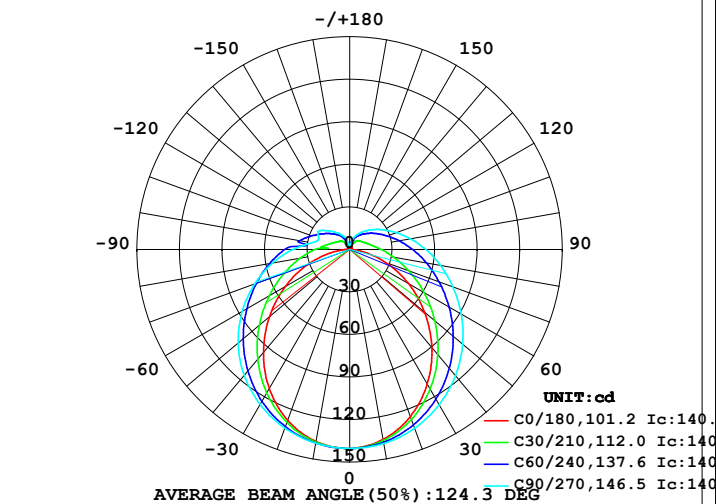


LUMINAIRE PHOTOMETRIC TEST REPORT

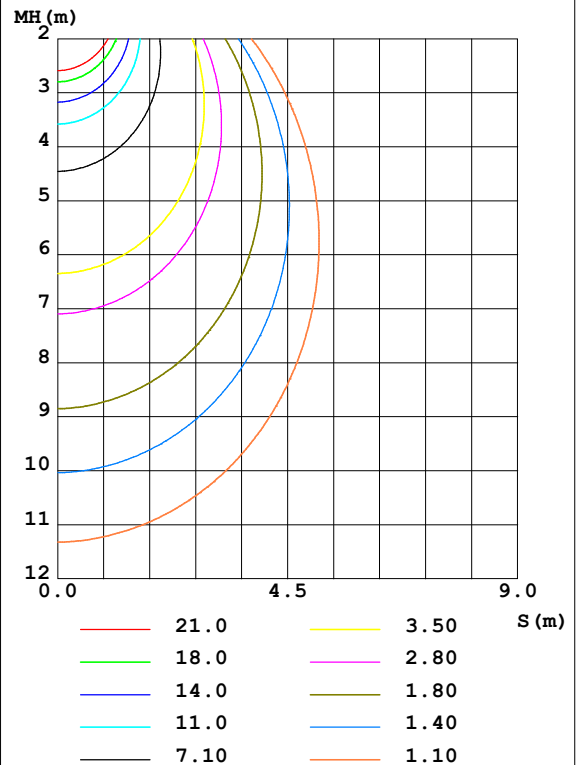
Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.52 lm/W			
MODEL	4000K CRI90	I _{max} (cd)	140.4	S/MH(C0/180)	1.21
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	1.34
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	577.72	η UP,DN(C0-180)	9.3,41.5
NOMINAL FLUX(lm)	577.723	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	7.9,41.4
LAMPS INSIDE	1	η up(%)	17.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	225.1	η down(%)	82.9	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZR
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:8.402m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	136.0	137.4	138.9	138.3	137.5	138.1	138.7	137.3	0- 10	13.28	13.28	2.3,2.3
20	125.4	129.7	134.2	131.4	128.2	131.2	134.0	129.6	10- 20	38.02	51.29	8.88,8.88
30	109.5	117.9	126.3	120.3	113.3	120.3	126.3	118.2	20- 30	57.71	109.0	18.9,18.9
40	90.19	103.3	116.2	106.2	94.68	106.4	115.7	103.7	30- 40	70.15	179.2	31,31
50	69.11	87.34	104.0	90.69	73.89	90.82	102.7	87.60	40- 50	74.57	253.7	43.9,43.9
60	47.72	71.46	90.89	74.88	52.58	75.09	87.55	71.09	50- 60	71.59	325.3	56.3,56.3
70	27.11	56.85	77.49	60.11	31.80	60.47	71.40	55.62	60- 70	63.00	388.3	67.2,67.2
80	9.388	44.44	65.10	47.38	13.12	47.51	55.24	42.06	70- 80	51.27	439.6	76.1,76.1
90	1.248	34.64	53.78	37.14	1.897	36.49	40.09	30.74	80- 90	39.31	478.9	82.9,82.9
100	1.243	26.90	43.67	28.97	1.631	27.80	27.28	21.91	90-100	28.87	507.8	87.9,87.9
110	1.390	21.13	35.01	22.74	1.602	21.54	23.30	15.69	100-110	22.19	530.0	91.7,91.7
120	1.510	16.99	27.80	18.23	1.615	16.98	25.56	12.26	110-120	16.71	546.7	94.6,94.6
130	1.657	13.83	21.96	14.78	1.657	13.58	20.79	10.15	120-130	12.32	559.0	96.8,96.8
140	1.819	11.36	17.05	12.02	1.736	11.06	15.98	8.652	130-140	8.622	567.6	98.2,98.2
150	1.909	8.928	12.96	8.014	1.846	7.389	12.20	7.032	140-150	5.545	573.2	99.2,99.2
160	1.998	6.120	8.908	4.888	1.962	4.590	8.522	5.529	150-160	3.021	576.2	99.7,99.7
170	2.086	4.435	3.804	3.639	2.077	3.510	3.680	4.184	160-170	1.249	577.4	99.9,99.9
180	2.119	2.186	2.236	2.199	2.124	2.223	2.252	2.231	170-180	0.2977	577.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 216.38 lm

%lum = 37.5%

%lamp = 37.5%

Conical surface Flux(120deg): 325.32 lm

%lum = 56.3%

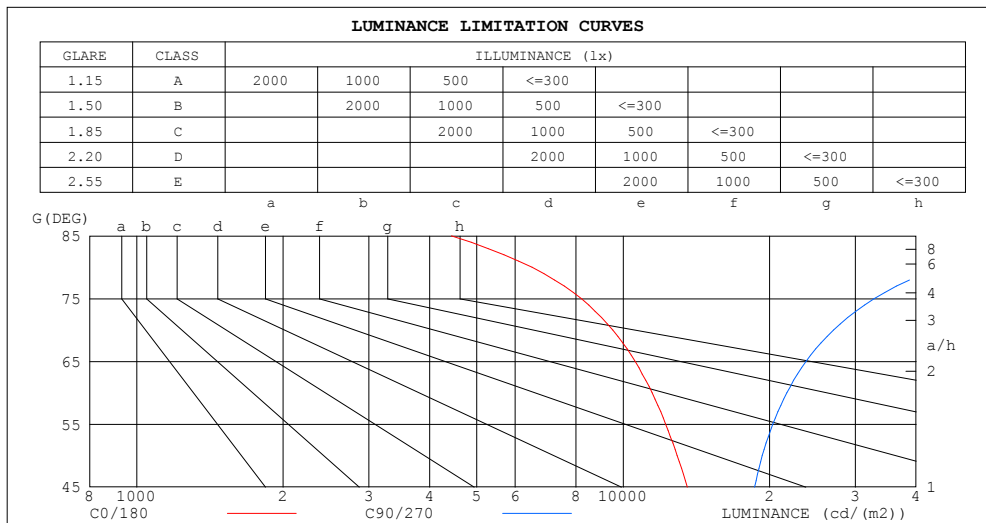
%lamp = 56.3%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZR
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:8.402m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	Shielding Angle:



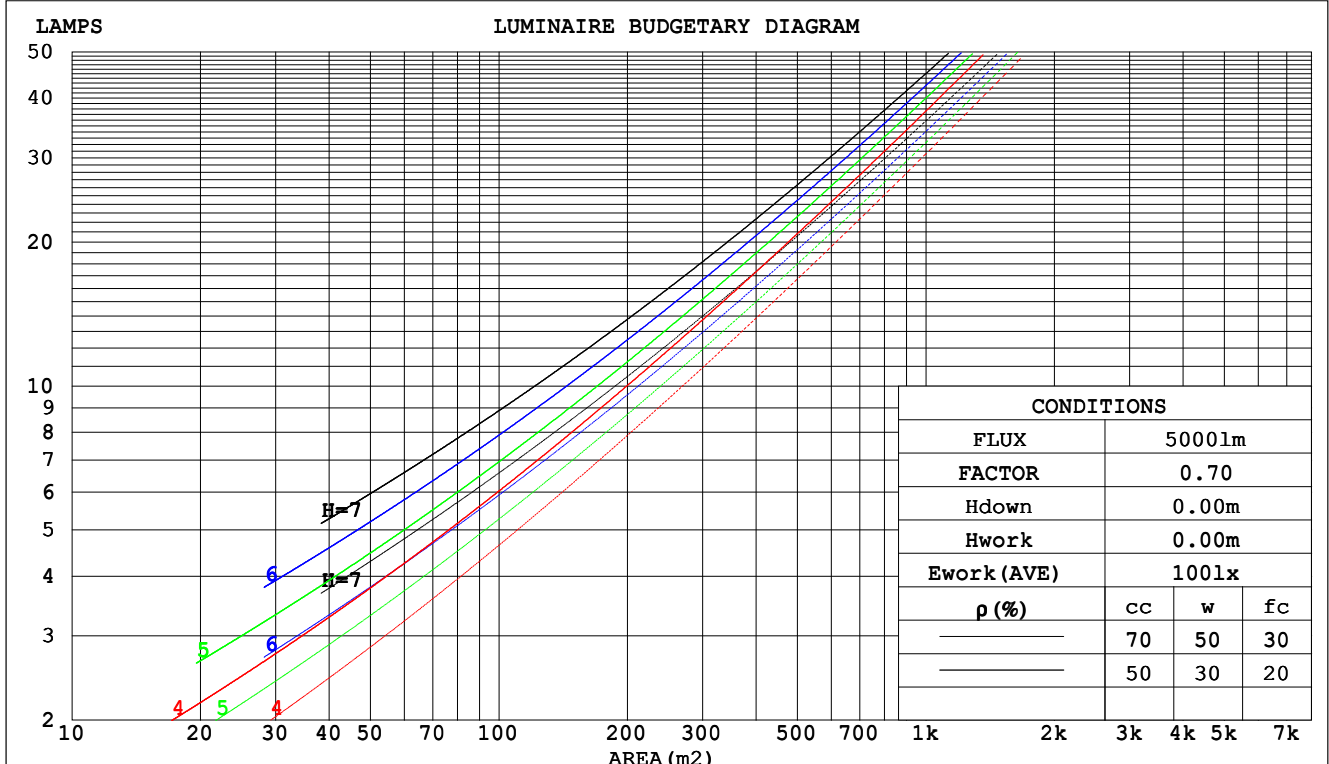
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	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						Coefficients of Utilization(CU)									
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.02	1.02	1.02	.94	.94	.94	.86	.86	.86	.83
1.0	.96	.91	.87	.92	.88	.84	.85	.81	.78	.78	.75	.72	.72	.69	.67	.64
2.0	.83	.75	.69	.79	.72	.67	.73	.67	.62	.67	.63	.58	.62	.58	.55	.51
3.0	.72	.63	.56	.69	.61	.55	.64	.57	.51	.59	.53	.48	.54	.49	.45	.42
4.0	.63	.54	.47	.61	.52	.46	.56	.49	.43	.52	.46	.41	.48	.43	.39	.36
5.0	.56	.47	.40	.54	.46	.39	.50	.43	.37	.46	.40	.35	.43	.38	.33	.31
6.0	.51	.41	.35	.49	.40	.34	.45	.38	.32	.42	.36	.31	.39	.33	.29	.27
7.0	.46	.37	.30	.44	.36	.30	.41	.34	.28	.38	.32	.27	.35	.30	.26	.23
8.0	.42	.33	.27	.40	.32	.26	.37	.30	.25	.35	.29	.24	.32	.27	.23	.21
9.0	.38	.30	.24	.37	.29	.24	.34	.27	.23	.32	.26	.22	.30	.25	.21	.19
10.0	.35	.27	.22	.34	.26	.21	.32	.25	.20	.30	.24	.20	.28	.23	.19	.17



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZR
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:8.402m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	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	.373	.212	.067	.360	.206	.065	.337	.193	.062	.316	.182	.058	.296	.172	.055		
2.0	.325	.178	.055	.314	.173	.053	.293	.163	.051	.273	.153	.048	.256	.145	.046		
3.0	.290	.154	.046	.280	.150	.045	.261	.141	.043	.243	.133	.041	.227	.126	.039		
4.0	.262	.136	.040	.253	.132	.039	.236	.125	.037	.220	.118	.036	.205	.111	.034		
5.0	.239	.122	.035	.230	.118	.034	.215	.112	.033	.200	.106	.031	.187	.100	.030		
6.0	.219	.110	.031	.211	.107	.031	.197	.101	.029	.184	.096	.028	.172	.090	.027		
7.0	.202	.100	.028	.195	.097	.028	.182	.092	.027	.170	.087	.025	.159	.083	.024		
8.0	.188	.092	.026	.182	.089	.025	.170	.085	.024	.158	.080	.023	.148	.076	.022		
9.0	.175	.085	.024	.169	.083	.023	.159	.078	.022	.148	.074	.021	.138	.070	.020		
10.0	.164	.079	.022	.159	.077	.021	.149	.073	.021	.139	.069	.020	.130	.065	.019		

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	.321	.321	.321	.274	.274	.274	.187	.187	.187	.108	.108	.108	.034	.034	.034	
1.0	.316	.287	.261	.270	.246	.224	.185	.169	.155	.106	.098	.090	.034	.032	.029	
2.0	.309	.264	.226	.265	.227	.196	.181	.157	.136	.105	.091	.080	.034	.030	.026	
3.0	.301	.247	.204	.258	.213	.177	.177	.148	.124	.102	.087	.073	.033	.028	.024	
4.0	.294	.235	.190	.252	.203	.165	.173	.141	.116	.100	.083	.069	.032	.027	.023	
5.0	.286	.225	.180	.246	.195	.157	.169	.136	.111	.098	.080	.066	.032	.026	.022	
6.0	.279	.217	.173	.239	.188	.151	.165	.132	.106	.096	.077	.063	.031	.025	.021	
7.0	.272	.210	.168	.234	.182	.146	.161	.128	.103	.094	.075	.062	.030	.025	.020	
8.0	.265	.205	.163	.228	.178	.143	.158	.125	.101	.092	.074	.060	.030	.024	.020	
9.0	.259	.200	.160	.223	.174	.140	.154	.122	.099	.090	.072	.059	.029	.024	.020	
10.0	.253	.196	.158	.218	.170	.138	.151	.120	.098	.088	.071	.058	.029	.023	.019	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-08-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm											
NAME: M20-T44003-6G40-120D						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.:						SUR.:302*27.7		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	21.9	23.2	22.4	23.7	24.3	24.5	25.9	25.0	26.4	26.9	
	23.1	24.4	23.7	24.9	25.5	27.1	28.4	27.6	28.9	29.5	
	23.6	24.8	24.2	25.3	26.0	28.5	29.7	29.1	30.3	30.9	
	23.9	25.0	24.5	25.6	26.2	30.1	31.2	30.7	31.8	32.4	
	24.0	25.1	24.6	25.6	26.3	31.0	32.1	31.6	32.7	33.3	
	24.0	25.1	24.6	25.6	26.3	32.0	33.1	32.6	33.6	34.3	
4H	2H	23.1	24.3	23.6	24.8	25.4	25.0	26.2	25.5	26.7	
	3H	24.6	25.7	25.2	26.3	26.9	27.8	28.9	28.4	29.5	
	4H	25.3	26.3	25.9	26.9	27.6	29.5	30.4	30.1	31.0	
	6H	25.8	26.6	26.4	27.3	28.0	31.3	32.2	31.9	32.8	
	8H	25.9	26.7	26.6	27.4	28.1	32.3	33.1	33.0	33.8	
	12H	26.0	26.8	26.7	27.4	28.2	33.5	34.2	34.1	34.9	
8H	4H	26.5	27.3	27.1	27.9	28.7	29.8	30.6	30.4	31.2	
	6H	27.4	28.1	28.1	28.7	29.5	31.9	32.6	32.6	33.2	
	8H	27.8	28.4	28.5	29.1	29.9	33.1	33.7	33.8	34.4	
	12H	28.0	28.6	28.8	29.3	30.1	34.6	35.1	35.3	35.8	
12H	4H	26.9	27.6	27.5	28.3	29.0	29.8	30.5	30.4	31.2	
	6H	28.0	28.6	28.7	29.3	30.1	32.0	32.6	32.7	33.3	
	8H	28.6	29.1	29.3	29.9	30.7	33.3	33.9	34.1	34.6	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117, 577.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-08-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

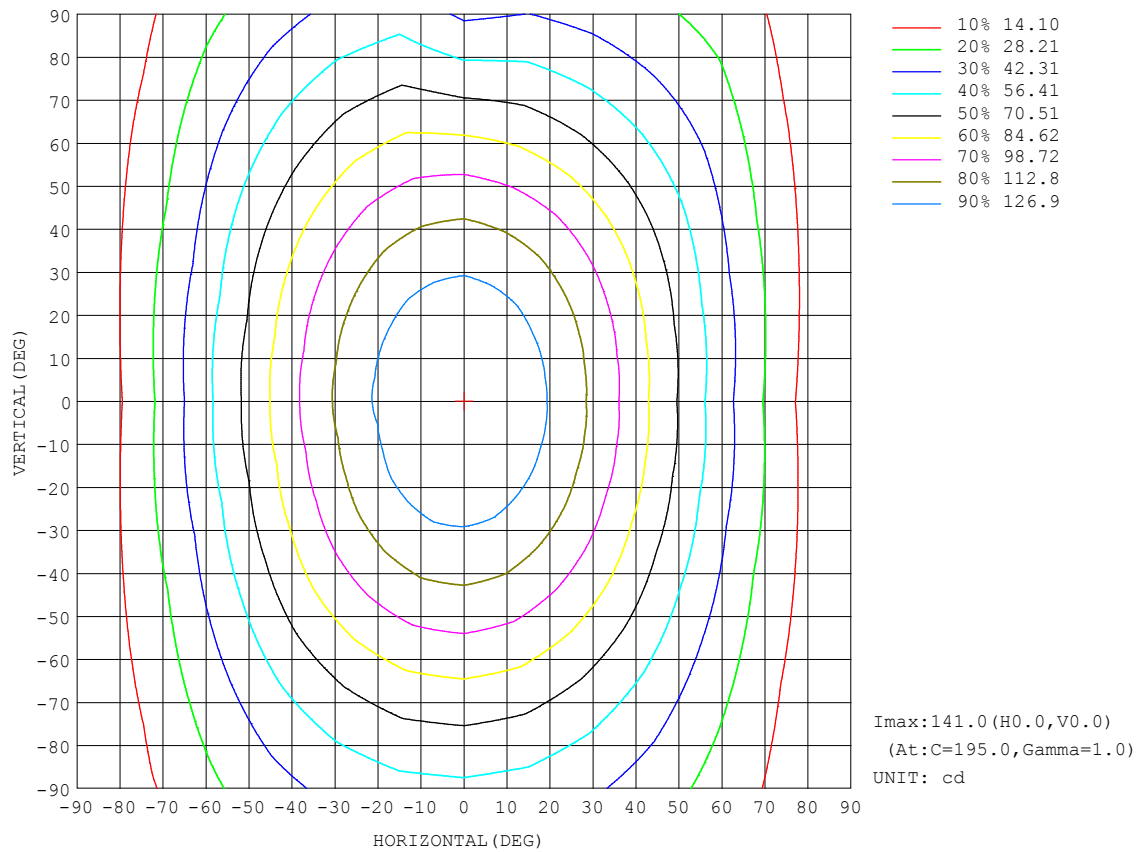
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	Shielding Angle:

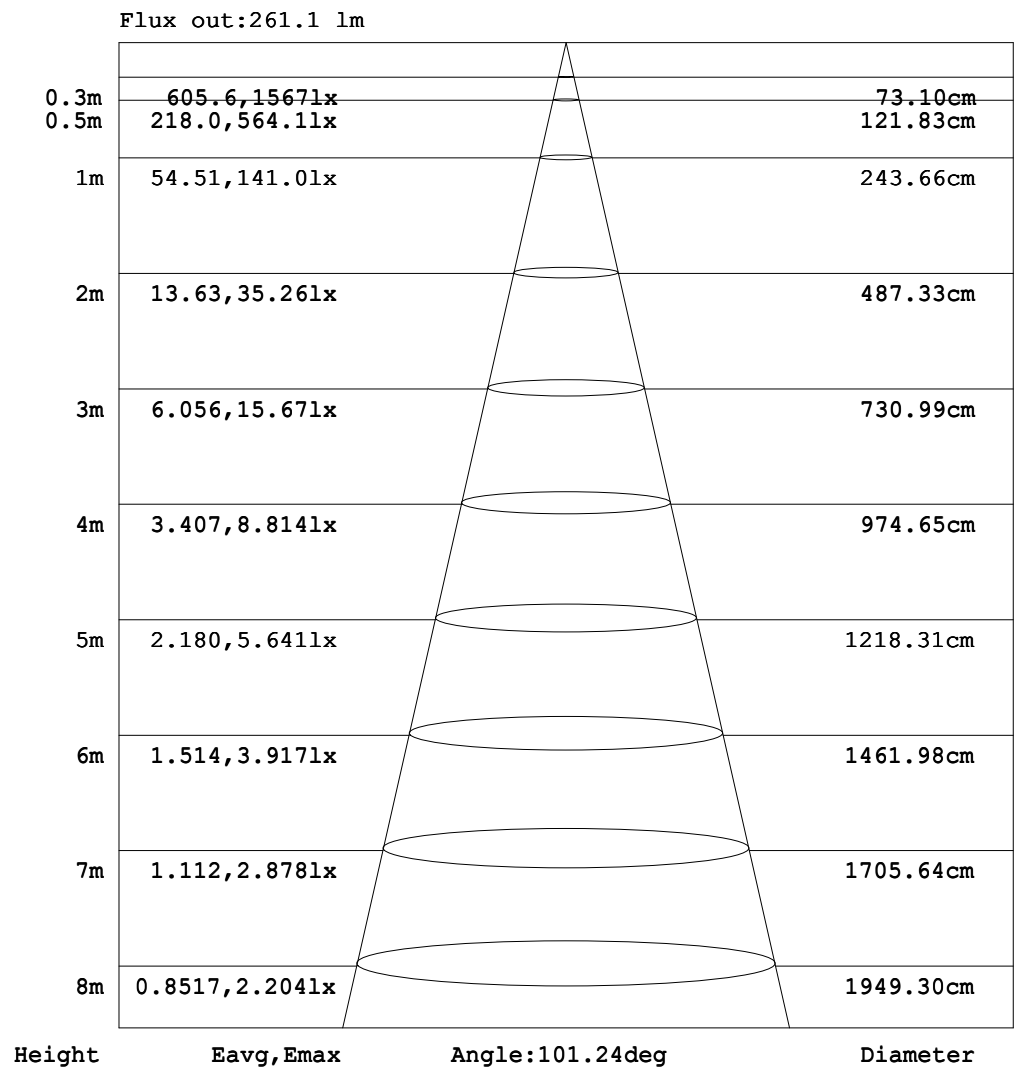


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

AAI Figure

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	Shielding Angle:



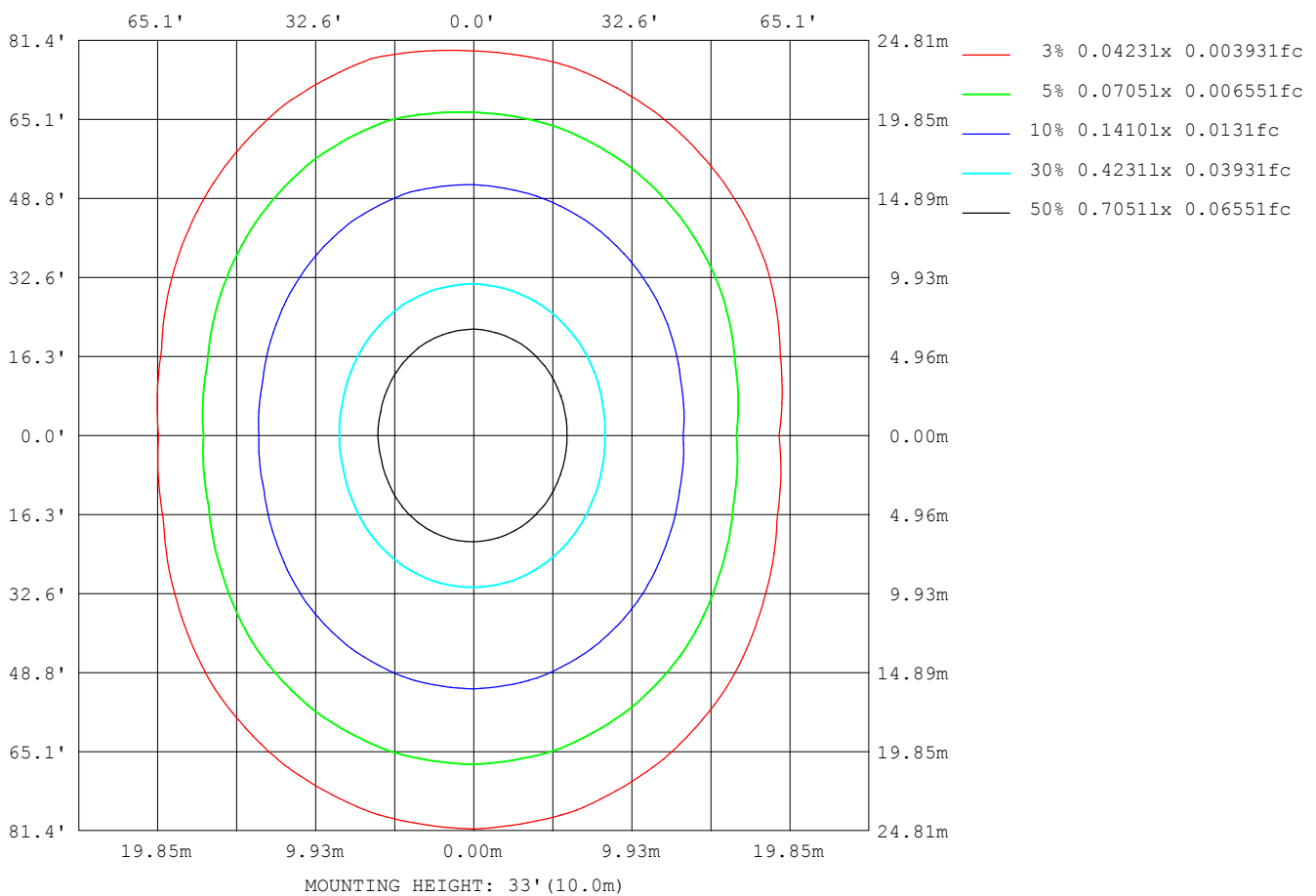
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-08-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-08-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	Shielding Angle:

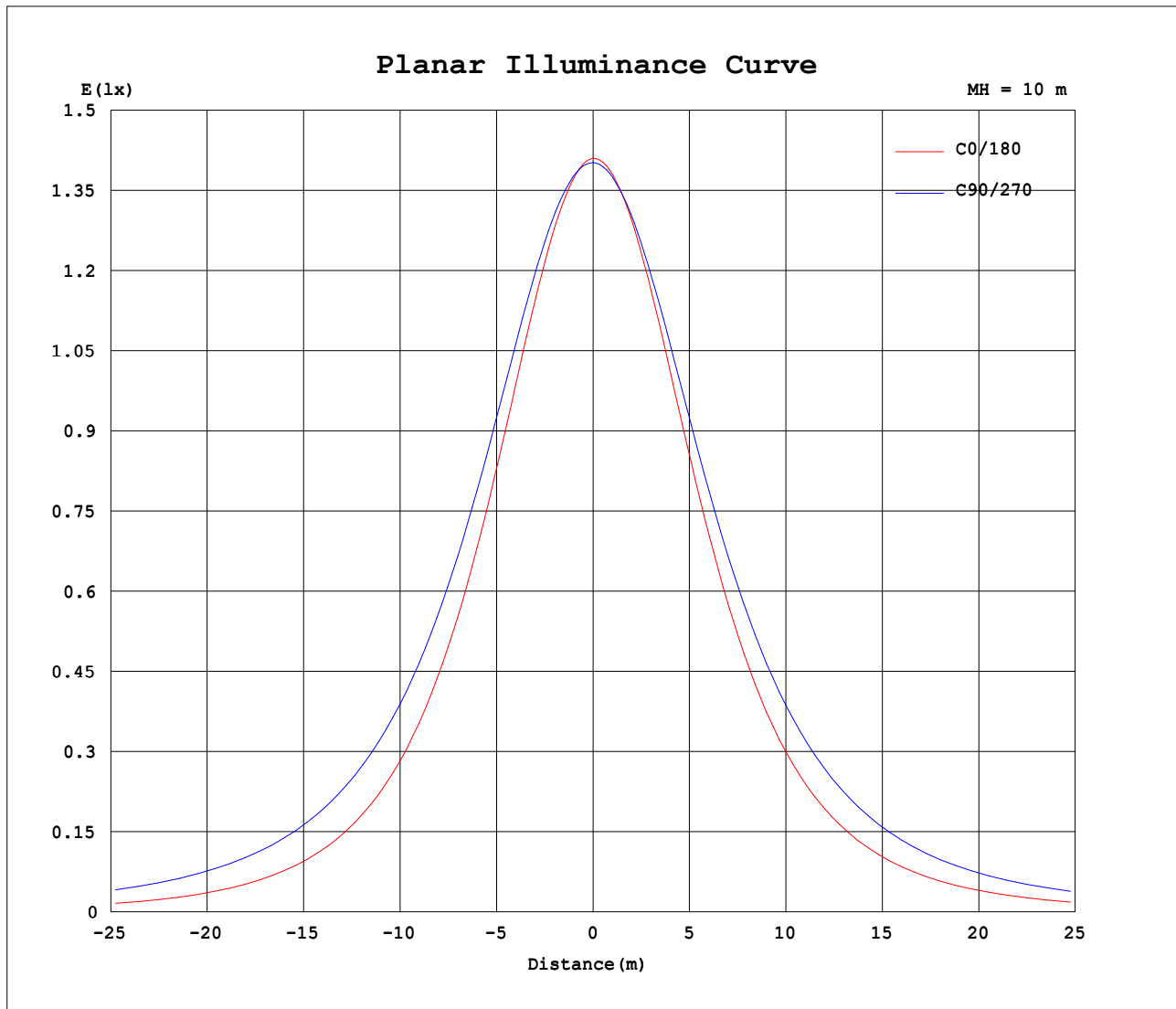
AvgL	cd/m2
L_0~180 (65) av	11222
L_0~180 (75) av	9173
L_0~180 (85) av	6208
L_90~270 (65) av	23145
L_90~270 (75) av	31038
L_90~270 (85) av	73204
L_45 (65) av	18524
L_45 (75) av	23796
L_45 (85) av	54579

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZR
 Test Date:2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
 Humidity:65.0%
 Test Distance:8.402m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZR
Test Date: 2021-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity: 65.0%
Test Distance: 8.402m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	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	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
5	139	139	139	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
10	136	136	137	137	138	139	139	139	139	138	138	137	138	138	138	138	139	139	139
15	131	132	133	134	135	136	137	137	136	135	134	133	134	134	135	135	136	137	137
20	125	126	128	130	132	134	134	134	133	131	129	128	128	128	130	131	133	134	134
25	118	119	121	124	127	130	131	130	129	126	123	121	121	122	124	126	129	130	131
30	110	111	114	118	122	125	126	126	124	120	116	114	113	114	117	120	124	126	126
35	100	102	105	111	116	120	121	121	118	114	108	105	104	105	109	114	118	121	121
40	90.2	92.3	96.7	103	109	114	116	115	112	106	100	95.6	94.7	96.1	101	106	112	115	116
45	79.7	82.3	87.6	95.4	102	108	110	109	105	98.5	91.1	85.7	84.4	86.3	92.2	98.7	105	109	110
50	69.1	72.0	78.5	87.3	95.4	102	104	103	97.9	90.7	82.1	75.6	73.9	76.3	83.3	90.8	98.1	102	103
55	58.4	61.7	69.4	79.3	88.1	95.0	97.5	96.2	90.7	82.8	73.1	65.4	63.2	66.2	74.4	83.0	90.9	95.7	95.3
60	47.7	51.7	60.6	71.5	80.9	88.1	90.9	89.4	83.5	74.9	64.4	55.4	52.6	56.3	65.6	75.1	83.8	89.0	87.5
65	37.2	42.1	52.2	63.9	73.9	81.4	84.1	82.7	76.5	67.3	56.0	45.8	42.1	46.6	57.2	67.6	76.8	82.4	79.5
70	27.1	32.9	44.4	56.8	67.2	74.8	77.5	76.0	69.6	60.1	48.1	36.6	31.8	37.4	49.2	60.5	70.1	75.8	71.4
75	17.7	24.7	37.4	50.3	60.8	68.5	71.1	69.6	63.2	53.4	40.9	28.2	22.0	28.9	41.9	53.8	63.5	69.4	63.3
80	9.39	17.8	31.4	44.4	55.0	62.4	65.1	63.5	57.3	47.4	34.6	20.9	13.1	21.4	35.3	47.5	57.3	63.1	55.2
85	3.22	12.6	26.4	39.3	49.5	56.7	59.3	57.7	51.6	42.0	29.2	15.2	5.83	15.4	29.6	41.7	51.4	57.0	47.5
90	1.25	9.16	22.2	34.6	44.4	51.4	53.8	52.3	46.4	37.1	24.8	10.8	1.90	11.0	24.7	36.5	45.9	50.7	40.1
95	1.24	7.15	18.9	30.5	39.8	46.3	48.5	47.2	41.6	32.8	21.1	8.64	1.66	8.28	20.6	18.8	31.1	35.5	33.2
100	1.24	6.14	16.3	26.9	35.5	41.6	43.7	42.4	37.2	29.0	18.2	7.25	1.63	6.86	17.5	27.8	36.1	39.5	27.3
105	1.32	5.66	14.4	23.8	31.7	37.3	39.2	38.0	33.1	25.6	15.9	6.55	1.60	6.09	15.2	24.4	32.0	36.4	23.9
110	1.39	5.45	12.9	21.1	28.2	33.3	35.0	34.0	29.5	22.7	14.2	6.21	1.60	5.70	13.3	21.5	28.4	32.4	23.3
115	1.44	5.36	11.7	18.9	25.2	29.7	31.2	30.3	26.3	20.3	12.9	6.01	1.60	5.49	11.9	19.1	25.2	28.8	24.9
120	1.51	5.26	10.8	17.0	22.5	26.5	27.8	27.0	23.5	18.2	11.8	5.88	1.62	5.35	10.8	17.0	22.3	25.6	25.6
125	1.59	4.84	10.0	15.3	20.1	23.5	24.8	24.0	21.0	16.4	10.9	5.74	1.62	5.22	9.90	15.1	19.8	22.6	23.6
130	1.66	4.53	9.36	13.8	17.9	20.9	22.0	21.3	18.7	14.8	10.2	5.37	1.66	4.80	9.20	13.6	17.5	19.9	20.8
135	1.74	4.35	8.69	12.5	15.9	18.5	19.4	18.9	16.7	13.4	9.38	4.92	1.69	4.39	8.47	12.3	15.5	17.5	18.3
140	1.82	4.22	7.97	11.4	14.2	16.3	17.1	16.6	14.9	12.0	8.28	4.58	1.74	4.09	7.51	11.1	13.7	15.4	16.0
145	1.84	4.04	6.67	10.1	12.6	14.3	14.9	14.6	13.1	10.1	6.70	4.28	1.78	3.83	6.00	9.20	12.2	13.5	14.0
150	1.91	3.85	5.86	8.93	11.0	12.4	13.0	12.6	10.7	8.01	5.45	4.02	1.85	3.61	4.92	7.39	10.0	11.7	12.2
155	1.95	3.65	5.12	7.04	9.39	10.6	11.0	10.8	8.05	5.97	4.81	3.78	1.89	3.43	4.34	5.45	7.63	10.00	10.4
160	2.00	3.47	4.66	6.12	7.17	8.52	8.91	7.18	5.43	4.89	4.32	3.54	1.96	3.26	3.93	4.59	5.14	6.54	8.52
165	2.05	3.25	4.22	5.12	6.02	6.62	6.39	4.57	4.50	4.20	3.88	3.26	2.02	3.08	3.54	4.00	4.27	4.42	6.15
170	2.09	2.90	3.76	4.43	4.86	4.84	3.80	3.85	3.82	3.64	3.45	2.81	2.08	2.86	3.19	3.51	3.66	3.75	3.68
175	2.10	2.46	3.06	3.51	3.70	3.23	3.17	3.16	3.15	3.00	2.82	2.42	2.13	2.52	2.83	3.01	3.07	3.15	3.06
180	2.12	2.15	2.17	2.19	2.24	2.24	2.24	2.21	2.20	2.20	2.21	2.18	2.12	2.17	2.17	2.22	2.23	2.27	2.25

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-08-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.00V I:0.1099A P:5.275W PF:1.000 Freq:50.00Hz Lamp Flux:577.723x1 lm		
NAME: M20-T44003-6G40-120D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:302*27.7	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	140	140	140	140	140														
5	140	140	139	139	139														
10	138	138	137	137	137														
15	136	135	134	133	132														
20	133	132	130	128	127														
25	129	127	124	122	120														
30	125	122	118	115	112														
35	119	116	111	107	103														
40	113	109	104	98.0	93.2														
45	107	102	95.7	89.2	83.3														
50	99.7	94.6	87.6	80.3	73.2														
55	92.3	86.8	79.3	71.4	63.1														
60	84.7	78.9	71.1	62.7	53.2														
65	77.2	71.2	63.1	54.4	43.7														
70	69.8	63.7	55.6	46.6	34.7														
75	62.5	56.6	48.6	39.5	26.6														
80	55.4	49.8	42.1	33.2	19.6														
85	48.7	43.5	36.1	27.8	14.0														
90	42.5	37.8	30.7	23.2	10.1														
95	36.7	32.6	26.0	19.4	7.85														
100	31.4	28.0	21.9	16.6	6.60														
105	26.6	23.8	18.5	14.4	5.90														
110	22.3	20.2	15.7	12.7	5.56														
115	18.6	17.3	13.7	11.4	5.36														
120	15.9	15.1	12.3	10.3	5.20														
125	13.8	13.3	11.0	9.50	4.82														
130	12.3	11.9	10.1	8.85	4.25														
135	11.3	10.8	9.41	8.15	4.06														
140	10.5	9.94	8.65	7.51	3.92														
145	9.87	9.00	7.77	6.39	3.75														
150	9.32	7.83	7.03	5.43	3.56														
155	8.77	6.76	6.12	4.75	3.39														
160	7.59	5.46	5.53	4.33	3.21														
165	6.19	4.59	4.80	3.89	3.00														
170	4.56	3.68	4.18	3.52	2.63														
175	3.13	2.79	3.39	2.86	2.29														
180	2.22	2.18	2.23	2.18	2.16														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZR
Test Date:2021-08-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:8.402m [K=1.0000]
Remarks: