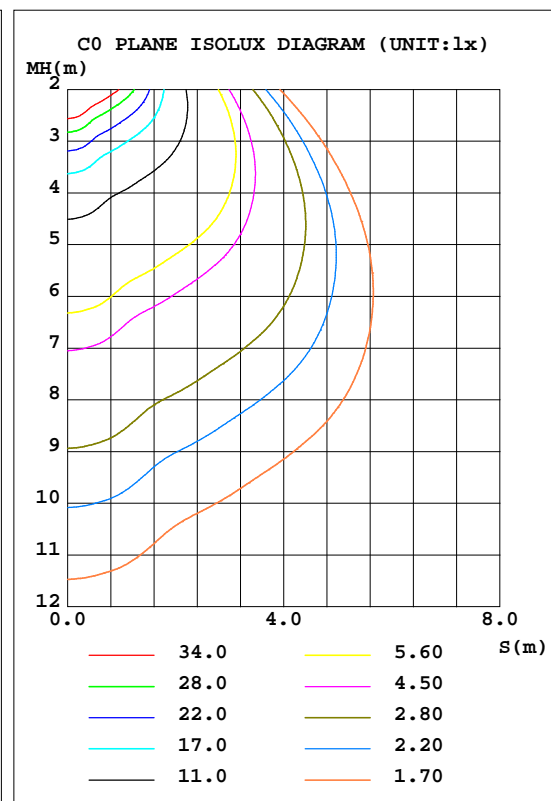
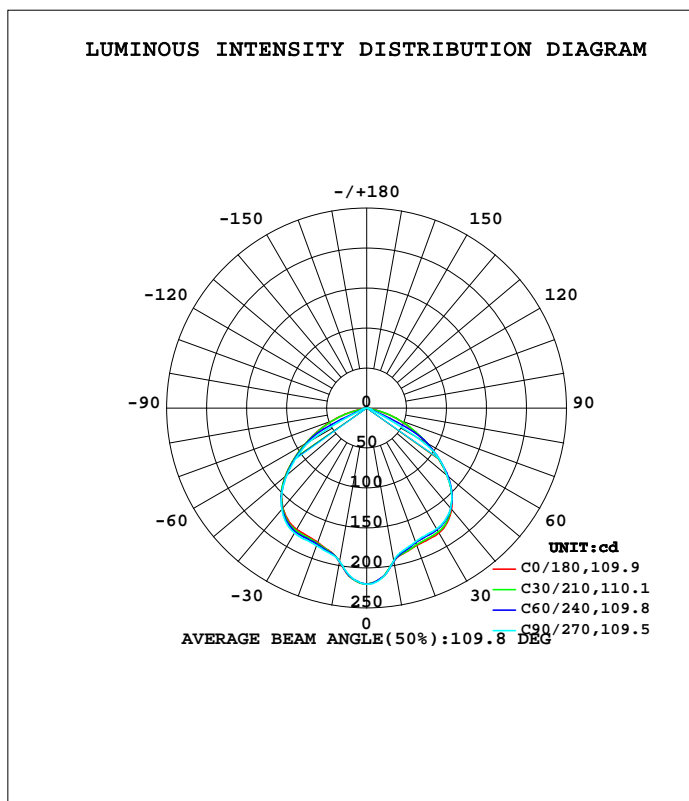


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.13 lm/W			
MODEL		I <sub>max</sub> (cd)	220.6	S/MH(C0/180)	1.21
NOMINAL POWER(W)	--	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	--	TOTAL FLUX(lm)	542.90	η UP, DN(C0-180)	0.0,49.4
NOMINAL FLUX(lm)	542.9	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	--	η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-29

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	194.6	195.4	194.3	193.9	195.5	194.7	195.0	195.9	0- 10	19.76	19.76	3.64,3.64
20	182.9	180.5	178.2	177.5	178.9	180.5	183.0	184.6	10- 20	52.54	72.30	13.3,13.3
30	180.5	177.3	174.5	173.5	175.3	177.6	180.6	182.0	20- 30	82.80	155.1	28.6,28.6
40	165.2	164.4	163.4	162.6	163.1	163.9	165.3	168.1	30- 40	108.2	263.3	48.5,48.5
50	131.4	132.9	131.3	131.6	133.0	131.5	130.3	134.3	40- 50	115.7	379.1	69.8,69.8
60	85.06	87.76	67.01	86.57	88.15	86.02	79.65	86.58	50- 60	97.76	476.8	87.8,87.8
70	42.32	32.27	7.435	30.42	44.66	29.78	7.580	42.82	60- 70	52.15	529.0	97.4,97.4
80	3.732	1.639	0.4024	1.487	4.764	1.643	0.2384	2.521	70- 80	13.29	542.3	99.9,99.9
90	0.0432	0.0207	0	0.0128	0.0967	0.0770	0.0530	0.0878	80- 90	0.6192	542.9	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		

Conical surface Flux(90deg): 321.8 lm

%lum = 59.3%  
%lamp = 59.3%

Conical surface Flux(120deg): 476.84 lm

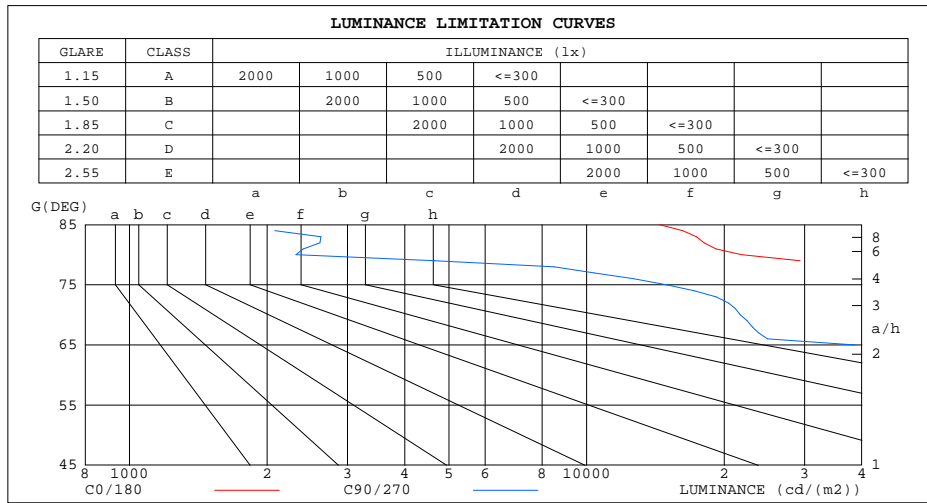
%lum = 87.8%  
%lamp = 87.8%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-29

$\gamma$  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:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	14400	563
80	21846	2313
75	80915	14935
70	125766	21693
65	150598	38643
60	172922	133732
55	192328	192504
50	207830	203787
45	216877	211941

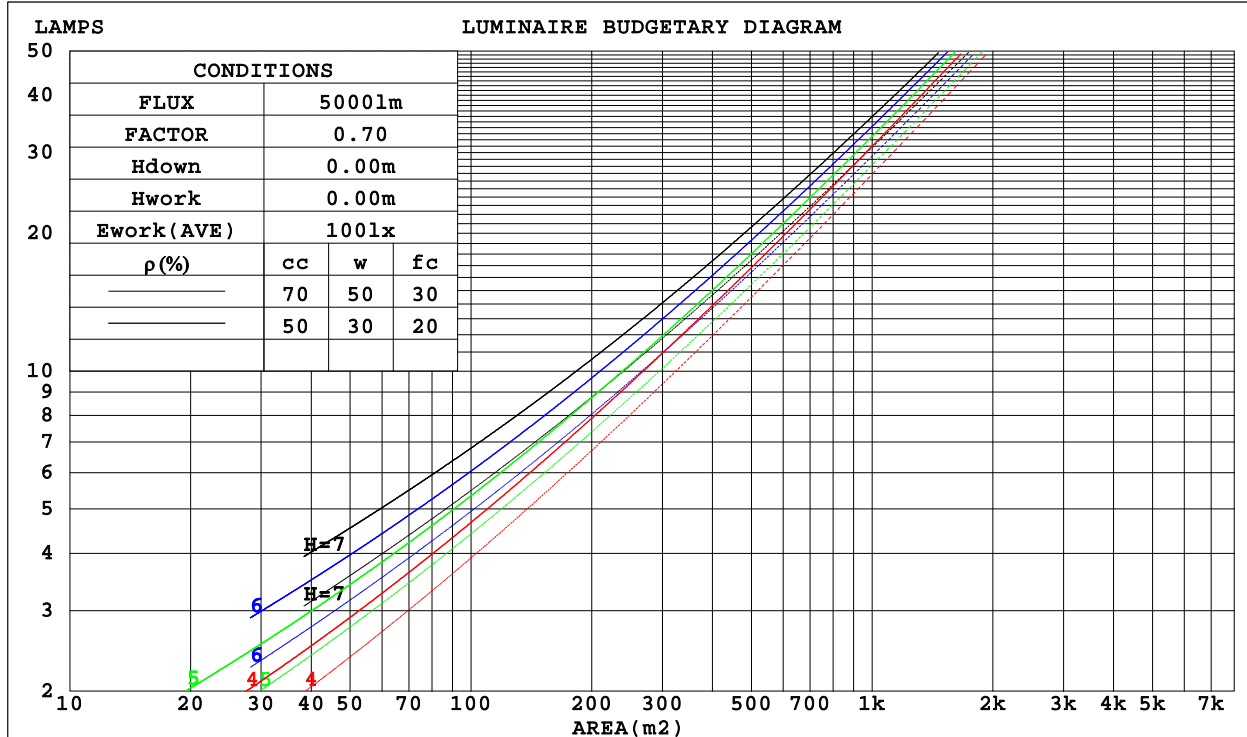
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-29

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:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding 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						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	1.06	1.03	.99	1.04	1.01	.98	.90	.97	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.94	.88	.82	.92	.86	.81	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.83	.75	.69	.81	.74	.69	.78	.72	.68	.76	.71	.66	.73	.69	.65	.63
4.0	.74	.65	.59	.72	.65	.59	.70	.63	.58	.68	.62	.57	.65	.60	.56	.54
5.0	.66	.57	.51	.65	.57	.51	.63	.56	.50	.61	.54	.50	.59	.53	.49	.47
6.0	.59	.51	.44	.58	.50	.44	.57	.49	.44	.55	.48	.43	.53	.48	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.38	.49	.43	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.34	.44	.39	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-29

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:

WEC AND CCEC

Test:U:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	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	.265	.150	.048	.258	.147	.047	.245	.140	.045	.233	.134	.043	.222	.128	.041	
2.0	.260	.143	.044	.254	.140	.043	.243	.135	.042	.232	.130	.041	.222	.126	.040	
3.0	.248	.132	.039	.242	.130	.039	.232	.126	.038	.223	.122	.037	.214	.119	.037	
4.0	.233	.121	.036	.228	.119	.035	.219	.116	.035	.211	.113	.034	.203	.110	.034	
5.0	.218	.111	.032	.214	.110	.032	.206	.107	.032	.199	.105	.031	.192	.103	.031	
6.0	.205	.103	.029	.201	.102	.029	.194	.099	.029	.187	.097	.029	.181	.095	.028	
7.0	.192	.095	.027	.189	.094	.027	.182	.092	.027	.176	.090	.026	.171	.089	.026	
8.0	.180	.088	.025	.177	.087	.025	.172	.086	.024	.166	.084	.024	.161	.083	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.023	.153	.078	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.145	.073	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.177	.157	.138	.152	.134	.119	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.077	.137	.098	.067	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.153	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.146	.090	.049	.125	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.139	.082	.040	.120	.071	.035	.083	.050	.025	.048	.029	.015	.015	.010	.005	
7.0	.133	.075	.034	.114	.065	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
8.0	.127	.069	.029	.109	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-29

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:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm										
NAME: 486715-MR16-7W-2700K-120°					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:35mm			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	31.4	32.9	31.7	33.1	33.3	30.9	32.4	31.2	32.6	32.8
3H	32.4	33.8	32.7	34.0	34.2	30.8	32.1	31.1	32.3	32.6
4H	32.6	33.9	32.9	34.1	34.4	30.7	31.9	31.0	32.2	32.4
6H	32.6	33.8	32.9	34.0	34.3	30.6	31.8	30.9	32.0	32.3
8H	32.5	33.7	32.9	34.0	34.2	30.5	31.7	30.9	31.9	32.2
12H	32.5	33.6	32.8	33.9	34.2	30.5	31.6	30.8	31.9	32.2
4H 2H	31.9	33.1	32.2	33.4	33.6	31.4	32.6	31.7	32.9	33.1
3H	33.0	34.1	33.3	34.3	34.6	31.3	32.4	31.6	32.7	33.0
4H	33.2	34.2	33.6	34.5	34.9	31.2	32.2	31.6	32.5	32.8
6H	33.2	34.1	33.6	34.4	34.8	31.1	32.0	31.5	32.3	32.7
8H	33.2	34.0	33.6	34.3	34.7	31.1	31.9	31.5	32.2	32.6
12H	33.1	33.9	33.6	34.2	34.6	31.0	31.8	31.4	32.1	32.5
8H 4H	33.1	33.9	33.5	34.3	34.7	31.2	32.0	31.6	32.4	32.7
6H	33.1	33.8	33.6	34.2	34.6	31.1	31.8	31.6	32.2	32.6
8H	33.1	33.7	33.5	34.1	34.5	31.1	31.7	31.5	32.1	32.5
12H	33.1	33.5	33.5	34.0	34.5	31.0	31.5	31.5	32.0	32.4
12H 4H	33.1	33.8	33.5	34.2	34.6	31.2	31.9	31.6	32.3	32.7
6H	33.1	33.6	33.5	34.1	34.5	31.1	31.7	31.5	32.1	32.5
8H	33.0	33.5	33.5	34.0	34.5	31.0	31.5	31.5	32.0	32.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 1.0 / - 1.7				
2.0H	+ 0.6 / - 0.8					+ 1.0 / - 1.8				

CIE Pub.117, 542.9 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.1)  
Area: 0.001 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-29

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:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

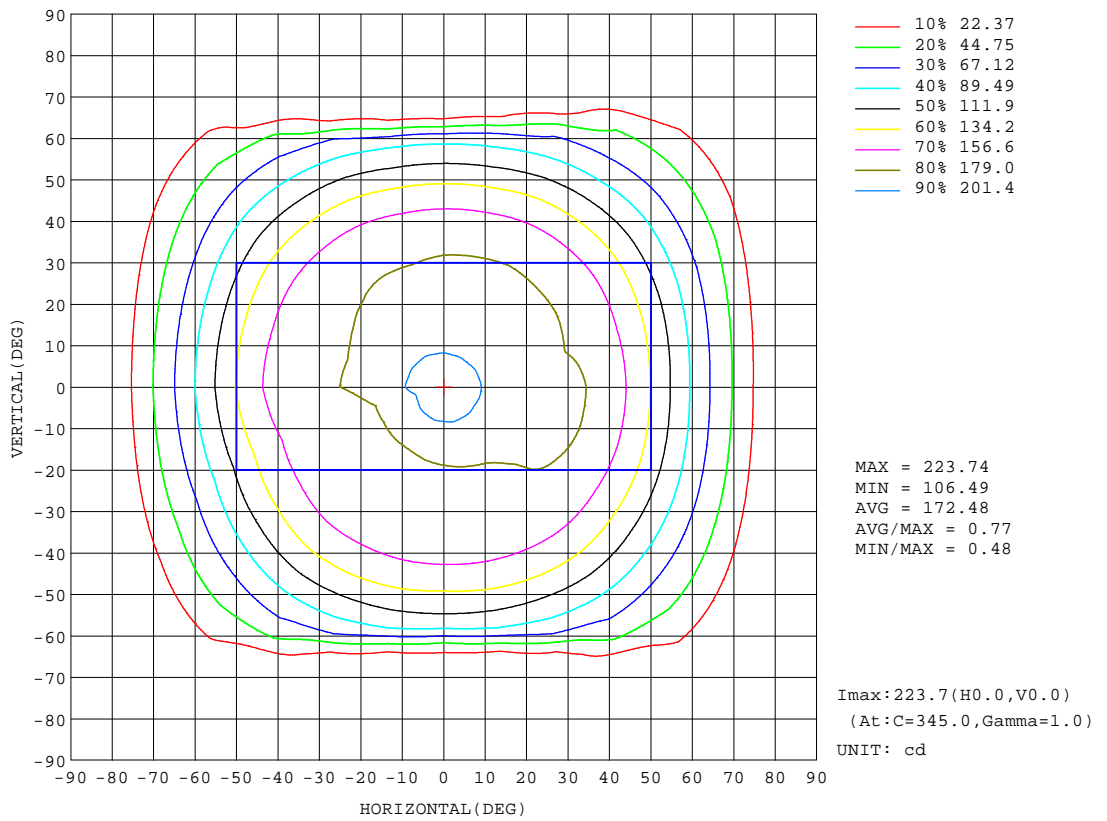
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	58	47	41	57	47	40	34
0.80	70	59	52	69	58	51	67	57	51	44
1.00	79	69	62	78	68	61	76	69	61	54
1.25	86	77	70	85	76	70	82	75	69	62
1.50	91	82	76	90	81	76	87	80	74	67
2.00	98	90	85	96	89	84	93	87	82	75
2.50	102	95	89	100	93	88	96	91	87	79
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	102	108	104	101	103	100	98	89
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:2022-05-29

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:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-29

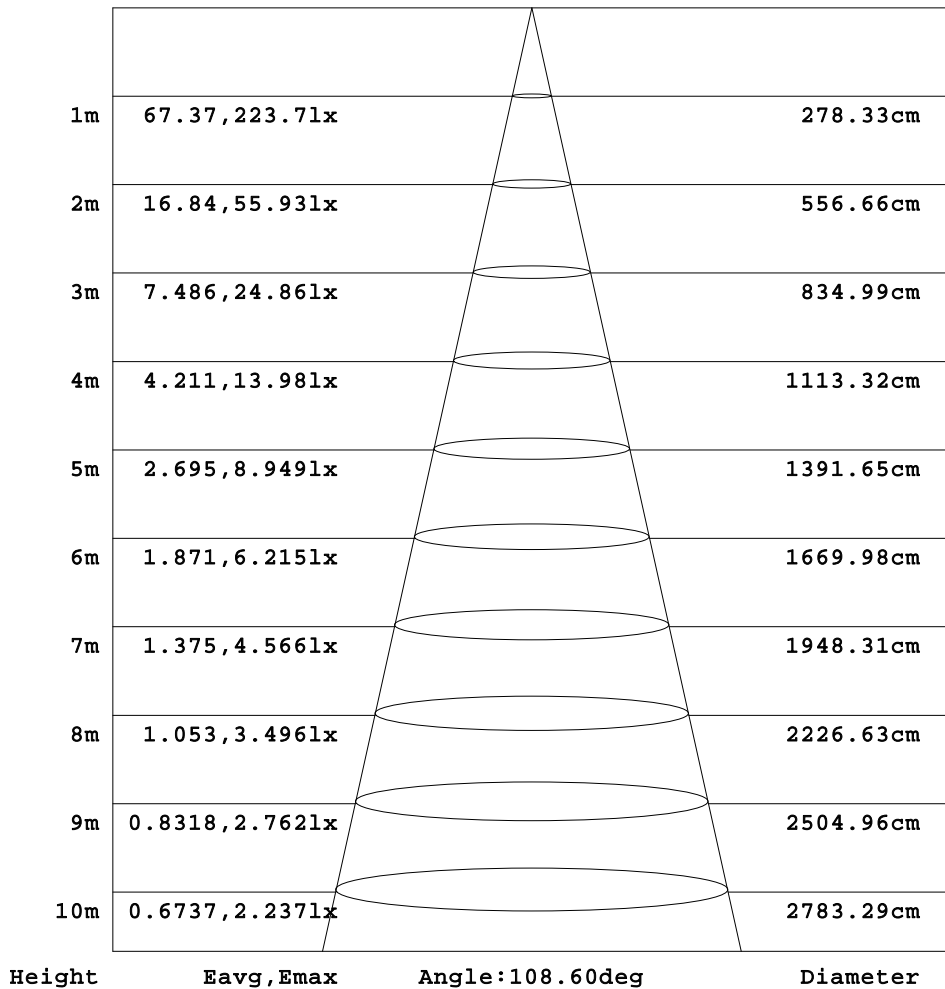
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-3000H\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:9.000m [K=1.0000]  
Remarks:



**AAI Figure**

Test:U:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Flux out:431.7 lm



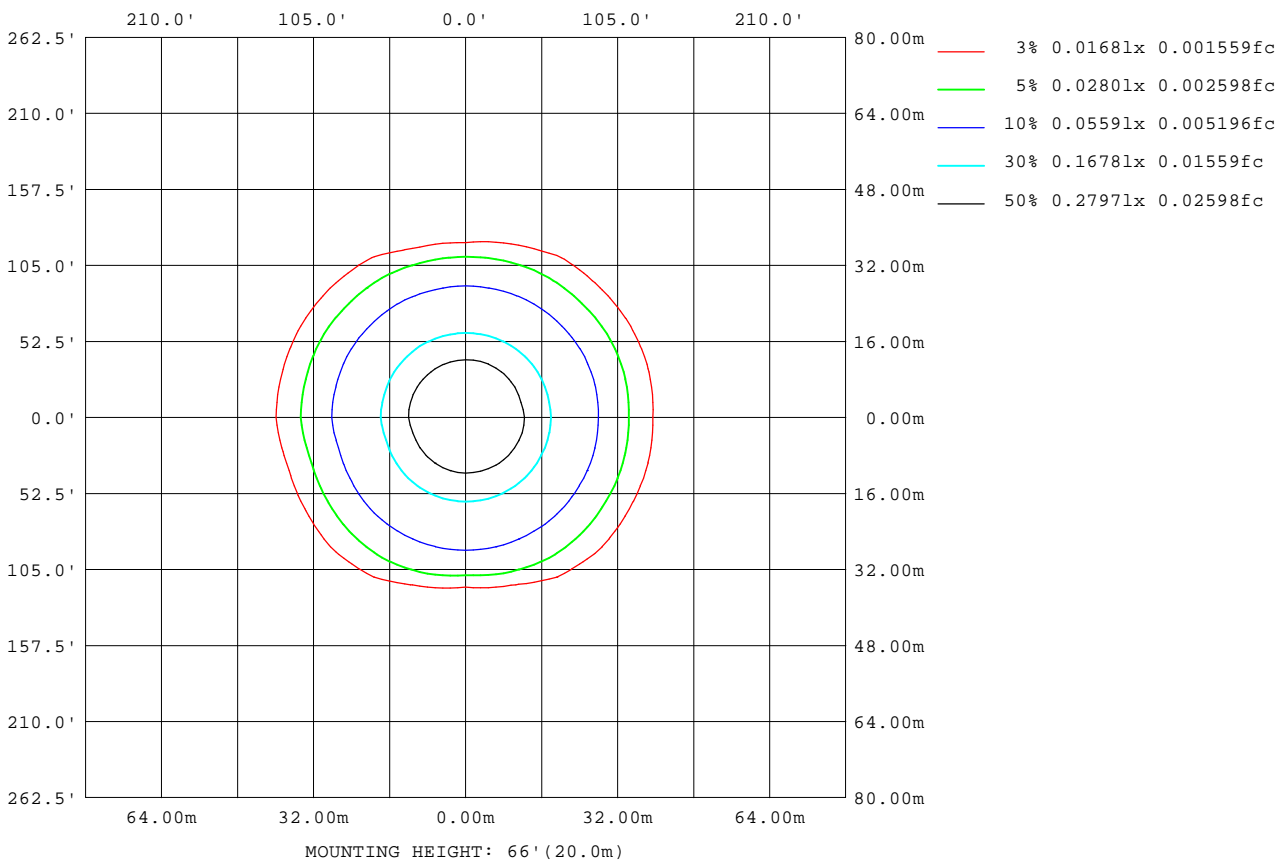
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-29

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:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-29

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:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

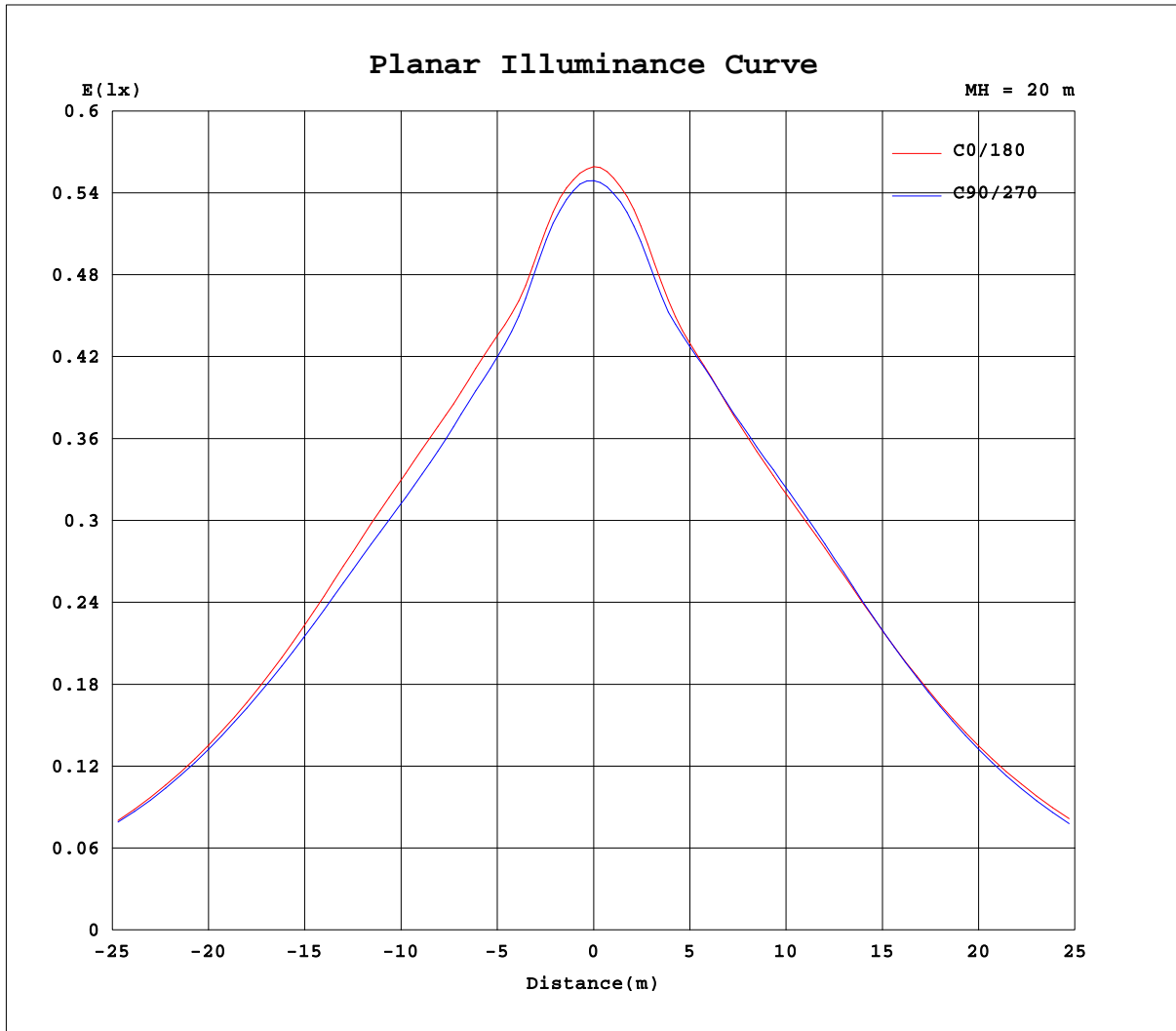
AvgL	cd/m2
L_0~180(65)av	151969
L_0~180(75)av	85422
L_0~180(85)av	16273
L_90~270(65)av	42582
L_90~270(75)av	15155
L_90~270(85)av	508
L_45(65)av	151513
L_45(75)av	21612
L_45(85)av	1535

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2022-05-29

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: 2022-05-29

$\gamma$  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:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	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	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
5	214	214	214	214	213	214	214	214	213	213	211	211	214	213	214	213	213	213	213
10	195	195	195	195	195	196	194	195	194	194	192	192	196	195	195	195	195	194	195
15	187	187	187	186	185	184	183	183	182	183	183	183	184	184	185	185	186	186	187
20	183	183	182	181	179	179	178	178	178	178	177	178	179	179	180	180	181	182	183
25	182	182	180	178	177	176	175	175	175	175	175	175	176	177	178	179	180	181	182
30	180	181	179	177	176	175	175	174	174	173	173	174	175	176	177	178	179	179	181
35	175	176	174	173	172	171	171	171	171	170	169	169	171	172	173	173	174	174	175
40	165	165	164	164	164	164	163	164	163	163	160	160	163	162	164	164	165	165	165
45	151	151	150	151	151	151	150	151	150	149	147	146	150	150	151	150	150	150	150
50	131	132	131	133	133	133	131	133	132	132	128	127	133	132	133	132	131	130	130
55	109	110	109	111	110	111	111	111	110	110	106	105	111	111	111	109	109	107	107
60	85.1	86.7	86.8	87.8	86.9	77.9	67.0	79.7	87.3	86.6	83.6	82.6	88.2	87.6	88.1	86.0	85.3	80.7	79.6
65	62.6	64.0	63.9	64.9	43.2	17.7	16.4	19.2	44.6	64.2	61.7	60.6	65.8	65.0	65.2	63.5	47.5	22.9	19.6
70	42.3	42.7	43.3	32.3	7.39	7.07	7.43	7.21	7.34	30.4	41.4	39.8	44.7	44.4	44.1	29.8	7.94	7.70	7.58
75	20.6	20.8	21.1	4.63	4.29	3.74	3.87	3.95	4.29	4.69	18.7	18.2	23.6	23.6	22.0	5.34	4.77	4.23	3.97
80	3.73	3.64	2.64	1.64	0.58	0.40	0.40	0.34	0.53	1.49	2.38	3.01	4.76	4.59	2.93	1.64	0.43	0.22	0.24
85	1.23	1.03	0.13	0.18	0.15	0.08	0.05	0.08	0.12	0.12	0.09	0.35	1.60	0.75	0.12	0.10	0.08	0.04	0.04
90	0.04	0.07	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.06	0.10	0.10	0.09	0.08	0.07	0.06	0.05

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-29

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:11.828V I:0.6861A P:6.1605W PF:0.7591 Freq:60.00Hz Lamp Flux:542.9x1 lm		
NAME: 486715-MR16-7W-2700K-120°	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:35mm	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345															
0	220	220	220	220	220															
5	213	215	215	216	215															
10	194	196	196	198	198															
15	187	188	188	188	188															
20	184	185	185	185	184															
25	183	184	184	183	182															
30	182	182	182	182	181															
35	176	177	177	177	177															
40	166	168	168	169	168															
45	151	153	154	155	154															
50	131	134	134	136	136															
55	108	110	111	114	114															
60	83.7	86.0	86.6	89.6	90.0															
65	31.8	61.4	63.6	66.4	67.4															
70	7.86	12.8	42.8	45.3	46.7															
75	4.53	5.16	7.71	23.6	25.4															
80	0.28	1.27	2.52	4.41	5.65															
85	0.07	0.12	0.14	0.22	1.74															
90	0.06	0.07	0.09	0.09	0.12															

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2022-05-29

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: