90~270 (65) av	82170
L_90~270 (75) av	42642
L_90~270 (85) av	23004
L_45 (65) av	81596
L_45 (75) av	42586
L_45 (85) av	23098

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
 Humidity:65.0%  
 Test Distance:11.710m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022-4-23

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
Humidity: 65.0%  
Test Distance: 11.710m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.7156A P:155.4W PF:0.9865 Lamp Flux:24685.8x1 lm																	
NAME: 280-HB77-150W									TYPE:			WEIGHT:2.5KG					
SPEC.:									DIM.: φ280*166MM			SERIAL No.:1					
MFR.:									SUR.:φ225MM			PROTECTION ANGLE:					

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	7167	7143	7123	7110	7096	7095	7167	7143	7123	7110	7096	7095						
5	7186	7127	7083	7065	7068	7085	7189	7196	7194	7186	7159	7144						
10	7232	7143	7076	7054	7074	7111	7239	7274	7289	7286	7253	7227						
15	7288	7175	7094	7073	7108	7165	7303	7361	7387	7385	7349	7309						
20	7325	7202	7114	7095	7142	7218	7357	7421	7454	7454	7422	7368						
25	7339	7211	7122	7110	7167	7256	7386	7456	7495	7499	7472	7409						
30	7347	7213	7126	7121	7189	7284	7399	7477	7519	7525	7504	7440						
35	7338	7212	7122	7120	7192	7299	7396	7478	7519	7525	7507	7440						
40	7298	7182	7098	7092	7164	7275	7347	7430	7474	7475	7459	7393						
45	7342	7216	7104	7064	7121	7193	7282	7358	7406	7444	7462	7478						
50	7089	7107	7067	7052	7029	7196	7283	7334	7361	7297	7259	6882						
55	5471	5633	5667	5756	5665	6235	6364	6232	6144	5953	5819	5021						
60	3202	3228	3312	3396	3418	4048	4088	3860	3835	3638	3576	3027						
65	1936	1998	1979	2048	2016	2393	2434	2338	2323	2258	2217	1867						
70	1123	1163	1147	1188	1162	1411	1443	1404	1392	1332	1294	1094						
75	593	617	610	633	619	779	792	772	765	735	723	586						
80	279	280	284	290	290	380	389	385	372	364	355	278						
85	95.8	97.1	96.8	103	101	151	160	154	153	146	147	99.1						
90	26.3	26.2	26.1	26.6	27.0	36.8	44.7	42.4	42.6	40.4	40.6	33.3						
95	23.9	23.8	23.7	23.7	23.6	23.9	31.8	31.1	30.7	30.3	30.0	29.0						
100	23.3	23.2	23.1	23.1	23.0	23.2	28.7	28.1	27.7	27.2	27.0	26.3						
105	22.8	22.7	22.7	22.6	22.5	22.6	26.2	25.8	25.4	25.1	25.0	24.6						
110	22.7	22.6	22.6	22.5	22.4	22.4	25.1	24.7	24.5	24.3	24.2	24.0						
115	22.9	22.8	22.8	22.7	22.6	22.5	24.8	24.5	24.2	24.1	24.0	23.9						
120	23.2	23.2	23.1	23.1	23.0	22.8	24.7	24.4	24.2	24.1	24.0	24.0						
125	23.5	23.5	23.5	23.4	23.3	23.2	24.7	24.4	24.3	24.2	24.1	24.1						
130	23.6	23.6	23.7	23.6	23.5	23.4	24.7	24.6	24.5	24.4	24.3	24.3						
135	23.7	23.7	23.8	23.7	23.7	23.5	25.1	25.0	25.0	24.9	24.7	24.8						
140	24.0	24.0	24.0	24.0	23.9	23.7	25.7	25.6	25.6	25.5	25.4	25.5						
145	24.5	24.5	24.5	24.4	24.3	24.1	26.6	26.5	26.5	26.4	26.3	26.4						
150	25.4	25.3	25.3	25.2	25.1	24.8	27.5	27.4	27.4	27.3	27.3	27.4						
155	26.7	26.6	26.5	26.4	26.3	25.9	28.5	28.4	28.4	28.3	28.2	28.4						
160	28.4	28.3	28.2	28.0	27.8	27.4	29.6	29.4	29.4	29.3	29.3	29.4						
165	30.1	30.0	29.8	29.6	29.4	29.0	30.5	30.3	30.3	30.2	30.2	30.3						
170	31.4	31.3	31.1	31.0	30.8	30.4	31.3	31.1	31.1	31.0	30.9	31.0						
175	31.8	31.7	31.6	31.4	31.3	31.1	31.7	31.5	31.5	31.3	31.2	31.4						
180	31.7	31.6	31.4	31.3	31.2	31.2	31.8	31.6	31.5	31.3	31.2	31.2						

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Operators:  
Test Date:2022-4-23

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.290  
Humidity:65.0%  
Test Distance:11.710m [K=1.0000]  
Remarks: