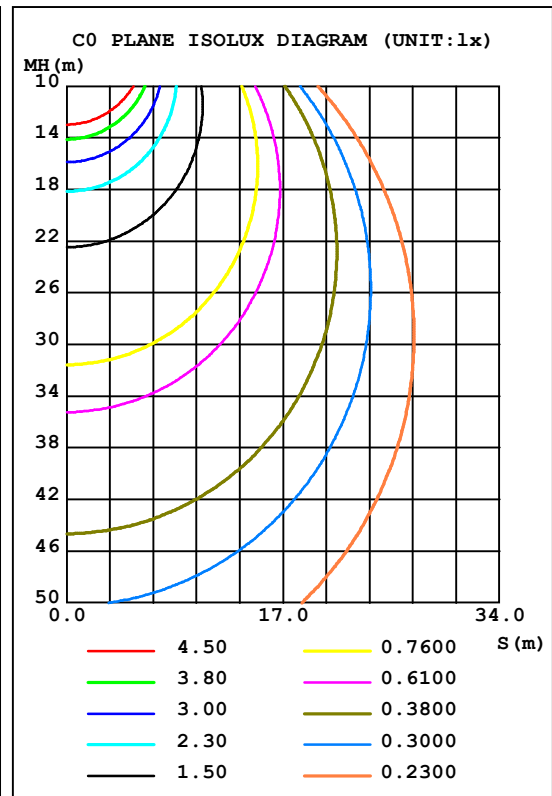
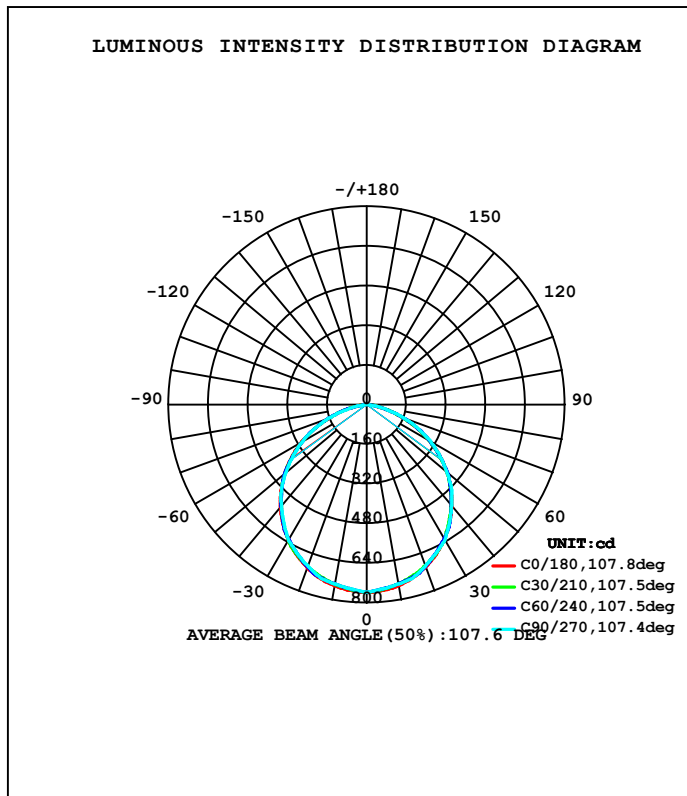


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.09 lm/W			
MODEL	8074-0002	I _{max} (cd)	758.1	S/MH (C0/180)	1.24
NOMINAL POWER (W)	20	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1971.3	η UP, DN (C0-180)	0.0, 49.9
NOMINAL FLUX (lm)	1971.28	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

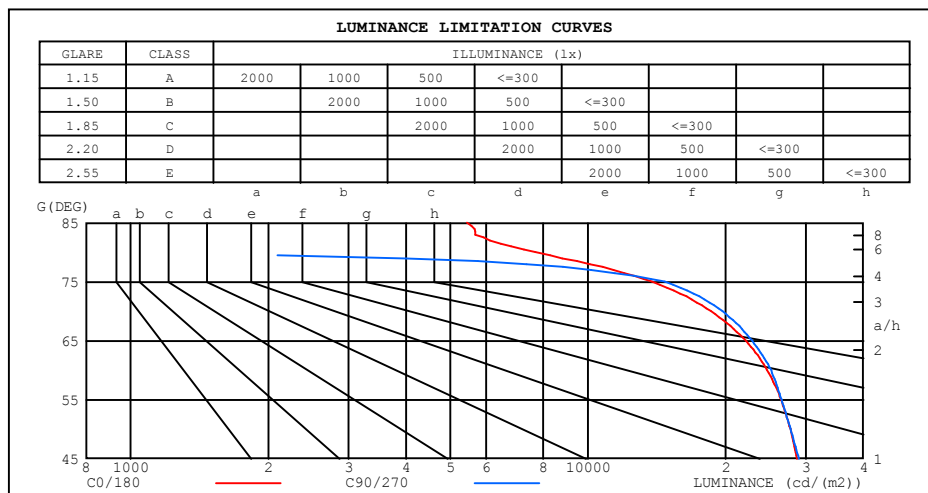
ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	φ zone	φ total	%lum,lamp
5	753.5	747.7	747.0	748.2	753.4	748.4	747.0	747.7	0- 5	17.98	17.98	0.91,0.91
10	742.1	734.7	736.3	735.5	743.8	735.9	736.3	734.9	5- 10	53.12	71.10	3.61,3.61
15	723.9	718.0	725.6	720.1	726.8	720.7	725.7	718.1	10- 15	86.47	157.6	7.99,7.99
20	699.1	698.0	694.3	701.6	702.4	702.4	694.6	698.4	15- 20	116.9	274.4	13.9,13.9
25	666.5	662.9	663.0	666.5	670.9	667.5	663.6	662.3	20- 25	142.6	417.0	21.2,21.2
30	627.9	623.0	631.8	627.0	633.4	627.8	632.5	622.6	25- 30	163.4	580.5	29.4,29.4
35	584.3	581.5	583.3	585.4	590.1	586.8	584.5	581.2	30- 35	178.5	759.0	38.5,38.5
40	535.3	536.5	534.7	540.3	542.3	542.1	536.5	536.4	35- 40	186.8	945.8	48,48
45	481.4	478.6	486.2	483.8	489.2	486.1	488.5	479.2	40- 45	188.6	1134	57.5,57.5
50	423.7	420.8	423.8	426.3	431.7	429.0	425.9	421.6	45- 50	183.8	1318	66.9,66.9
55	360.7	362.3	361.5	368.4	370.4	371.4	363.3	363.1	50- 55	171.4	1490	75.6,75.6
60	293.2	292.5	299.1	298.2	304.1	301.3	300.8	292.8	55- 60	152.5	1642	83.3,83.3
65	222.5	223.8	229.7	229.0	233.9	232.0	231.5	223.5	60- 65	127.7	1770	89.8,89.8
70	151.4	156.9	160.2	161.6	162.6	164.4	162.2	156.5	65- 70	97.88	1868	94.7,94.7
75	85.05	92.69	90.78	96.94	95.49	99.52	92.99	92.72	70- 75	65.52	1933	98.1,98.1
80	31.70	31.75	0	34.72	38.44	36.64	0	31.98	75- 80	31.48	1965	99.7,99.7
85	11.29	0	0	0	13.64	0	0	0	80- 85	6.074	1971	100,100
90	0	0	0	0	0.0023	0	0	0	85- 90	0.5174	1971	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			

DEG LUMINOUS INTENSITY:cd

UNIT:lm



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5450	0
80	7678	0
75	13820	14751
70	18619	19701
65	22138	22854
60	24657	25158
55	26447	26503
50	27718	27729
45	28630	28915

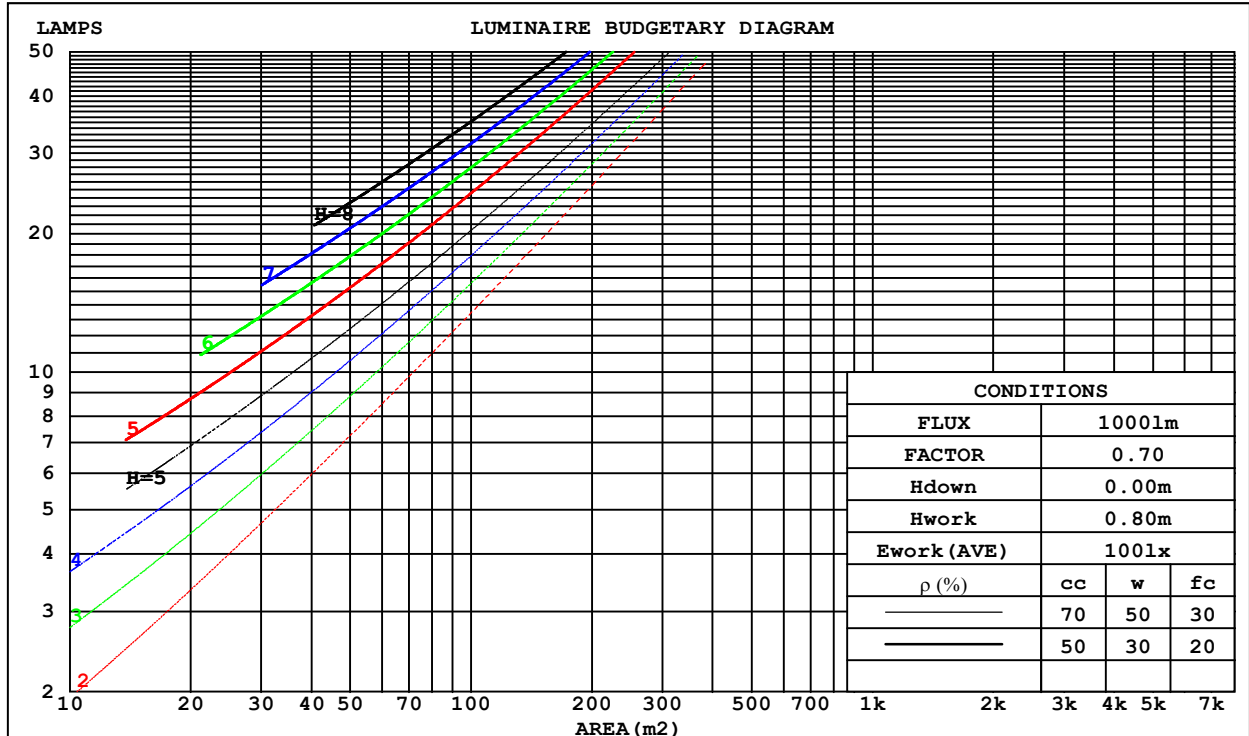
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.05	1.02	.98	1.03	.90	.96	.99	.96	.93	.95	.93	.91	.92	.90	.88	.86
2.0	.92	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.77	.74	.72
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.74	.69	.65	.72	.67	.64	.61
4.0	.72	.64	.57	.71	.63	.57	.69	.62	.56	.66	.60	.56	.64	.59	.55	.53
5.0	.65	.56	.50	.64	.56	.49	.62	.54	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.58	.50	.43	.57	.49	.43	.56	.48	.43	.54	.47	.42	.52	.47	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.44	.36	.31	.44	.36	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.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: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

WEC AND CCEC

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.280	.159	.051	.273	.156	.050	.260	.149	.048	.248	.143	.046	.237	.137	.044	
2.0	.272	.149	.046	.266	.146	.045	.254	.141	.044	.244	.137	.043	.234	.132	.042	
3.0	.256	.136	.041	.250	.134	.040	.240	.130	.040	.231	.127	.039	.222	.123	.038	
4.0	.239	.124	.036	.234	.122	.036	.225	.119	.036	.216	.116	.035	.209	.113	.035	
5.0	.222	.113	.033	.218	.112	.033	.210	.109	.032	.203	.107	.032	.196	.105	.031	
6.0	.207	.104	.030	.204	.103	.030	.196	.101	.029	.190	.099	.029	.183	.097	.029	
7.0	.194	.096	.027	.190	.095	.027	.184	.093	.027	.178	.091	.027	.172	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024	
9.0	.171	.083	.023	.168	.082	.023	.163	.080	.023	.158	.079	.023	.153	.078	.023	
10.0	.161	.077	.021	.158	.076	.021	.154	.075	.021	.149	.074	.021	.145	.073	.021	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.178	.156	.137	.153	.134	.118	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.170	.132	.100	.145	.114	.087	.100	.079	.061	.057	.046	.035	.018	.015	.012	
3.0	.162	.114	.076	.139	.099	.066	.095	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.154	.101	.060	.132	.087	.052	.091	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.147	.090	.048	.126	.078	.042	.087	.055	.030	.050	.032	.018	.016	.010	.006	
6.0	.140	.082	.040	.120	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.133	.075	.034	.115	.065	.030	.079	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.127	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.105	.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: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

UGR(Unified Glare Rating) Table

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm										
NAME: 8074-0002					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:174mm			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	24.2	25.6	24.4	25.8	26.0	24.2	25.7	24.5	25.9	26.1
3H	25.3	26.6	25.6	26.9	27.1	25.4	26.8	25.7	27.0	27.3
4H	25.6	26.8	25.9	27.1	27.3	25.8	27.0	26.1	27.3	27.5
6H	25.6	26.8	26.0	27.1	27.4	25.7	27.0	26.1	27.2	27.5
8H	25.6	26.8	25.9	27.1	27.3	25.7	26.9	26.0	27.1	27.4
12H	25.6	26.7	25.9	27.0	27.3	25.6	26.8	26.0	27.0	27.4
4H 2H	24.7	26.0	25.0	26.2	26.5	24.8	26.0	25.1	26.3	26.5
3H	25.9	27.1	26.3	27.3	27.6	26.1	27.2	26.4	27.5	27.8
4H	26.3	27.3	26.7	27.6	28.0	26.5	27.5	26.9	27.8	28.2
6H	26.4	27.3	26.8	27.7	28.0	26.5	27.4	26.9	27.8	28.1
8H	26.4	27.3	26.8	27.6	28.0	26.5	27.3	26.9	27.7	28.0
12H	26.4	27.2	26.9	27.6	28.0	26.4	27.2	26.8	27.6	28.0
8H 4H	26.4	27.3	26.8	27.6	28.0	26.6	27.4	27.0	27.8	28.2
6H	26.6	27.3	27.1	27.7	28.1	26.6	27.3	27.1	27.7	28.2
8H	26.7	27.3	27.1	27.7	28.1	26.6	27.2	27.1	27.6	28.1
12H	26.7	27.2	27.2	27.6	28.1	26.6	27.1	27.0	27.5	28.0
12H 4H	26.4	27.2	26.8	27.5	27.9	26.6	27.3	27.0	27.7	28.1
6H	26.6	27.2	27.1	27.6	28.1	26.6	27.2	27.1	27.6	28.1
8H	26.6	27.2	27.1	27.6	28.1	26.6	27.1	27.1	27.5	28.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				

CIE Pub.117 Corrected 1971 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.4)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

UTILIZATION FACTORS TABLE

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	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) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	58	48	41	57	47	41	35
0.80	70	58	51	69	58	51	67	57	51	44
1.00	78	67	60	77	67	60	75	68	60	53
1.25	85	75	69	84	75	68	81	73	67	60
1.50	90	81	74	89	80	74	86	78	73	66
2.00	97	89	83	95	88	82	92	86	81	73
2.50	101	93	88	99	92	87	95	89	85	77
3.00	104	97	92	102	96	91	98	93	89	81
4.00	108	102	98	105	101	97	101	97	94	86
5.00	110	105	102	107	104	100	103	100	97	88
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

ISOCANDELA DIAGRAM

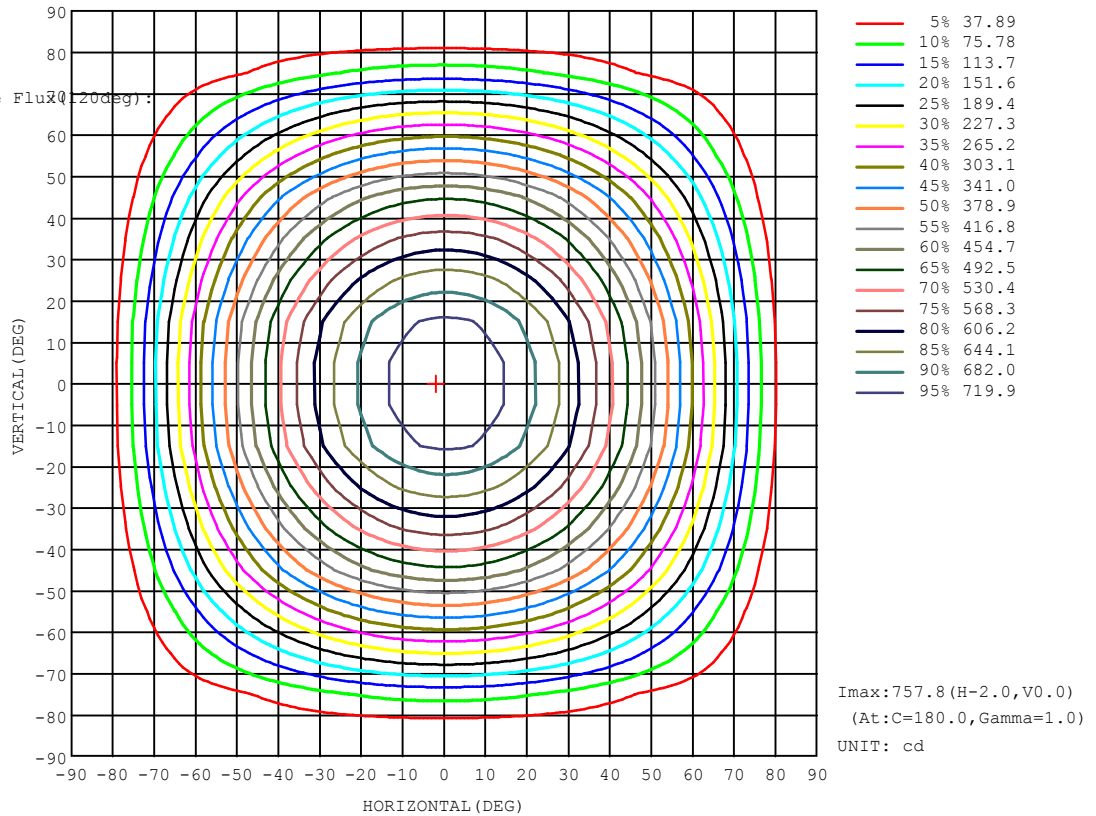
Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

1134.5 lm
%lum = 57.5%
%lamp = 57.5%

Conical surface Flux(20deg):

1642.2 lm
%lum = 83.3%
%lamp = 83.3%



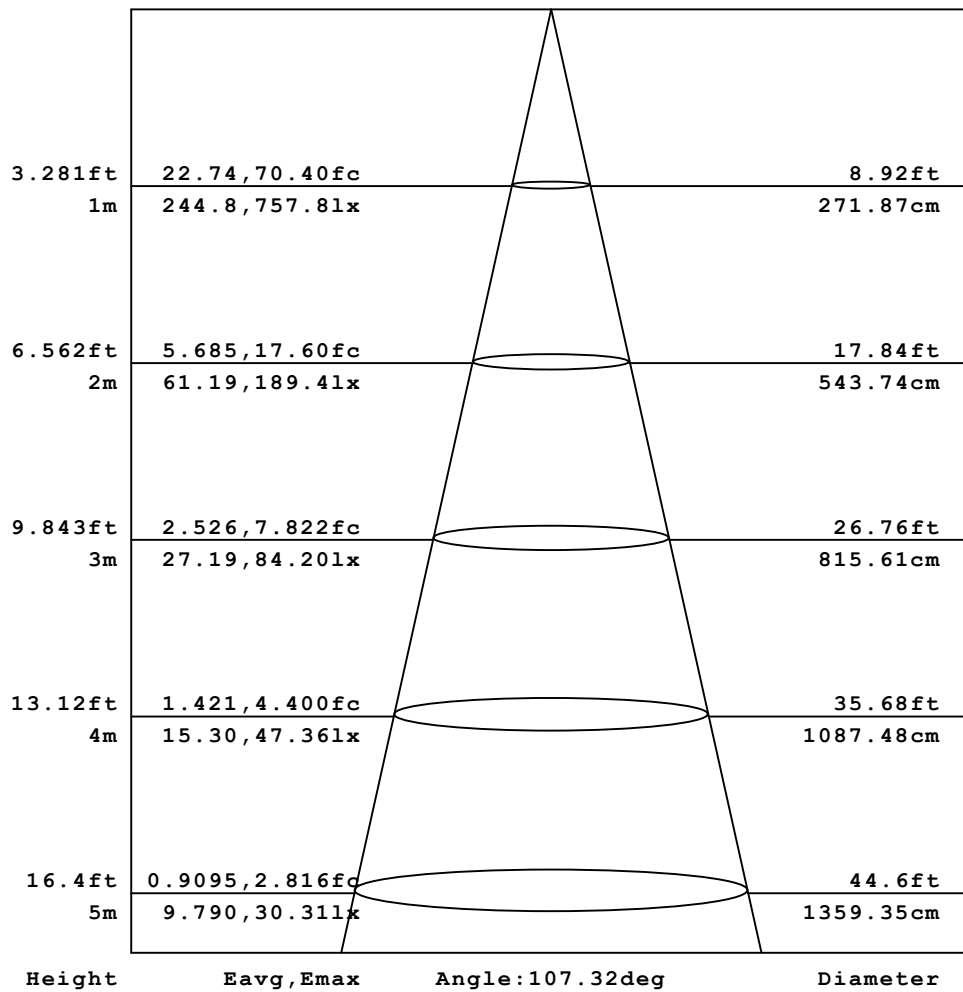
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-06-30

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:13.160m [K=1.0000]
Remarks: D0205-GM-NW2

AAI Figure

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:

Flux out:1457 lm



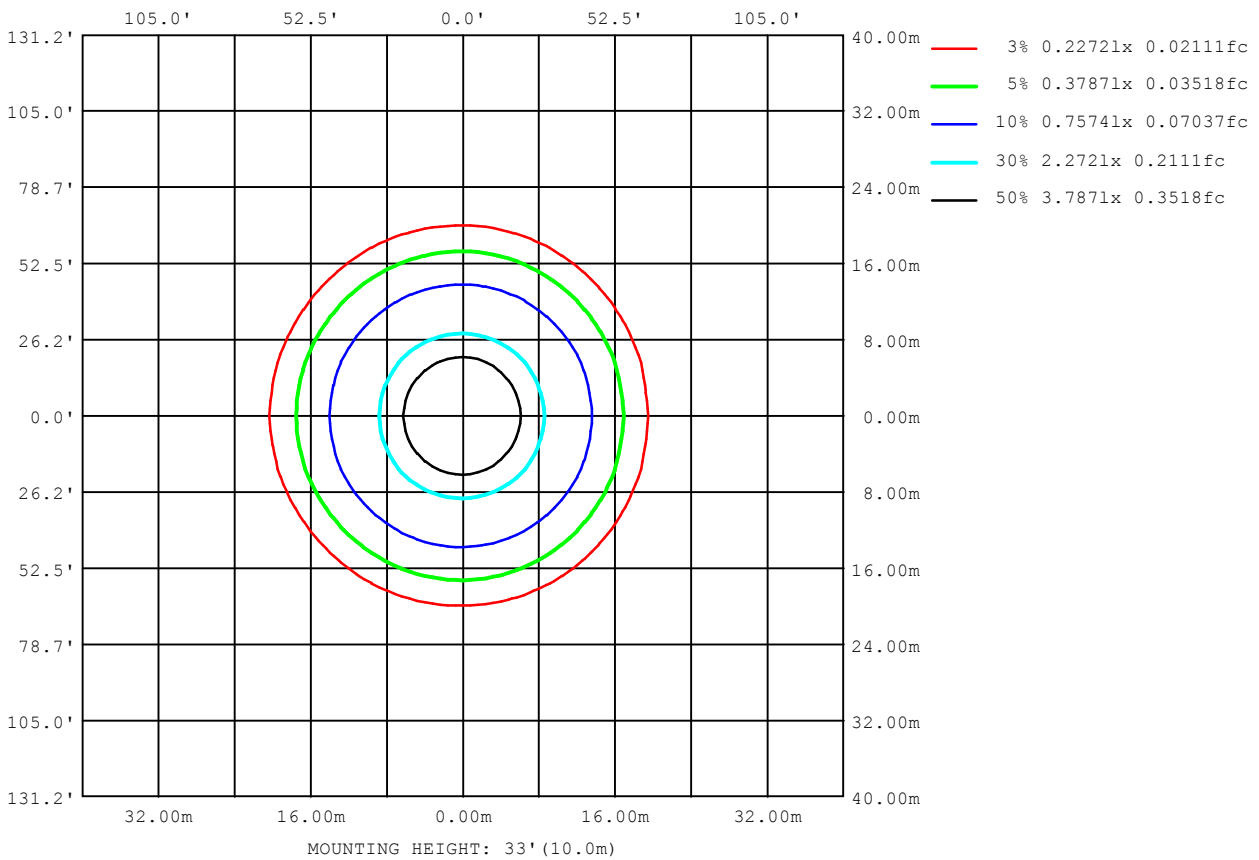
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

ISOLUX DIAGRAM

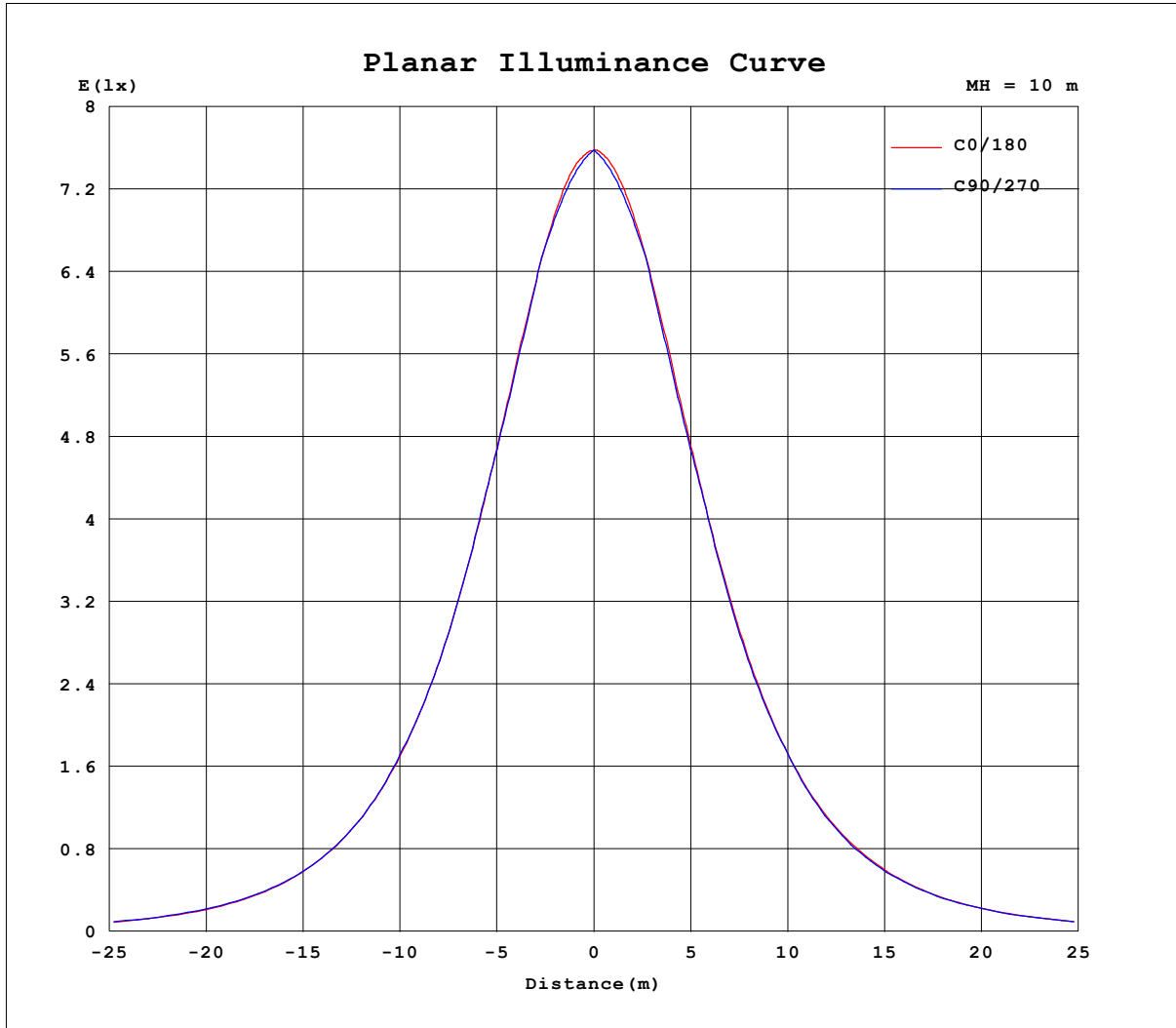
Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758
5	753	753	752	751	750	750	749	749	748	748	747	747	747	747	747	747	747	747	747
10	742	740	739	738	737	736	736	735	735	735	735	735	735	735	735	735	736	736	736
15	724	721	719	718	717	716	716	717	717	718	719	720	721	722	723	724	725	725	726
20	699	696	693	692	691	692	692	694	696	698	698	697	696	695	694	694	694	694	694
25	666	663	660	659	659	661	664	667	664	663	662	661	661	661	662	662	663	663	663
30	628	624	621	621	623	626	627	625	623	623	623	624	626	627	628	630	631	631	632
35	584	580	578	579	582	582	580	579	580	581	583	586	585	584	583	583	583	583	583
40	535	530	529	532	534	531	530	532	535	537	534	533	533	533	533	534	534	534	535
45	481	477	477	481	478	477	479	483	480	479	479	479	480	481	483	484	485	486	486
50	424	419	420	421	419	421	424	421	420	421	423	425	425	424	424	423	424	424	424
55	361	356	359	357	358	361	358	358	360	362	361	360	359	359	360	360	361	361	361
60	293	289	291	290	294	291	291	295	293	292	293	293	294	295	296	297	298	299	299
65	222	219	220	223	221	222	223	223	223	224	225	227	227	228	228	229	229	229	230
70	151	150	150	151	152	152	153	154	155	157	158	158	159	159	159	159	160	160	160
75	85.1	84.0	85.4	85.6	86.4	87.0	89.7	92.2	92.9	92.7	92.2	91.6	91.0	90.7	90.4	90.3	90.4	90.5	90.8
80	31.7	31.9	32.3	34.5	36.0	40.4	40.6	38.1	34.5	31.8	28.5	24.3	19.5	14.5	9.81	5.75	2.64	0.67	0.00
85	11.3	11.1	11.9	12.3	11.2	5.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758
5	747	747	747	747	747	747	748	748	748	749	749	749	750	750	751	752	753	753	753
10	736	736	736	736	736	736	736	736	736	736	736	737	737	738	739	741	742	744	742
15	726	725	725	724	724	723	722	721	720	719	719	719	719	720	721	722	724	727	724
20	694	695	695	696	697	698	699	702	702	699	698	696	695	695	695	697	699	702	699
25	663	663	663	663	663	664	664	665	666	669	671	669	666	664	664	665	667	671	667
30	632	632	631	630	629	628	627	627	627	628	630	633	632	629	628	628	629	633	630
35	584	584	584	585	587	588	590	587	585	585	585	586	589	589	586	585	586	590	586
40	535	535	535	535	535	536	537	538	540	539	537	537	538	542	540	537	538	542	538
45	486	486	486	485	484	484	483	483	484	485	488	485	484	486	490	485	485	489	485
50	424	425	425	426	427	429	430	428	426	426	427	430	428	427	430	429	428	432	428
55	362	362	362	362	363	363	364	366	368	366	364	365	368	366	366	370	366	370	367
60	299	299	299	298	298	297	297	297	298	300	302	299	299	302	299	303	300	304	301
65	230	230	231	231	231	231	230	230	229	229	230	231	230	230	232	231	231	234	232
70	161	161	161	162	162	162	162	162	162	161	160	160	161	161	160	160	162	163	163
75	91.2	91.6	92.3	93.0	93.7	94.6	95.4	96.2	96.9	97.4	97.2	95.4	93.8	93.9	94.2	93.6	94.6	95.5	95.3
80	0.68	2.67	5.89	10.1	15.1	20.5	25.9	30.8	34.7	37.9	41.4	44.0	44.2	40.4	39.1	37.9	37.8	38.4	38.5
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.74	12.0	13.8	13.3	13.2	13.6	13.9
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:

Table--3

UNIT: cd

C (DEG) \ γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758
5	752	751	750	750	750	749	749	748	748	748	748	748	748	748	748	747	747	747	747
10	741	739	738	738	737	736	736	736	736	736	736	736	737	737	737	737	736	736	736
15	722	721	720	720	719	719	720	721	722	722	723	724	725	726	726	726	726	726	725
20	697	696	695	696	697	698	700	702	702	700	699	697	697	696	696	695	695	695	695
25	665	664	664	666	669	672	670	668	666	665	664	664	664	664	664	664	664	663	663
30	628	628	630	632	633	630	629	628	628	628	629	630	631	632	632	633	633	632	631
35	585	586	589	590	587	586	586	587	589	591	589	588	586	586	585	585	585	584	584
40	537	540	543	539	538	539	541	542	540	539	538	537	537	537	537	537	537	536	536
45	486	491	487	485	487	490	488	486	485	486	486	487	488	488	489	489	488	488	487
50	430	431	429	430	432	429	428	429	431	432	432	430	429	428	427	426	426	426	425
55	370	367	368	370	367	367	369	371	369	367	366	365	365	365	364	364	363	363	362
60	304	301	304	301	302	305	303	301	300	300	300	300	301	301	301	301	301	300	299
65	232	234	232	233	234	232	232	232	233	233	234	233	233	233	233	232	232	231	231
70	161	162	163	163	162	162	163	164	165	165	165	165	164	164	163	163	162	162	161
75	95.1	96.0	95.8	95.6	97.4	99.3	99.8	99.5	98.9	98.2	97.2	96.4	95.5	94.7	94.0	93.5	93.0	92.6	92.4
80	39.1	40.3	41.7	45.5	45.5	43.0	39.9	36.6	32.3	27.0	21.3	15.7	10.5	6.06	2.75	0.69	0.00	0.69	2.70
85	13.7	14.6	12.7	6.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.6V I:0.0932A P:19.50W PF:0.9527 Lamp Flux:1971.28x1 lm		
NAME: 8074-0002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:174mm	PROTECTION ANGLE:

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	758	758	758	758	758	758	758	758	758	758	758	758	758	758	758				
5	747	747	747	747	747	747	748	748	749	749	750	750	751	752	753				
10	736	736	735	735	735	735	735	735	735	736	736	737	738	739	740				
15	725	724	723	721	720	719	718	717	717	717	717	717	718	719	721				
20	695	695	695	696	697	698	698	696	693	692	691	691	691	693	696				
25	663	662	662	661	662	661	662	664	666	663	661	659	659	660	663				
30	630	629	627	626	624	623	623	623	624	626	626	623	621	621	623				
35	584	584	585	585	586	583	581	579	579	579	582	581	578	578	579				
40	535	534	534	533	533	535	536	534	532	530	530	534	531	529	530				
45	485	484	483	481	480	479	479	481	483	479	477	477	480	476	476				
50	425	425	426	427	426	424	422	420	421	424	421	419	421	419	418				
55	362	361	361	360	361	361	363	360	358	358	360	358	356	359	356				
60	298	297	296	295	293	293	293	293	295	291	290	293	289	291	289				
65	230	230	229	228	227	225	224	223	222	223	221	220	222	219	219				
70	161	161	160	160	159	158	156	155	153	152	152	151	150	149	150				
75	92.3	92.3	92.3	92.4	92.5	92.6	92.7	92.5	91.7	88.8	86.1	85.5	84.7	84.2	83.4				
80	5.90	10.1	14.9	19.9	24.7	28.9	32.0	34.6	37.9	40.2	39.7	35.2	33.8	31.7	31.4				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25	10.9	11.9	11.6	11.5				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7
2.5	756.1	755.6	755.2	754.8	754.4	754.1	753.8	753.5	753.3	753.1
5.0	753.5	752.6	751.7	750.9	750.2	749.6	749.0	748.6	748.1	747.7
7.5	749.0	747.6	746.4	745.3	744.4	743.7	743.1	742.6	742.2	741.7
10.0	742.1	740.4	738.9	737.7	736.8	736.2	735.5	735.1	734.8	734.7
12.5	734.0	731.9	730.1	728.7	727.6	727.0	726.5	726.2	726.4	726.9
15.0	723.9	721.4	719.4	717.9	717.0	716.4	716.4	716.6	717.3	718.0
17.5	712.2	709.4	707.2	705.7	704.8	704.6	705.1	705.8	706.9	708.5
20.0	699.1	695.8	693.3	691.6	691.1	691.6	692.5	693.9	696.0	698.0
22.5	683.2	679.7	677.4	676.3	676.1	677.1	678.5	681.0	683.9	682.0
25.0	666.5	662.7	660.3	659.3	659.4	660.9	663.7	667.2	664.4	662.9
27.5	647.9	643.9	641.7	641.0	642.0	644.3	647.7	646.1	644.3	643.0
30.0	627.9	623.6	621.4	621.3	623.1	626.4	626.9	624.7	623.1	623.0
32.5	606.2	601.9	599.9	600.4	602.7	607.1	603.8	602.2	601.9	602.2
35.0	584.3	579.7	577.8	578.6	582.0	582.4	579.7	579.2	579.8	581.5
37.5	560.3	555.7	554.2	555.8	560.0	557.0	555.4	555.5	557.5	560.1
40.0	535.3	530.5	529.2	531.7	534.0	531.1	530.3	531.7	534.6	536.5
42.5	508.9	504.1	503.5	507.0	506.3	504.3	505.0	507.4	510.2	507.7
45.0	481.4	476.7	476.7	480.8	478.0	477.1	478.9	483.1	480.2	478.6
47.5	452.9	448.1	448.6	452.1	448.8	449.2	452.7	452.4	450.3	449.9
50.0	423.7	418.7	419.9	421.1	419.0	421.0	423.8	420.9	420.2	420.8
52.5	392.4	387.8	390.0	389.3	388.7	392.5	390.9	389.3	389.9	392.0
55.0	360.7	356.1	359.3	356.8	357.9	360.7	357.7	357.6	359.7	362.3
57.5	327.4	323.1	326.9	323.7	326.7	325.7	324.6	326.0	329.0	327.3
60.0	293.2	289.2	291.4	290.0	293.8	290.8	291.3	294.5	293.1	292.5
62.5	258.1	254.5	255.6	256.2	257.1	256.0	258.3	258.4	257.8	258.0
65.0	222.5	219.4	219.8	222.7	220.8	221.8	223.2	222.6	223.0	223.8
67.5	186.6	184.4	184.3	186.8	185.6	187.3	187.3	187.7	188.7	190.1
70.0	151.4	150.2	150.1	150.8	151.7	152.3	152.8	153.7	155.2	156.9
72.5	117.5	116.9	117.6	116.9	118.3	118.8	119.6	121.4	123.5	124.4
75.0	85.05	84.04	85.41	85.64	86.42	87.01	89.67	92.20	92.87	92.69
77.5	55.42	54.59	55.70	57.39	57.45	60.57	64.17	64.52	63.27	61.58
80.0	31.70	31.94	32.35	34.54	36.00	40.39	40.62	38.12	34.53	31.75
82.5	18.34	18.60	19.61	19.95	22.81	22.68	18.73	14.58	9.883	4.270
85.0	11.29	11.12	11.94	12.27	11.18	5.340	0	0	0	0
87.5	0.2929	3.025	4.651	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7
2.5	752.9	752.8	752.7	752.7	752.6	752.5	752.4	752.3	752.3	752.4
5.0	747.3	747.0	746.9	746.8	746.8	747.0	747.1	747.0	747.0	747.1
7.5	741.5	741.4	741.3	741.1	741.0	741.1	741.5	741.6	741.6	741.8
10.0	734.8	734.9	735.0	735.4	735.5	735.5	735.7	736.2	736.3	736.5
12.5	727.2	727.7	728.4	728.9	729.7	730.0	730.1	730.8	730.9	731.0
15.0	718.9	720.1	721.1	722.3	723.2	724.4	724.7	725.2	725.6	725.5
17.5	710.3	711.8	712.5	711.4	710.8	710.4	710.0	709.7	709.9	710.1
20.0	698.3	696.9	695.6	694.9	694.5	694.2	694.2	694.0	694.3	694.5
22.5	680.3	679.2	678.7	678.2	678.1	678.2	678.5	678.3	678.7	678.9
25.0	661.8	661.2	661.2	661.3	661.7	662.0	662.7	662.7	663.0	663.3
27.5	642.9	643.1	643.4	644.2	645.0	645.8	646.7	647.0	647.4	647.7
30.0	623.3	624.4	625.6	627.0	628.3	629.7	630.7	631.2	631.8	632.0
32.5	603.8	605.5	607.6	609.4	608.4	608.1	607.5	607.2	607.5	608.0
35.0	583.5	586.4	585.2	584.1	583.3	583.1	583.0	582.9	583.3	583.7
37.5	562.1	560.1	559.0	558.5	558.2	558.3	558.6	558.7	559.0	559.4
40.0	534.3	533.1	532.7	532.9	533.0	533.5	534.1	534.5	534.7	535.1
42.5	506.5	506.2	506.5	507.1	507.9	508.8	509.5	510.2	510.4	510.8
45.0	478.7	479.2	480.1	481.4	482.7	484.0	485.0	485.9	486.2	486.5
47.5	450.6	452.1	453.8	455.7	455.5	455.1	454.8	454.9	455.0	455.5
50.0	422.5	424.8	425.2	424.0	423.5	423.3	423.5	423.7	423.8	424.2
52.5	394.7	393.2	392.2	391.7	391.7	391.7	392.2	392.4	392.6	393.0
55.0	360.6	359.6	359.3	359.5	359.8	360.1	360.7	361.1	361.5	361.7
57.5	326.4	326.3	326.5	327.1	327.8	328.6	329.3	329.8	330.3	330.5
60.0	292.5	292.8	293.8	294.9	295.9	297.1	297.9	298.5	299.1	299.3
62.5	258.7	259.7	261.3	262.7	263.0	263.4	263.7	264.0	264.4	264.7
65.0	225.2	226.7	227.5	228.0	228.3	228.7	228.9	229.3	229.7	230.0
67.5	191.5	192.4	193.0	193.5	193.7	194.0	194.3	194.6	194.9	195.3
70.0	157.9	158.4	158.8	159.0	159.2	159.4	159.6	159.9	160.2	160.6
72.5	124.8	124.8	124.8	124.8	124.8	124.8	125.0	125.2	125.5	125.9
75.0	92.17	91.62	91.04	90.68	90.43	90.30	90.36	90.53	90.78	91.16
77.5	60.03	58.67	56.61	54.05	51.33	48.83	46.90	45.71	45.39	46.03
80.0	28.51	24.29	19.46	14.51	9.811	5.753	2.636	0.6717	0	0.6765
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

Photometric Data Table [cd]

87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7
2.5	752.5	752.7	752.9	753.1	753.2	753.3	753.4	753.5	753.6	753.7
5.0	747.4	747.4	747.4	747.4	747.4	747.6	747.8	748.2	748.7	749.1
7.5	741.9	741.7	741.6	741.6	741.8	741.9	741.9	742.2	742.8	743.3
10.0	736.3	736.1	736.0	735.9	735.7	735.8	735.7	735.5	735.7	736.1
12.5	730.7	730.5	730.3	729.9	729.5	728.9	728.5	728.2	728.2	728.3
15.0	725.3	724.9	724.4	723.6	722.6	721.6	720.9	720.1	719.4	719.1
17.5	710.6	711.2	712.1	713.0	714.2	714.2	712.5	711.3	710.3	708.9
20.0	694.8	695.4	695.9	696.5	697.9	699.3	701.6	701.6	699.4	697.6
22.5	679.0	679.3	679.6	679.9	680.9	682.2	683.6	685.6	685.6	685.1
25.0	663.2	663.2	663.1	663.3	663.6	664.4	665.2	666.5	668.8	671.3
27.5	647.4	647.2	646.2	646.3	646.0	646.0	646.2	647.1	648.6	651.0
30.0	631.5	631.0	629.9	629.0	628.2	627.4	627.0	627.0	627.7	629.5
32.5	608.3	609.3	610.3	611.5	610.1	608.5	607.3	606.3	606.3	607.5
35.0	583.9	584.3	585.4	586.6	587.9	589.5	587.1	585.4	584.6	584.5
37.5	559.5	559.6	560.3	560.8	561.9	563.5	565.8	564.2	562.0	561.3
40.0	535.1	535.0	535.2	535.5	535.9	536.6	538.1	540.3	539.5	537.2
42.5	510.6	510.3	510.3	509.9	509.9	510.1	510.7	512.2	515.0	513.2
45.0	486.2	485.7	485.4	484.4	483.8	483.0	482.9	483.8	485.5	488.5
47.5	456.0	457.0	458.1	459.1	457.7	456.4	455.4	455.1	455.9	458.0
50.0	424.6	425.3	426.1	427.4	429.2	429.7	427.8	426.3	426.0	427.1
52.5	393.2	393.7	394.2	395.0	396.1	397.8	400.1	397.7	396.1	395.7
55.0	361.9	362.1	362.2	362.6	363.0	364.2	365.9	368.4	366.2	364.4
57.5	330.5	330.5	330.3	330.2	330.2	330.6	331.4	333.2	335.7	333.2
60.0	299.2	298.9	298.4	297.8	297.8	297.1	297.3	298.2	299.6	302.0
62.5	265.0	265.2	265.4	265.6	264.6	263.8	263.3	263.4	264.1	265.5
65.0	230.3	230.5	230.7	230.8	230.7	230.5	229.5	229.0	229.0	229.6
67.5	195.6	195.9	196.1	196.3	196.3	196.2	195.7	194.9	194.4	194.3
70.0	160.9	161.3	161.7	161.9	162.2	162.2	162.1	161.6	160.6	159.9
72.5	126.2	126.8	127.3	127.8	128.3	128.6	128.9	128.9	128.5	127.1
75.0	91.61	92.26	92.99	93.73	94.57	95.36	96.18	96.94	97.43	97.24
77.5	47.58	49.99	53.02	56.35	59.71	62.38	63.89	65.53	67.28	68.70
80.0	2.674	5.891	10.14	15.13	20.53	25.88	30.76	34.72	37.90	41.35
82.5	0	0	0	0	0	0	0	4.676	10.91	16.16
85.0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7
2.5	754.4	754.7	755.0	755.4	755.8	756.2	756.6	756.2	755.8	755.4
5.0	749.5	749.9	750.4	751.1	751.8	752.5	753.4	752.5	751.8	751.1
7.5	743.6	744.1	744.8	745.7	746.8	748.0	749.3	748.0	746.8	745.8
10.0	736.6	737.3	738.2	739.3	740.6	742.1	743.8	742.1	740.6	739.4
12.5	728.4	728.8	729.6	730.7	732.2	734.1	736.2	734.1	732.3	730.8
15.0	719.4	719.4	719.7	720.8	722.3	724.3	726.8	724.4	722.4	721.0
17.5	708.3	708.0	708.2	709.1	710.6	712.7	715.5	712.8	710.7	709.4
20.0	696.1	695.3	694.8	695.3	696.8	699.1	702.4	699.3	697.0	695.6
22.5	682.6	681.1	680.6	680.5	681.5	683.4	686.6	683.5	681.7	680.8
25.0	668.5	665.8	664.1	663.9	664.9	667.2	670.9	667.3	665.1	664.1
27.5	653.0	649.6	647.4	646.4	646.8	648.9	652.7	649.0	646.8	646.5
30.0	632.6	632.3	629.0	627.6	627.6	629.5	633.4	629.6	627.8	628.0
32.5	609.6	613.9	609.7	607.1	606.1	607.9	612.0	608.1	606.4	607.4
35.0	586.2	589.3	589.1	585.6	584.5	586.0	590.1	586.1	584.9	586.2
37.5	561.5	564.1	567.7	562.9	561.2	562.4	566.8	562.6	561.5	563.7
40.0	536.7	537.9	541.9	539.6	536.8	537.8	542.3	537.9	537.2	540.3
42.5	511.1	511.4	514.3	515.2	511.6	511.9	516.3	512.2	512.0	515.6
45.0	485.3	484.1	486.0	489.7	485.2	489.2	489.2	485.2	485.7	490.6
47.5	458.9	456.4	457.0	461.4	457.7	456.7	460.8	456.9	458.3	462.3
50.0	430.2	428.3	427.3	430.3	429.4	427.5	431.7	427.8	429.8	431.3
52.5	397.6	399.6	396.8	398.7	400.0	397.2	401.1	397.5	400.6	399.9
55.0	364.8	367.7	366.1	366.4	369.7	366.2	370.4	366.6	370.5	367.4
57.5	331.8	333.4	334.9	333.2	337.9	333.9	337.9	334.4	338.8	334.5
60.0	299.0	298.7	301.8	299.4	302.6	300.4	304.1	300.9	303.6	300.9
62.5	266.3	264.2	265.5	265.6	266.7	266.1	269.1	266.7	267.7	267.2
65.0	231.0	230.3	229.5	231.6	230.7	231.4	233.9	231.9	231.6	233.5
67.5	194.9	196.5	194.5	195.7	194.9	196.6	198.1	197.1	196.1	197.5
70.0	159.9	160.6	160.7	159.8	160.1	162.2	162.6	162.9	161.4	161.6
72.5	126.1	126.3	126.9	125.8	126.6	128.4	128.3	129.1	128.2	127.6
75.0	95.41	93.78	93.92	94.22	93.60	94.57	95.49	95.30	95.07	96.01
77.5	68.84	66.11	63.65	64.45	63.24	63.47	64.65	64.11	64.49	65.94

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

Photometric Data Table [cd]

80.0	44.02	44.22	40.40	39.07	37.95	37.80	38.44	38.50	39.10	40.34
82.5	20.73	24.70	25.31	22.39	22.29	21.45	22.01	22.05	23.01	23.39
85.0	0	5.741	12.05	13.79	13.33	13.25	13.64	13.89	13.75	14.56
87.5	0	0	0	0	6.119	4.486	0.7380	4.747	6.494	0
90.0	0	0	0	0	0	0	0.0023	0	0	0
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7
2.5	755.0	754.7	754.4	754.1	753.9	753.7	753.5	753.4	753.3	753.2
5.0	750.5	750.0	749.6	749.2	748.8	748.4	748.1	747.8	747.6	747.5
7.5	744.9	744.2	743.8	743.4	742.9	742.3	742.0	742.2	742.2	742.1
10.0	738.4	737.6	736.9	736.3	736.0	735.9	736.0	736.0	735.8	736.3
12.5	729.8	729.1	728.7	728.6	728.6	728.7	728.8	729.4	729.9	730.1
15.0	720.0	719.5	719.4	719.5	719.9	720.7	721.5	722.2	723.2	724.2
17.5	708.6	708.4	708.7	709.5	710.4	711.7	713.2	714.9	715.0	713.8
20.0	695.3	695.8	696.7	698.2	700.1	702.4	701.8	700.1	698.7	697.3
22.5	680.6	681.6	683.4	685.9	688.5	686.4	684.5	682.6	681.6	680.9
25.0	664.5	666.3	668.9	672.1	669.8	667.5	666.1	665.2	664.4	664.2
27.5	647.8	650.0	653.5	651.9	649.2	648.3	647.3	647.0	647.0	647.1
30.0	629.6	632.4	633.2	630.3	628.8	627.8	628.4	628.5	629.2	629.9
32.5	610.1	614.6	610.5	608.4	607.4	607.7	608.4	610.0	611.3	613.0
35.0	589.5	589.9	587.1	585.9	585.9	586.8	588.6	591.3	589.2	587.6
37.5	568.2	564.9	562.7	562.7	563.7	565.8	567.1	565.0	563.8	562.7
40.0	542.6	539.1	537.9	538.8	541.2	542.1	540.0	538.7	538.2	537.5
42.5	515.1	512.7	512.7	514.6	516.8	514.3	512.8	512.2	512.1	512.2
45.0	487.0	485.4	487.0	490.4	487.6	486.1	485.2	485.6	486.1	487.2
47.5	458.2	458.0	460.6	460.0	457.9	457.5	458.0	458.9	460.5	462.2
50.0	428.5	429.9	432.3	429.1	428.4	429.0	430.6	432.4	432.2	430.4
52.5	398.4	401.3	399.7	398.3	398.8	400.3	403.1	400.7	399.0	397.7
55.0	367.6	369.9	367.0	367.2	368.9	371.4	368.8	367.1	366.0	365.2
57.5	336.6	335.5	334.5	336.0	338.8	336.1	334.6	333.6	333.0	332.9
60.0	303.8	301.0	301.7	305.0	302.8	301.3	300.2	300.1	300.2	300.5
62.5	267.5	266.7	269.2	268.7	267.2	266.4	266.3	266.6	267.5	267.9
65.0	231.6	232.9	233.9	232.4	231.9	232.0	232.6	233.2	233.5	233.3
67.5	196.8	199.1	197.6	197.1	197.2	197.9	198.6	199.0	199.1	198.9
70.0	163.0	162.9	162.3	162.4	163.2	164.4	164.8	165.2	165.0	164.6
72.5	129.1	128.4	128.4	129.4	130.9	131.7	131.7	131.6	131.0	130.4
75.0	95.78	95.57	97.41	99.32	99.77	99.52	98.91	98.16	97.24	96.35
77.5	65.21	67.66	70.53	70.57	69.46	68.01	66.53	65.09	62.01	58.30
80.0	41.71	45.47	45.48	43.02	39.85	36.64	32.30	27.05	21.33	15.66
82.5	26.31	25.65	21.89	17.06	11.51	4.931	0	0	0	0
85.0	12.68	6.008	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7
2.5	753.0	752.8	752.6	752.4	752.3	752.3	752.4	752.5	752.6	752.8
5.0	747.5	747.6	747.6	747.3	747.0	747.0	747.2	747.1	747.1	747.1
7.5	742.0	741.9	742.2	742.1	741.7	741.7	741.7	741.6	741.3	741.2
10.0	736.6	736.5	736.6	737.0	736.3	736.5	736.2	735.9	735.6	735.5
12.5	730.8	731.3	731.0	731.7	731.0	731.1	730.7	730.2	729.8	729.2
15.0	724.6	725.7	726.0	726.2	725.7	725.7	725.2	724.5	723.7	722.6
17.5	712.6	711.7	711.6	710.7	710.1	710.3	710.3	710.7	711.2	711.8
20.0	696.7	695.7	695.0	695.0	694.6	694.6	694.5	694.7	694.8	695.3
22.5	680.4	680.0	679.9	679.5	679.1	678.9	678.8	678.7	678.4	678.5
25.0	663.9	664.1	664.0	664.0	663.0	663.1	663.0	662.6	662.1	661.7
27.5	647.5	648.1	648.1	648.4	648.1	647.4	647.1	646.0	645.5	644.6
30.0	631.1	631.9	632.2	632.8	632.5	631.6	631.1	629.9	629.0	627.4
32.5	611.3	610.3	609.4	609.1	608.5	607.9	608.3	608.7	609.2	610.2
35.0	586.5	585.9	585.4	585.0	584.5	583.9	584.2	584.0	584.2	584.7
37.5	561.8	561.5	561.4	560.9	560.5	559.9	559.9	559.5	559.4	559.1
40.0	537.3	537.2	537.1	536.8	536.5	536.0	535.6	534.9	534.4	533.5
42.5	512.6	512.8	512.8	512.8	512.5	512.0	511.4	510.2	509.3	508.3
45.0	487.7	488.3	488.6	488.7	488.5	488.1	487.4	485.4	484.2	483.0
47.5	461.1	459.5	458.4	457.8	457.2	457.1	457.0	456.5	457.3	457.5
50.0	429.1	427.9	427.0	426.5	425.9	425.8	425.4	425.1	425.3	425.7
52.5	396.9	396.2	395.6	395.1	394.6	394.5	393.9	393.5	393.1	393.0
55.0	364.9	364.6	364.2	363.8	363.3	363.1	362.3	361.8	361.0	360.5
57.5	333.0	332.9	332.8	332.5	332.0	331.7	330.9	330.1	329.1	328.1
60.0	301.2	301.1	301.3	301.2	300.8	300.4	299.4	298.4	297.1	295.7
62.5	268.1	267.4	267.2	266.7	266.1	265.9	265.2	264.7	264.2	263.3
65.0	233.3	232.8	232.5	232.1	231.5	231.2	230.6	230.1	229.7	228.7
67.5	198.7	198.2	197.9	197.4	196.9	196.5	196.0	195.5	195.2	194.3
70.0	164.2	163.7	163.2	162.8	162.2	161.9	161.5	161.1	160.8	160.2

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

Photometric Data Table [cd]

72.5	129.8	129.2	128.6	128.1	127.6	127.2	126.9	126.7	126.5	126.2
75.0	95.47	94.74	94.00	93.49	92.99	92.60	92.39	92.35	92.28	92.33
77.5	54.65	51.45	48.86	47.22	46.49	46.76	47.99	50.05	52.59	55.37
80.0	10.45	6.065	2.747	0.6940	0	0.6871	2.697	5.897	10.05	14.86
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7	757.7
2.5	752.8	752.9	753.0	753.2	753.4	753.6	753.9	754.1	754.5	754.8
5.0	747.0	747.1	747.3	747.7	748.1	748.6	749.1	749.6	750.3	751.0
7.5	741.3	741.5	741.6	741.9	742.3	742.7	743.1	743.7	744.5	745.4
10.0	735.3	735.1	735.0	734.9	735.0	735.2	735.6	736.2	736.9	737.8
12.5	728.7	728.0	727.5	727.0	726.5	726.3	726.9	727.6	728.6	728.6
15.0	721.4	720.3	719.1	718.1	717.2	716.6	716.5	716.6	717.1	718.0
17.5	712.8	711.9	710.3	708.4	707.2	705.9	704.9	704.4	704.5	705.4
20.0	695.9	697.0	698.5	698.4	695.7	693.4	691.8	691.2	690.9	691.5
22.5	678.9	679.5	680.5	681.5	683.0	680.5	678.1	676.6	675.8	676.1
25.0	661.3	661.6	661.5	662.3	664.1	666.3	663.2	660.8	659.3	659.0
27.5	643.9	642.9	642.4	642.9	643.7	645.8	647.3	643.8	641.3	640.5
30.0	625.8	624.1	623.2	622.6	622.9	624.1	626.1	625.5	622.7	621.0
32.5	607.4	605.4	603.4	602.0	601.4	601.4	603.3	606.4	602.2	600.0
35.0	585.3	586.4	583.2	581.2	579.4	579.0	579.2	581.8	581.4	578.4
37.5	559.4	560.2	562.3	560.1	557.3	555.2	555.1	556.8	559.1	555.3
40.0	533.4	533.4	534.5	536.4	534.5	531.6	530.3	530.4	533.6	531.1
42.5	507.2	506.9	507.0	508.0	509.9	507.6	504.6	503.9	505.8	506.2
45.0	481.2	479.9	479.3	479.2	480.7	482.9	478.9	476.7	477.3	480.2
47.5	455.2	453.1	451.5	450.3	450.5	452.6	452.5	449.0	448.3	451.4
50.0	426.6	426.4	423.6	421.6	420.4	421.0	423.9	420.7	418.7	420.5
52.5	393.4	394.5	395.9	392.6	390.5	389.5	390.8	392.4	388.3	388.8
55.0	360.3	360.6	361.2	363.1	360.0	357.9	357.6	360.4	357.6	356.2
57.5	327.4	327.0	327.0	327.8	329.3	326.3	324.3	325.6	326.2	323.1
60.0	294.5	293.4	292.8	292.8	293.3	294.6	291.2	290.4	293.4	289.2
62.5	261.7	259.9	258.8	257.9	257.7	258.4	258.1	255.6	256.3	255.5
65.0	227.8	226.6	225.0	223.5	222.7	222.3	222.9	221.3	220.1	221.7
67.5	193.6	192.6	191.3	189.5	188.2	187.2	186.9	187.2	184.8	185.9
70.0	159.6	158.9	157.8	156.5	154.6	153.0	152.1	151.7	151.0	150.0
72.5	125.9	125.5	125.0	124.2	123.1	120.7	118.8	117.9	117.5	116.0
75.0	92.42	92.47	92.62	92.72	92.54	91.68	88.81	86.06	85.49	84.69
77.5	57.98	59.75	60.64	61.74	63.13	64.14	63.51	59.61	56.47	56.45
80.0	19.92	24.75	28.89	31.98	34.58	37.92	40.15	39.73	35.15	33.77
82.5	0	0	0	4.301	9.903	14.52	18.52	22.30	22.24	19.40
85.0	0	0	0	0	0	0	0	5.251	10.91	11.89
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	757.7	757.7								
2.5	755.2	755.6								
5.0	751.7	752.6								
7.5	746.4	747.6								
10.0	738.9	740.4								
12.5	730.1	731.9								
15.0	719.4	721.4								
17.5	707.0	709.3								
20.0	693.1	695.7								
22.5	677.3	679.6								
25.0	660.1	662.6								
27.5	641.3	643.8								
30.0	621.1	623.5								
32.5	599.6	601.7								
35.0	577.6	579.5								
37.5	553.9	555.5								
40.0	528.9	530.3								
42.5	503.0	503.8								
45.0	476.2	476.4								
47.5	448.3	447.9								
50.0	419.4	418.5								
52.5	389.4	387.5								
55.0	358.6	355.8								
57.5	326.3	322.7								
60.0	290.9	288.8								
62.5	254.9	253.9								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: D0205-GM-NW2

Photometric Data Table [cd]

65.0	219.0	218.9
67.5	183.6	184.0
70.0	149.3	149.8
72.5	116.8	116.4
75.0	84.24	83.38
77.5	54.75	53.93
80.0	31.69	31.38
82.5	19.15	18.22
85.0	11.59	11.47
87.5	4.494	3.058
90.0	0	0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2017-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity: 65.0%
Test Distance: 13.160m [K=1.0000]
Remarks: D0205-GM-NW2