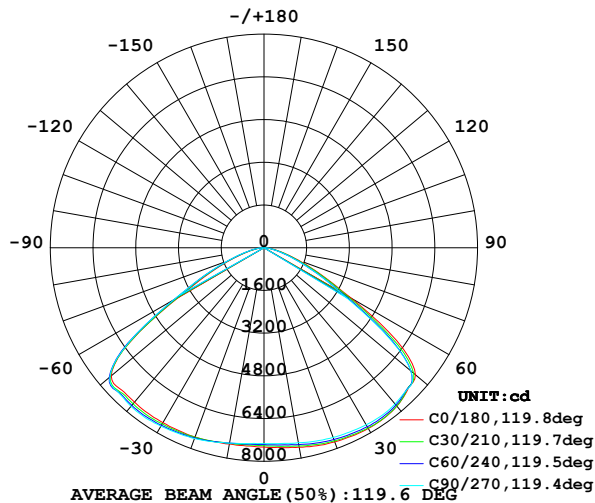


## LUMINAIRE PHOTOMETRIC TEST REPORT

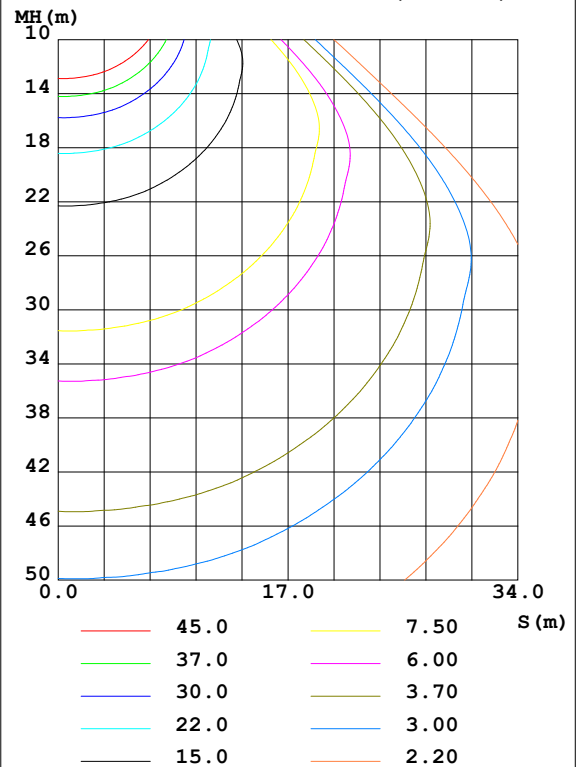
Test:U:220.1V I:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm		
NAME: 280-HB77-150W CW	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\varnothing 280 \times 166\text{MM}$	SERIAL No.:1
MFR.:	SUR.: $\varnothing 225\text{MM}$	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 172.25 lm/W			
MODEL	280-HB77-150W	I <sub>max</sub> (cd)	7821	S/MH (C0/180)	1.56
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.61
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	25593	$\eta$ UP, DN (C0-180)	0.3, 48.7
NOMINAL FLUX (lm)	25593.4	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.3, 50.6
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	$\Phi$ lum, lamp
10	7587	7515	7417	7332	7465	7435	7434	7411	0- 10	706.6	706.6	2.76,2.76
20	7737	7672	7559	7433	7543	7565	7604	7605	10- 20	2133	2839	11.1,11.1
30	7814	7767	7655	7514	7568	7648	7720	7731	20- 30	3533	6373	24.9,24.9
40	7739	7711	7639	7532	7547	7667	7750	7744	30- 40	4829	11202	43.8,43.8
50	7407	7249	7182	7210	7467	7546	7537	7458	40- 50	5871	17073	66.7,66.7
60	3745	3449	3227	3246	3656	3816	3906	3820	50- 60	5095	22168	86.6,86.6
70	1380	1236	1175	1199	1326	1407	1453	1458	60- 70	2277	24444	95.5,95.5
80	369.3	318.7	297.9	299.1	351.2	395.6	422.9	410.6	70- 80	809.1	25254	98.7,98.7
90	31.75	28.91	27.10	26.81	38.04	45.42	51.44	49.09	80- 90	173.8	25427	99.4,99.4
100	24.50	24.17	23.82	23.59	28.95	28.84	28.51	28.00	90-100	31.36	25459	99.5,99.5
110	23.79	23.59	23.34	23.13	25.96	25.76	25.45	25.09	100-110	26.57	25485	99.6,99.6
120	24.25	24.12	23.94	23.74	25.84	25.52	25.18	24.95	110-120	24.31	25510	99.7,99.7
130	24.86	24.76	24.63	24.50	25.94	25.63	25.33	25.17	120-130	22.32	25532	99.8,99.8
140	25.19	25.13	25.04	24.93	26.94	26.63	26.36	26.21	130-140	19.62	25552	99.8,99.8
150	26.60	26.56	26.45	26.26	28.93	28.60	28.30	28.15	140-150	16.67	25568	99.9,99.9
160	29.45	29.40	29.25	28.99	31.12	30.79	30.52	30.33	150-160	13.21	25582	100,100
170	32.49	32.43	32.23	31.87	32.86	32.54	32.19	32.15	160-170	8.815	25590	100,100
180	33.09	32.95	32.73	32.41	33.20	32.95	32.67	32.41	170-180	3.113	25593	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

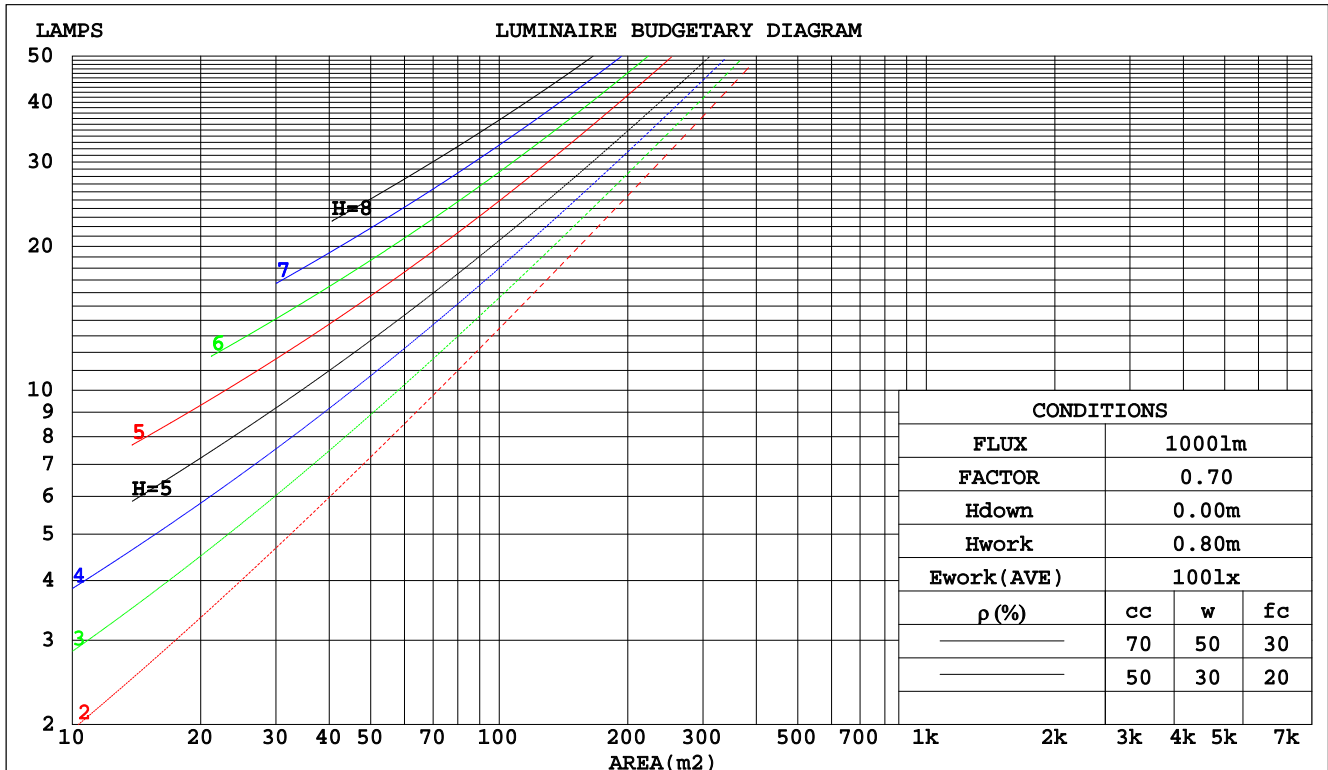
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-4-23

$\gamma$  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:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm		
NAME: 280-HB77-150W CW	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\varnothing 280 \times 166\text{MM}$	SERIAL No.:1
MFR.:	SUR.: $\varnothing 225\text{MM}$	PROTECTION 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	1.01	1.01	1.01	.99
1.0	1.05	1.02	.98	1.03	.90	.96	.99	.96	.93	.95	.92	.90	.91	.89	.87	.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	.45
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.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:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm					
NAME: 280-HB77-150W CW			TYPE:		WEIGHT:2.5KG
SPEC.:			DIM.: φ280*166MM		SERIAL No.:1
MFR.:			SUR.:φ225MM		PROTECTION ANGLE:

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.278	.158	.050	.271	.154	.049	.257	.148	.047	.245	.141	.045	.234	.135	.044	
2.0	.270	.148	.045	.264	.145	.045	.252	.140	.044	.241	.135	.042	.231	.131	.041	
3.0	.256	.136	.041	.250	.134	.040	.240	.130	.040	.230	.126	.039	.221	.123	.038	
4.0	.240	.125	.037	.235	.123	.036	.226	.120	.036	.217	.117	.035	.209	.114	.035	
5.0	.225	.115	.033	.220	.113	.033	.212	.110	.033	.204	.108	.032	.197	.105	.032	
6.0	.210	.105	.030	.206	.104	.030	.199	.102	.030	.192	.100	.029	.185	.098	.029	
7.0	.197	.097	.028	.194	.096	.027	.187	.094	.027	.181	.093	.027	.175	.091	.027	
8.0	.185	.090	.025	.182	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.080	.023	.156	.079	.023	
10.0	.164	.079	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.147	.074	.021	

ρ <sub>cc</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	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	.044	.025	.011	.014	.008	.004	
10.0	.122	.065	.028	.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:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm											
NAME: 280-HB77-150W CW						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	30.6	32.1	30.8	32.3	32.5	30.2	31.7	30.5	31.9	32.1	
	3H	31.0	32.3	31.3	32.6	32.8	30.5	31.9	30.8	32.1	32.4
	4H	31.0	32.3	31.4	32.6	32.9	30.5	31.8	30.9	32.1	32.4
	6H	31.0	32.2	31.4	32.5	32.8	30.5	31.7	30.9	32.0	32.3
	8H	31.0	32.2	31.4	32.5	32.8	30.5	31.7	30.8	31.9	32.2
	12H	31.0	32.1	31.3	32.4	32.7	30.5	31.6	30.8	31.9	32.2
4H	2H	30.7	32.0	31.1	32.3	32.6	30.4	31.7	30.7	32.0	32.2
	3H	31.2	32.3	31.6	32.7	33.0	30.8	31.9	31.2	32.2	32.6
	4H	31.4	32.4	31.7	32.7	33.0	30.9	31.9	31.3	32.2	32.6
	6H	31.4	32.3	31.8	32.7	33.0	30.9	31.8	31.3	32.2	32.6
	8H	31.4	32.2	31.8	32.6	33.0	30.9	31.7	31.3	32.1	32.5
	12H	31.4	32.2	31.8	32.5	33.0	30.9	31.7	31.3	32.0	32.5
8H	4H	31.3	32.1	31.7	32.5	32.9	30.9	31.7	31.3	32.1	32.5
	6H	31.4	32.1	31.9	32.5	32.9	31.0	31.6	31.4	32.0	32.5
	8H	31.4	32.0	31.9	32.5	32.9	31.0	31.6	31.4	32.0	32.5
	12H	31.5	32.0	31.9	32.4	32.9	31.0	31.5	31.5	31.9	32.4
12H	4H	31.3	32.0	31.7	32.4	32.9	30.9	31.6	31.3	32.0	32.4
	6H	31.4	32.0	31.9	32.4	32.9	30.9	31.5	31.4	32.0	32.4
	8H	31.4	31.9	31.9	32.4	32.9	31.0	31.5	31.4	31.9	32.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.5					
1.5H	+ 0.7 / - 1.4					+ 0.7 / - 1.5					
2.0H	+ 1.5 / - 1.8					+ 1.6 / - 2.0					

CIE Pub.117 Corrected 25593 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.3)

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:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm		
NAME: 280-HB77-150W CW	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	56	44	37	55	44	37	54	43	36	30
0.80	67	55	48	66	55	48	64	54	47	40
1.00	77	66	59	76	65	58	73	67	58	51
1.25	84	74	67	83	74	67	80	72	66	59
1.50	90	80	74	88	79	73	85	78	72	65
2.00	97	89	83	95	88	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:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm		
NAME: 280-HB77-150W CW	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):

14024 lm

%lum = 54.8%

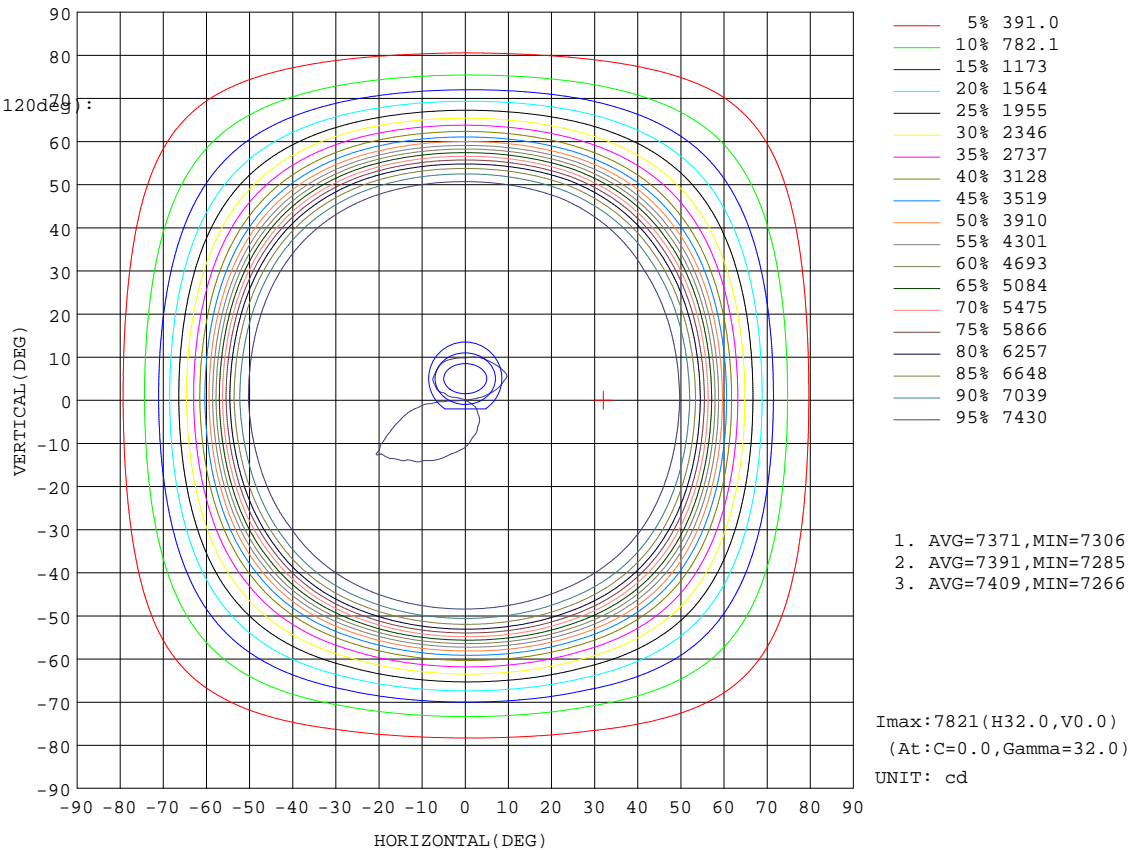
%lamp = 54.8%

Conical surface Flux(120deg):

22168 lm

%lum = 86.6%

%lamp = 86.6%



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%

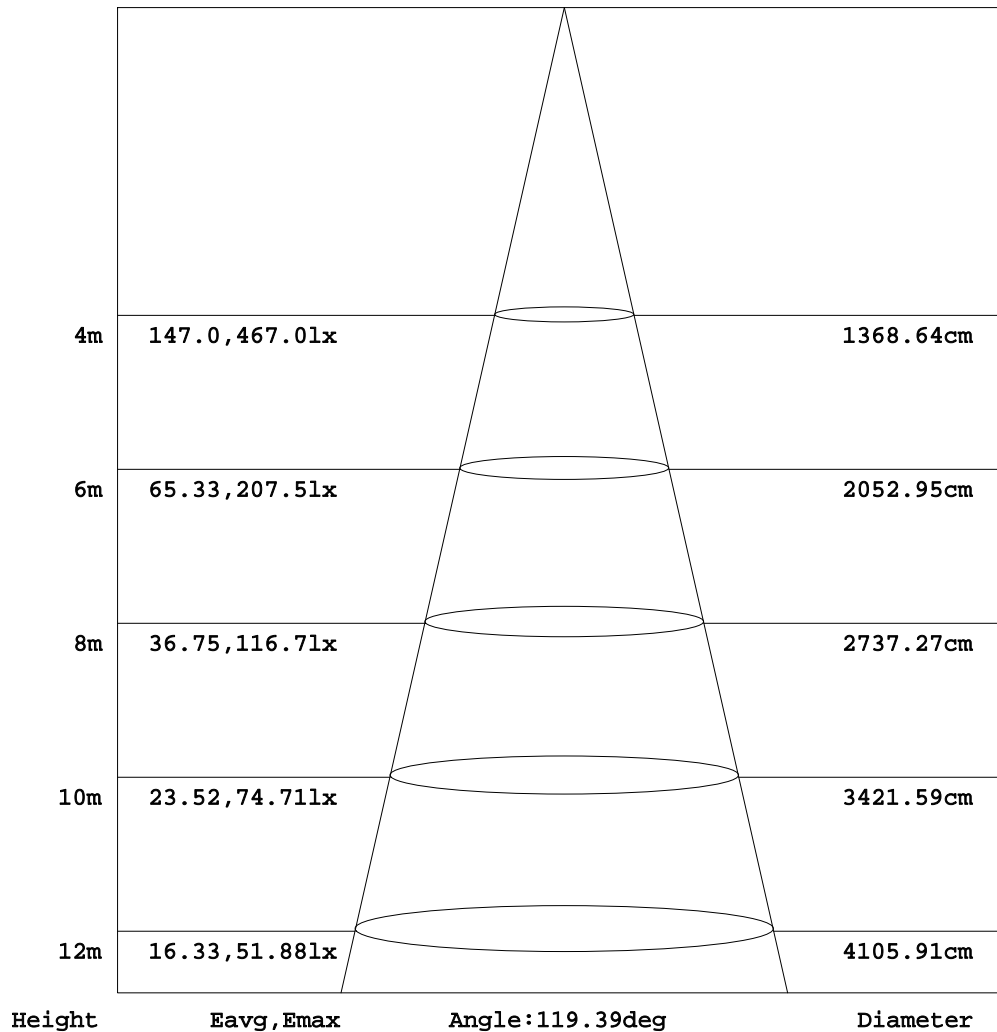
Test Distance:11.710m [K=1.0000]

Remarks:

### AAI Figure

Test:U:220.1V I:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm		
NAME: 280-HB77-150W CW	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:22168 lm



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

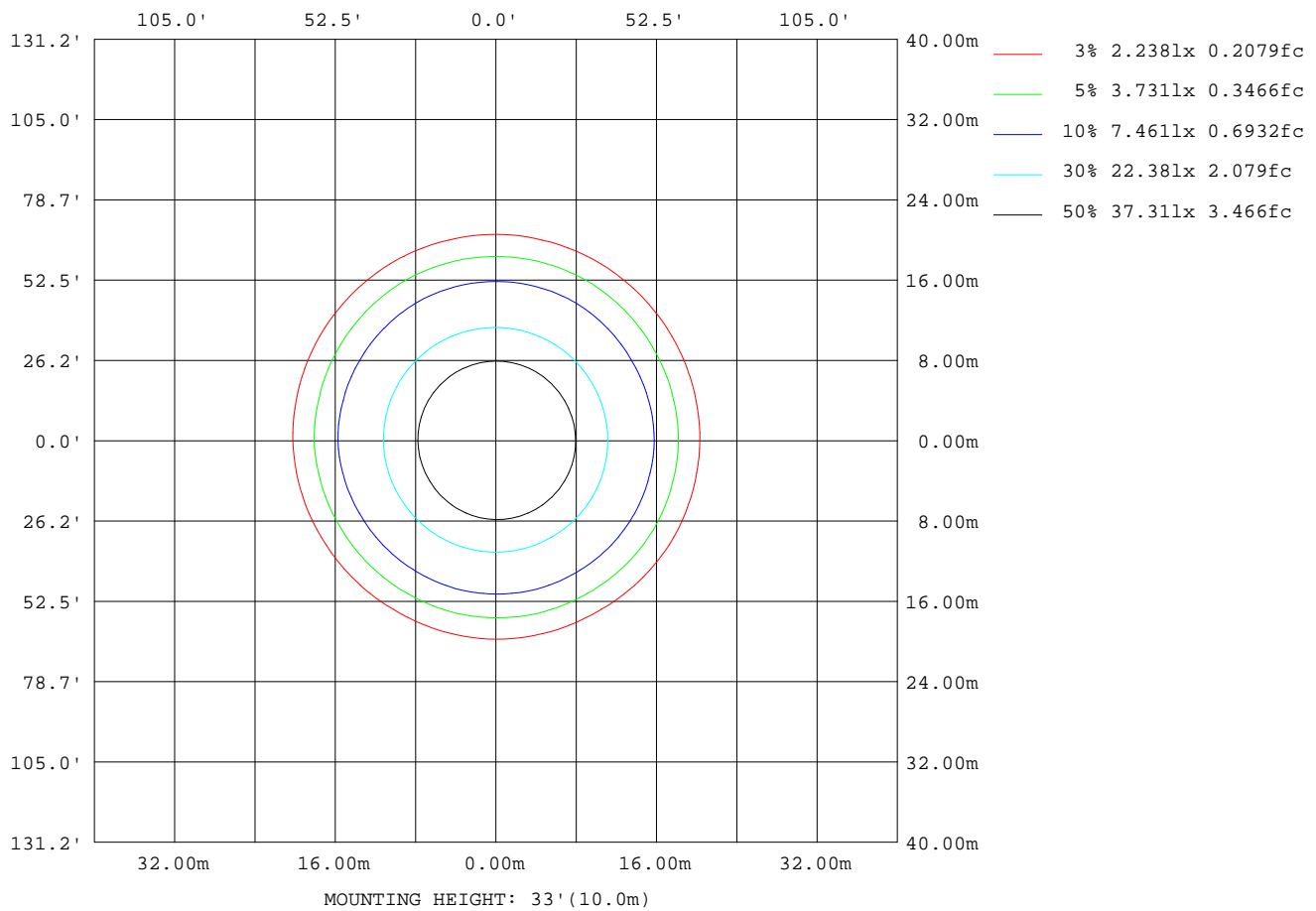
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-4-23

$\gamma$  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:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm		
NAME: 280-HB77-150W CW	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:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm		
NAME: 280-HB77-150W CW	TYPE:	WEIGHT:2.5KG
SPEC.:	DIM.: $\phi$ 280*166MM	SERIAL No.:1
MFR.:	SUR.: $\phi$ 225MM	PROTECTION ANGLE:

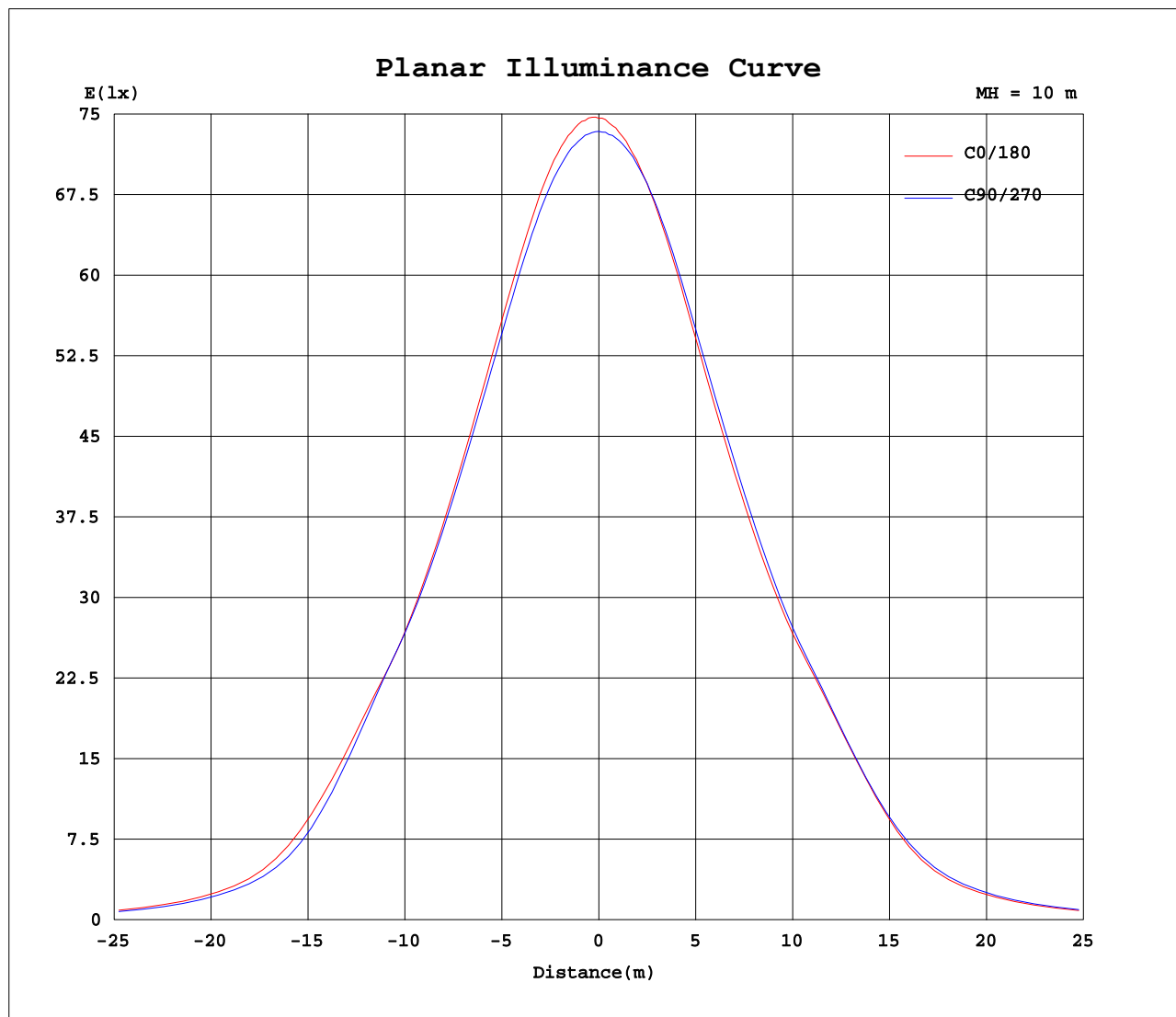
AvgL	cd/m2
L_0~180 (65) av	86993
L_0~180 (75) av	45958
L_0~180 (85) av	26025
L_90~270 (65) av	85126
L_90~270 (75) av	45382
L_90~270 (85) av	26382
L_45 (65) av	85143
L_45 (75) av	45387
L_45 (85) av	26058

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:0.6788A P:148.6W PF:0.9946 Lamp Flux:25593.4x1 lm																	
NAME: 280-HB77-150W CW									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	7461	7415	7369	7340	7299	7274	7461	7415	7369	7340	7299	7274						
5	7518	7466	7412	7359	7314	7270	7456	7415	7381	7362	7343	7323						
10	7587	7543	7487	7417	7359	7305	7465	7443	7426	7434	7415	7407						
15	7674	7631	7571	7497	7414	7354	7504	7500	7508	7517	7521	7511						
20	7737	7699	7646	7559	7467	7399	7543	7553	7578	7604	7608	7601						
25	7784	7749	7695	7613	7511	7440	7554	7588	7637	7662	7674	7673						
30	7814	7792	7742	7655	7553	7476	7568	7617	7679	7720	7734	7728						
35	7806	7802	7745	7680	7583	7505	7569	7651	7712	7763	7775	7766						
40	7739	7733	7689	7639	7565	7499	7547	7630	7704	7750	7757	7730						
45	7577	7546	7541	7549	7524	7498	7535	7627	7676	7693	7665	7584						
50	7407	7315	7184	7182	7178	7241	7467	7524	7568	7537	7527	7389						
55	6065	5768	5502	5406	5357	5519	6071	6102	6221	6163	6216	5958						
60	3745	3577	3321	3227	3183	3309	3656	3740	3892	3906	3903	3738						
65	2303	2229	2029	2023	1973	2083	2255	2346	2434	2438	2414	2360						
70	1380	1298	1175	1175	1159	1239	1326	1383	1432	1453	1476	1440						
75	754	709	634	635	621	666	721	768	801	821	826	806						
80	369	337	300	298	290	308	351	384	407	423	415	406						
85	144	128	107	104	99.9	110	137	155	175	181	182	170						
90	31.7	29.8	28.0	27.1	26.4	27.2	38.0	40.9	50.0	51.4	52.3	45.8						
95	25.2	25.0	24.6	24.4	24.3	24.2	32.0	31.9	31.8	31.5	31.2	30.6						
100	24.5	24.3	24.0	23.8	23.6	23.6	28.9	28.8	28.8	28.5	28.2	27.7						
105	24.0	23.8	23.6	23.4	23.2	23.2	26.8	26.7	26.6	26.4	26.1	25.8						
110	23.8	23.7	23.5	23.3	23.2	23.1	26.0	25.9	25.7	25.4	25.2	25.0						
115	23.9	23.8	23.7	23.5	23.4	23.3	25.8	25.7	25.5	25.2	25.0	24.9						
120	24.2	24.2	24.1	23.9	23.8	23.7	25.8	25.6	25.4	25.2	25.0	24.9						
125	24.7	24.6	24.5	24.4	24.3	24.2	25.9	25.6	25.5	25.2	25.1	24.9						
130	24.9	24.8	24.7	24.6	24.5	24.5	25.9	25.7	25.5	25.3	25.2	25.1						
135	25.0	24.9	24.8	24.8	24.7	24.6	26.2	26.0	25.8	25.7	25.6	25.5						
140	25.2	25.2	25.1	25.0	25.0	24.9	26.9	26.7	26.5	26.4	26.3	26.2						
145	25.8	25.8	25.7	25.6	25.5	25.4	28.0	27.7	27.5	27.4	27.2	27.1						
150	26.6	26.6	26.5	26.4	26.3	26.2	28.9	28.7	28.5	28.3	28.2	28.1						
155	27.8	27.9	27.7	27.7	27.5	27.4	30.0	29.7	29.5	29.3	29.2	29.1						
160	29.4	29.5	29.3	29.3	29.1	28.9	31.1	30.9	30.7	30.5	30.4	30.3						
165	31.1	31.1	31.0	30.9	30.6	30.4	32.1	31.9	31.8	31.5	31.4	31.3						
170	32.5	32.5	32.3	32.2	32.0	31.8	32.9	32.6	32.5	32.2	32.2	32.1						
175	33.0	33.0	32.8	32.7	32.4	32.3	33.2	32.9	32.9	32.6	32.4	32.4						
180	33.1	33.1	32.8	32.7	32.4	32.4	33.2	33.0	32.9	32.7	32.5	32.4						

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: