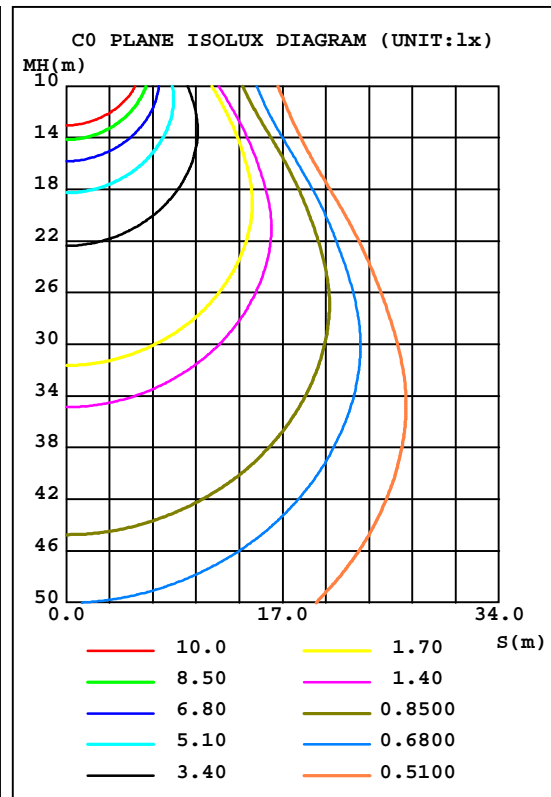
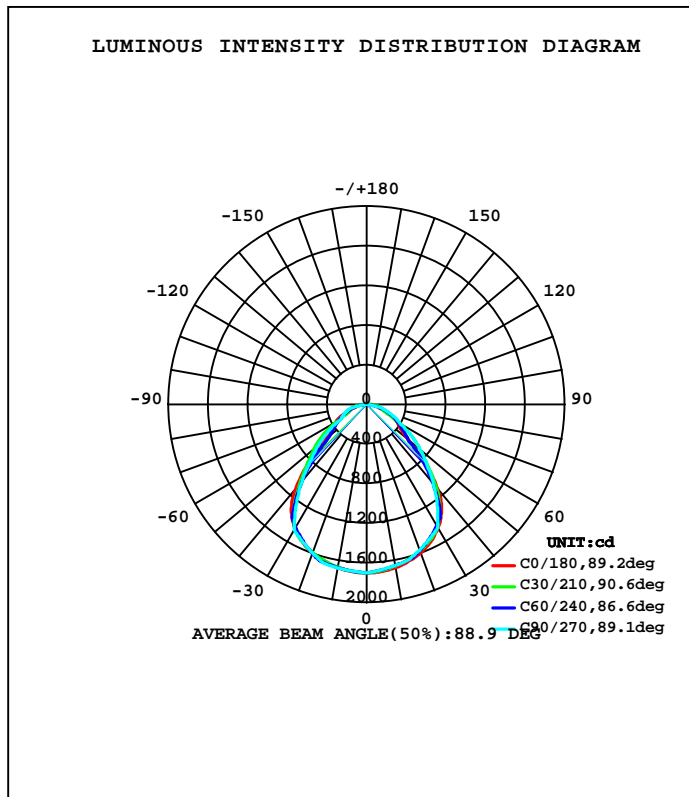


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:250*1150	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	174-130	I _{max} (cd)	1702	S/MH(C0/180)	1.26
NOMINAL POWER(W)	36	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3655.7	h UP, DN(C0-180)	0.0, 50.6
NOMINAL FLUX(lm)	3655.69	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 49.4
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	h down(%)	100.0	CIBSE SHR MAX	1.30



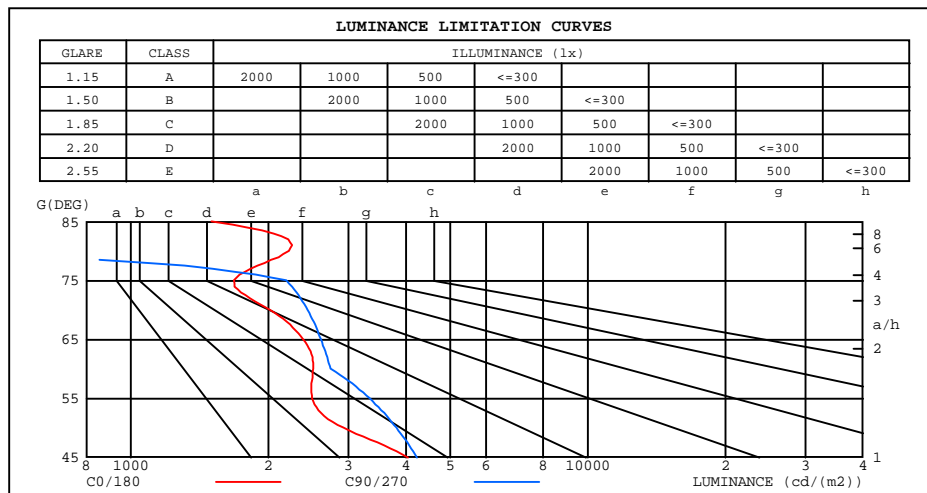
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-07-15

Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
5	1695	1681	1678	1682	1695	1690	1690	1690	0- 5	40.47	40.47	1.11,1.11
10	1675	1655	1654	1655	1674	1671	1677	1671	5- 10	119.9	160.3	4.39,4.39
15	1643	1623	1629	1622	1642	1645	1665	1645	10- 15	195.9	356.2	9.74,9.74
20	1597	1584	1566	1584	1599	1612	1599	1609	15- 20	265.9	622.1	17.17
25	1532	1505	1502	1507	1537	1528	1532	1523	20- 25	325.7	947.8	25.9,25.9
30	1444	1408	1439	1411	1451	1420	1466	1412	25- 30	373.4	1321	36.1,36.1
35	1322	1295	1246	1296	1327	1287	1244	1277	30- 35	401.4	1723	47.1,47.1
40	1119	1140	1053	1137	1124	1093	1022	1088	35- 40	394.2	2117	57.9,57.9
45	822.0	877.9	860.8	864.0	831.9	807.9	800.0	809.2	40- 45	348.5	2465	67.4,67.4
50	539.1	656.8	705.2	636.0	526.9	598.2	634.0	592.7	45- 50	286.6	2752	75.3,75.3
55	411.5	504.8	549.5	486.0	403.4	465.9	468.0	449.3	50- 55	237.9	2990	81.8,81.8
60	360.5	423.0	393.9	415.4	360.4	387.6	302.0	379.0	55- 60	198.2	3188	87.2,87.2
65	289.8	323.5	317.0	324.1	285.5	295.2	261.9	295.8	60- 65	159.4	3347	91.6,91.6
70	198.4	232.4	240.0	236.4	191.9	214.6	221.7	218.3	65- 70	126.1	3473	95.95
75	125.2	170.2	163.1	171.7	122.7	152.5	181.6	157.4	70- 75	97.70	3571	97.7,97.7
80	110.7	102.3	0	99.17	110.6	82.99	0	87.45	75- 80	62.92	3634	99.4,99.4
85	37.62	0	0	0	37.79	0	0	0	80- 85	19.88	3654	99.9,99.9
90	0	0	0	0	0.0706	0	0	0	85- 90	1.868	3656	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	1501	0
80	2217	0
75	1683	2192
70	2018	2441
65	2385	2609
60	2508	2740
55	2496	3332
50	2917	3816
45	4043	4234

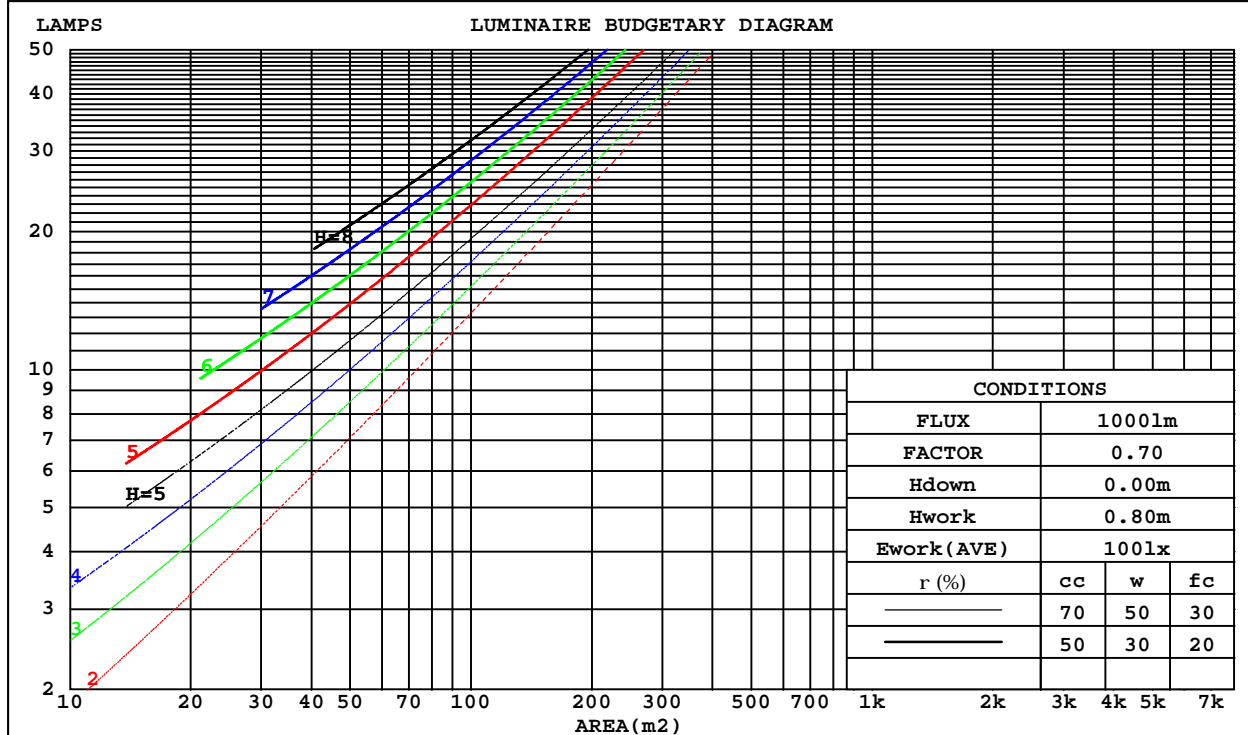
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-07-15

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:13.160m [K=1.0000]
Remarks: 174-130

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:250*1150	PROTECTION ANGLE:

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{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	1.06	1.03	.99	1.04	1.01	.98	.90	.97	.95	.96	.94	.92	.93	.91	.89	.87
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.83	.76	.71	.80	.74	.70	.77	.73	.68	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.67	.62	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.69	.60	.54	.68	.60	.54	.66	.59	.54	.64	.58	.53	.62	.57	.53	.51
6.0	.62	.54	.48	.61	.54	.48	.60	.53	.48	.58	.52	.47	.57	.51	.47	.45
7.0	.57	.49	.43	.56	.49	.43	.55	.48	.43	.53	.47	.43	.52	.47	.42	.40
8.0	.52	.45	.39	.52	.44	.39	.50	.44	.39	.49	.43	.39	.48	.43	.38	.37
9.0	.48	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.35	.33
10.0	.45	.37	.32	.44	.37	.32	.43	.37	.32	.42	.36	.32	.42	.36	.32	.30



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-07-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

WEC AND CCEC

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:250*1150	PROTECTION ANGLE:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.263	.149	.047	.256	.146	.046	.243	.139	.044	.231	.133	.043	.220	.127	.041	
2.0	.253	.138	.042	.247	.136	.042	.235	.131	.041	.225	.126	.039	.215	.122	.038	
3.0	.237	.126	.038	.232	.124	.037	.222	.120	.037	.213	.117	.036	.204	.113	.035	
4.0	.222	.115	.034	.217	.114	.034	.209	.111	.033	.200	.108	.032	.193	.105	.032	
5.0	.208	.106	.031	.204	.104	.030	.196	.102	.030	.188	.099	.030	.182	.097	.029	
6.0	.194	.097	.028	.191	.096	.028	.184	.094	.027	.177	.092	.027	.171	.090	.027	
7.0	.183	.090	.026	.179	.089	.025	.173	.088	.025	.167	.086	.025	.162	.084	.025	
8.0	.172	.084	.024	.169	.083	.024	.163	.082	.023	.158	.080	.023	.153	.079	.023	
9.0	.162	.078	.022	.159	.078	.022	.155	.076	.022	.150	.075	.021	.145	.074	.021	
10.0	.153	.074	.020	.151	.073	.020	.146	.072	.020	.142	.071	.020	.138	.070	.020	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	.151	.134	.119	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.167	.132	.103	.143	.114	.089	.098	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.158	.114	.079	.136	.098	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.150	.100	.062	.129	.087	.054	.089	.060	.038	.051	.035	.023	.016	.012	.007	
5.0	.143	.090	.051	.123	.078	.044	.084	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.136	.081	.042	.117	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.129	.074	.035	.111	.064	.031	.077	.045	.022	.045	.027	.013	.014	.009	.004	
8.0	.123	.068	.030	.106	.059	.027	.073	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.118	.063	.027	.101	.055	.023	.070	.039	.016	.041	.023	.010	.013	.007	.003	
10.0	.112	.059	.024	.097	.051	.021	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-07-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm										
NAME: 174-130					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
					SUR.:250*1150			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	16.2	17.5	16.4	17.7	17.9	16.3	17.6	16.5	17.8	18.0
3H	17.1	18.4	17.4	18.6	18.8	17.5	18.7	17.8	19.0	19.2
4H	17.5	18.7	17.8	19.0	19.2	18.0	19.2	18.3	19.4	19.7
6H	17.9	19.0	18.2	19.3	19.5	18.1	19.2	18.4	19.4	19.7
8H	18.1	19.1	18.4	19.4	19.7	18.0	19.1	18.3	19.4	19.6
12H	18.1	19.2	18.5	19.4	19.7	18.0	19.0	18.3	19.3	19.6
4H 2H	16.5	17.7	16.8	18.0	18.2	16.7	17.9	17.0	18.1	18.4
3H	17.6	18.7	18.0	19.0	19.3	18.0	19.1	18.4	19.4	19.7
4H	18.2	19.2	18.6	19.5	19.8	18.7	19.6	19.0	19.9	20.3
6H	18.8	19.6	19.2	20.0	20.3	18.8	19.6	19.2	20.0	20.3
8H	19.0	19.8	19.4	20.1	20.5	18.7	19.5	19.1	19.9	20.2
12H	19.1	19.8	19.6	20.2	20.6	18.7	19.4	19.1	19.8	20.2
8H 4H	18.5	19.2	18.9	19.6	20.0	18.9	19.6	19.3	20.0	20.4
6H	19.2	19.9	19.7	20.3	20.7	19.0	19.6	19.4	20.0	20.4
8H	19.6	20.1	20.0	20.6	21.0	18.9	19.5	19.4	19.9	20.4
12H	19.8	20.3	20.3	20.7	21.2	18.9	19.4	19.4	19.8	20.3
12H 4H	18.4	19.1	18.9	19.5	19.9	18.9	19.6	19.3	20.0	20.4
6H	19.2	19.8	19.7	20.2	20.7	19.0	19.6	19.5	20.0	20.5
8H	19.6	20.1	20.1	20.5	21.0	19.0	19.5	19.5	19.9	20.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.7					+ 0.3 / - 0.3				
2.0H	+ 0.5 / - 0.7					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 3656 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.5)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-07-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

UTILIZATION FACTORS TABLE

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:250*1150	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	65	55	49	65	55	49	64	54	49	43
0.80	75	65	59	74	65	59	73	64	58	52
1.00	83	73	67	82	73	67	80	74	66	60
1.25	89	80	74	88	80	74	85	78	73	67
1.50	94	85	80	92	85	79	89	83	78	71
2.00	99	92	87	98	91	86	95	89	85	78
2.50	103	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	100	95	92	84
4.00	109	104	100	107	102	99	102	99	96	88
5.00	111	107	103	108	105	102	104	101	99	90
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:2020-07-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

ISOCANDELA DIAGRAM

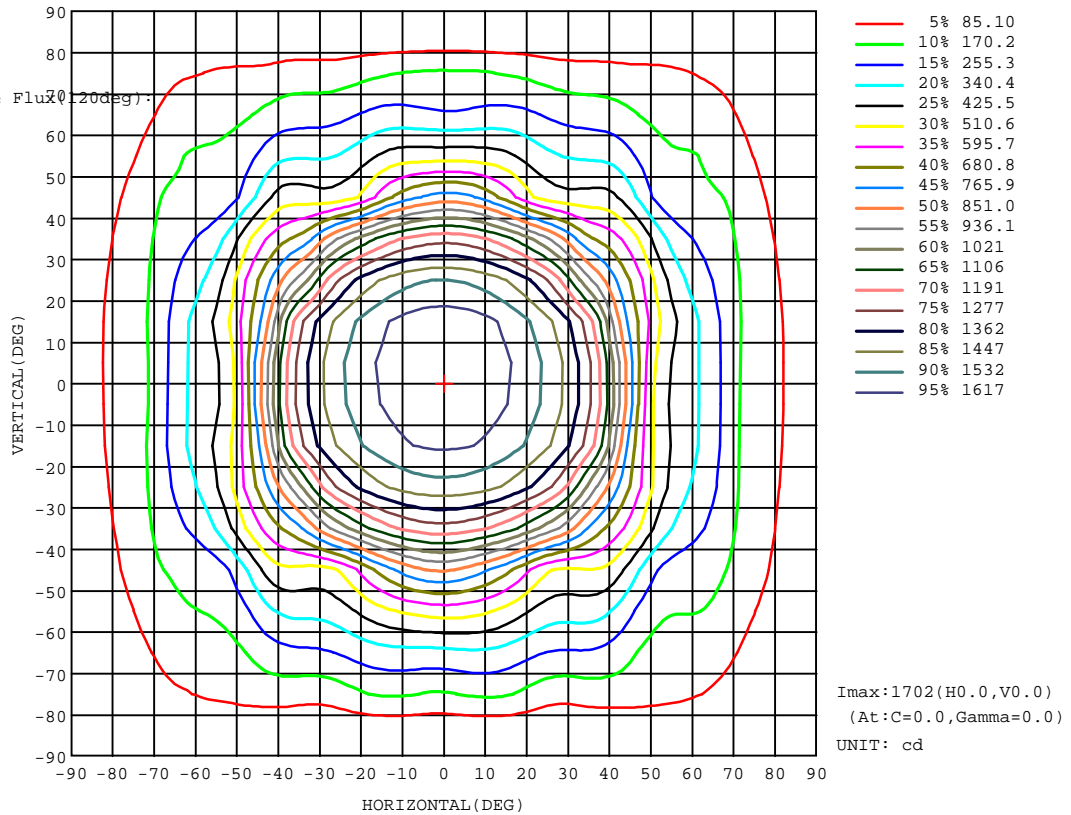
Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:250*1150	PROTECTION ANGLE:

Conical surface Flux(90deg):

2465.2 lm
%lum = 67.4%
%lamp = 67.4%

Conical surface Flux(20deg):

3187.8 lm
%lum = 87.2%
%lamp = 87.2%



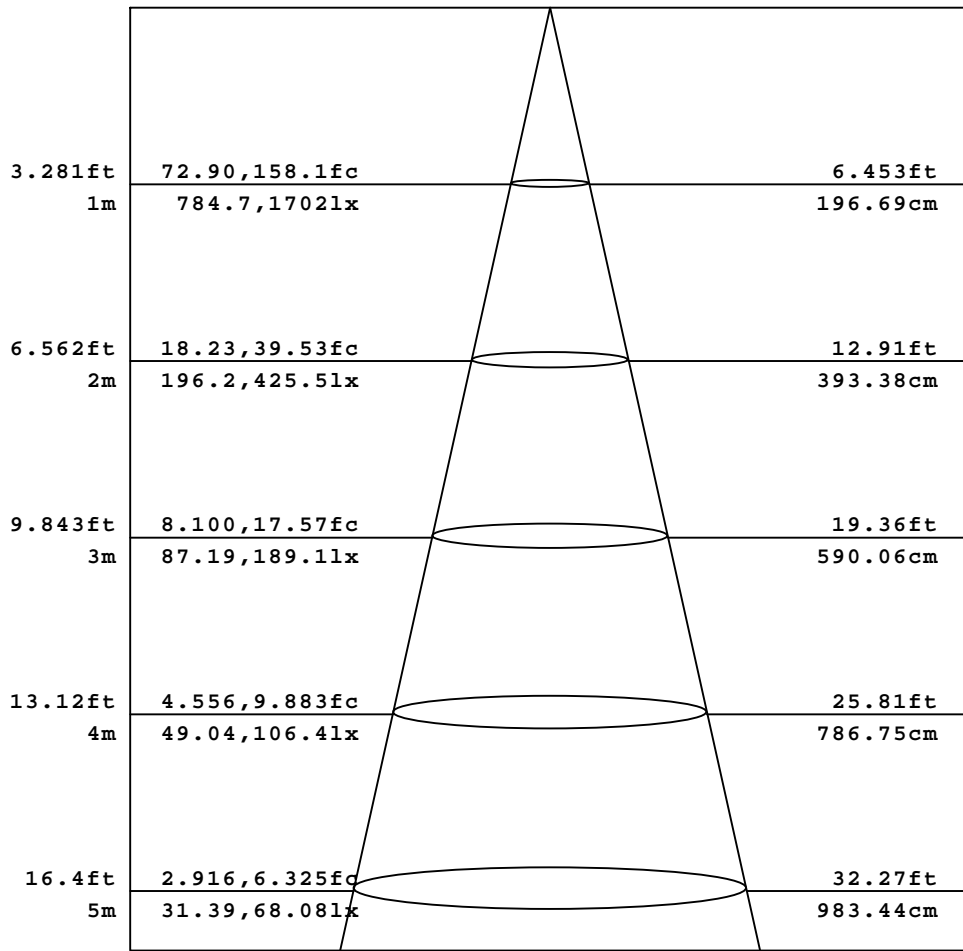
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-07-15

Range: 0 - 90DEG
Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:13.160m [K=1.0000]
Remarks: 174-130

AAI Figure

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:250*1150	PROTECTION ANGLE:

Flux out:2465 lm



Height Eavg, Emax Angle:89.04deg Diameter

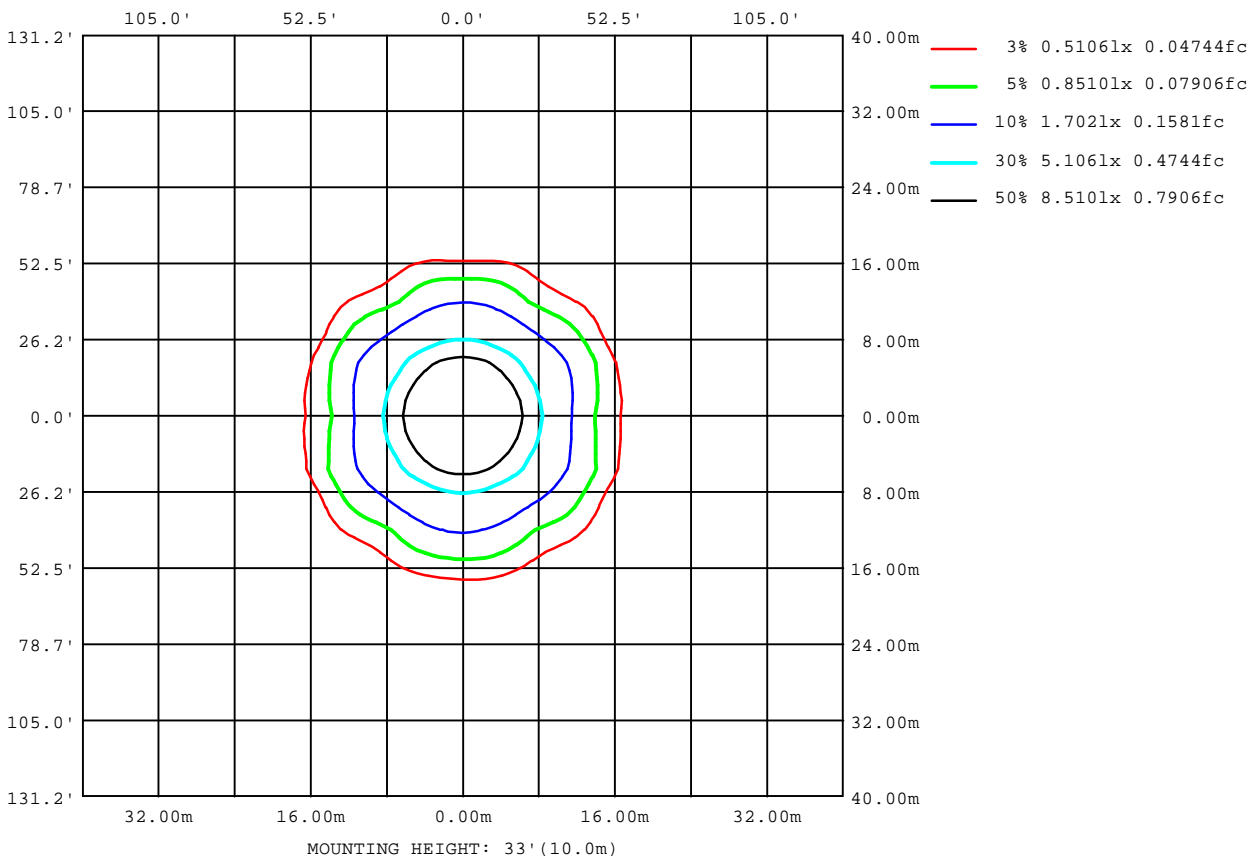
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-07-15

Log Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

ISOLUX DIAGRAM

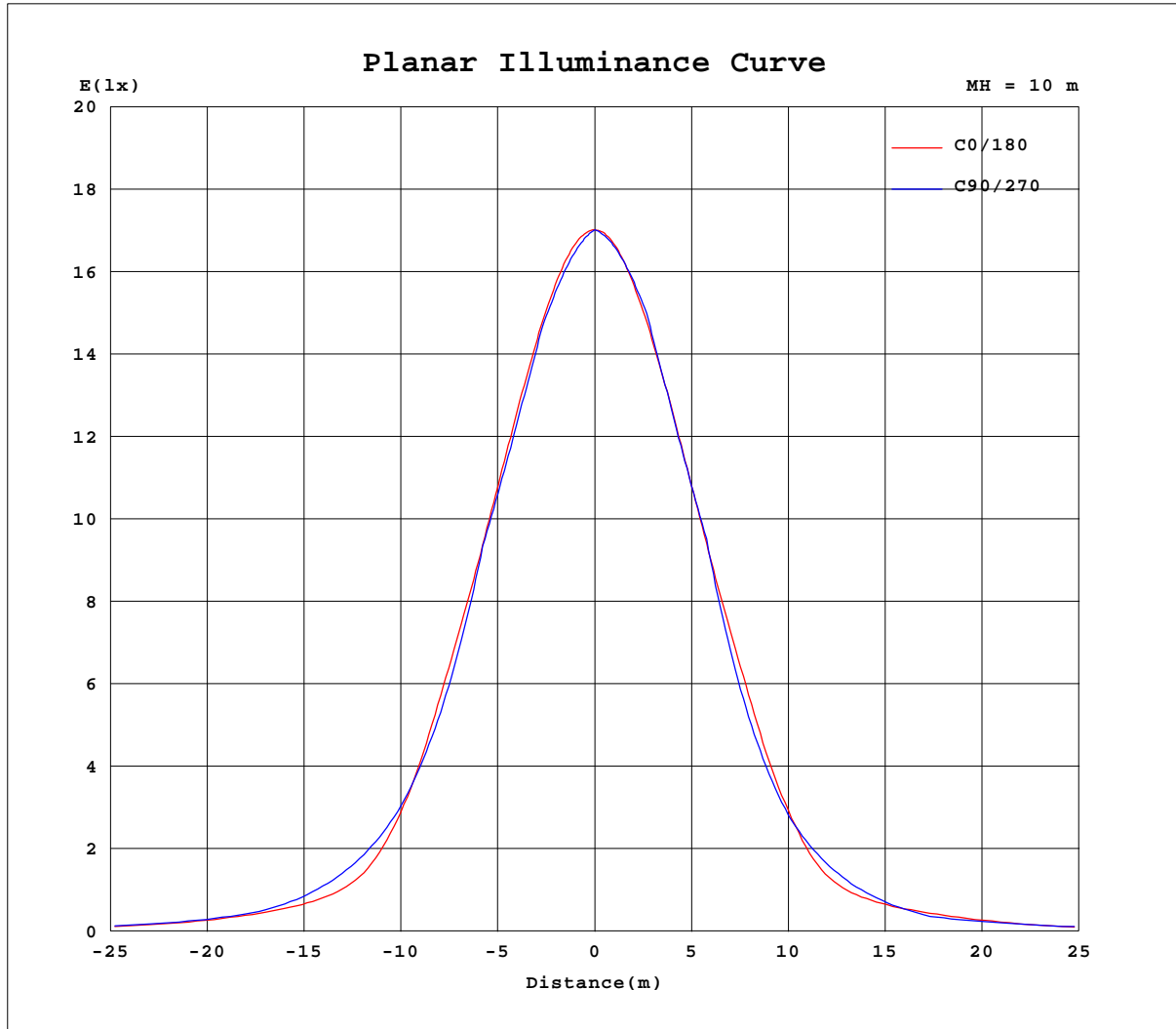
Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:250*1150	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-07-15

log Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-07-15

Log Range: 0 - 90DEG
 Log Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: 174-130

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:250*1150	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702
5	1695	1693	1691	1689	1688	1686	1685	1684	1682	1681	1681	1680	1679	1679	1679	1678	1678	1678	1678
10	1675	1671	1668	1665	1662	1660	1658	1657	1656	1655	1654	1654	1654	1653	1653	1653	1653	1654	1654
15	1643	1637	1632	1628	1625	1623	1622	1622	1622	1623	1623	1624	1625	1626	1628	1628	1629	1629	1629
20	1597	1589	1583	1579	1576	1575	1576	1577	1580	1584	1582	1577	1573	1570	1568	1567	1566	1566	1566
25	1532	1522	1515	1512	1510	1512	1516	1521	1512	1505	1501	1500	1499	1499	1500	1501	1501	1502	1502
30	1444	1432	1425	1423	1426	1432	1429	1417	1410	1408	1409	1412	1417	1423	1428	1432	1436	1438	1439
35	1322	1306	1300	1303	1314	1308	1291	1286	1288	1295	1304	1316	1291	1270	1255	1247	1244	1244	1246
40	1119	1098	1097	1114	1130	1108	1096	1105	1130	1140	1101	1067	1046	1035	1030	1031	1038	1047	1053
45	822	804	809	835	862	878	875	877	888	878	840	802	787	790	799	810	828	849	861
50	539	546	570	608	656	696	706	694	683	657	603	543	547	592	631	658	680	698	705
55	412	421	440	465	514	559	550	548	542	505	469	445	449	477	507	529	543	549	550
60	361	365	375	382	405	385	380	390	419	423	403	378	367	376	391	404	408	402	394
65	290	293	302	309	287	253	242	268	300	324	324	310	293	294	308	325	331	326	317
70	198	207	228	233	213	193	180	178	196	232	246	235	218	219	237	255	259	251	240
75	125	132	153	167	169	163	147	140	152	170	174	160	141	144	167	187	188	176	163
80	111	106	105	105	115	118	116	118	123	102	76.1	52.6	33.7	24.7	19.1	12.4	5.59	1.32	0.00
85	37.6	37.4	46.5	50.7	51.0	26.3	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:2020-07-15

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:250*1150	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	
0	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	
5	1678	1678	1678	1679	1679	1680	1680	1681	1682	1682	1684	1685	1686	1688	1689	1691	1693	1695	1694	
10	1654	1654	1654	1654	1654	1654	1654	1654	1655	1656	1657	1658	1659	1662	1664	1667	1671	1674	1673	
15	1629	1629	1628	1628	1627	1626	1624	1623	1622	1621	1621	1622	1623	1625	1628	1632	1636	1642	1639	
20	1566	1567	1567	1569	1571	1573	1577	1582	1584	1581	1578	1577	1577	1578	1581	1585	1591	1599	1594	
25	1503	1502	1501	1500	1499	1500	1500	1503	1507	1514	1524	1519	1515	1514	1515	1519	1527	1537	1529	
30	1438	1437	1433	1429	1424	1419	1414	1411	1411	1413	1420	1432	1436	1431	1429	1431	1438	1451	1440	
35	1247	1249	1252	1259	1273	1293	1318	1306	1296	1289	1286	1292	1311	1320	1310	1307	1312	1327	1312	
40	1053	1049	1042	1038	1040	1050	1069	1101	1137	1123	1096	1093	1113	1140	1123	1105	1104	1124	1096	
45	859	846	826	808	796	790	802	834	864	872	870	882	887	872	845	821	816	832	812	
50	701	688	667	638	598	549	538	585	636	672	698	716	708	673	632	587	549	527	553	
55	545	539	529	513	484	452	436	448	486	539	558	563	575	533	484	455	424	403	426	
60	389	393	399	398	386	371	368	388	415	427	401	389	396	414	389	386	371	360	366	
65	314	318	321	316	305	297	303	316	324	312	279	247	250	283	307	306	297	286	290	
70	241	250	253	246	231	221	228	241	236	212	192	185	186	200	226	227	212	192	207	
75	168	182	186	177	157	146	155	170	172	158	146	152	161	162	166	155	135	123	134	
80	1.25	5.42	12.4	20.4	27.3	34.9	50.1	74.0	99.2	117	112	112	116	111	104	104	104	111	106	
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	0.00	25.4	50.3	47.7	41.7	35.1	37.8	41.5
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	0.00	0.00	0.07	0.00	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-07-15

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:250*1150	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702
5	1693	1692	1692	1691	1691	1690	1690	1690	1690	1690	1690	1690	1690	1690	1690	1690	1690	1690	1690
10	1671	1670	1669	1669	1669	1670	1670	1671	1672	1673	1674	1675	1676	1676	1677	1677	1677	1677	1677
15	1636	1635	1635	1636	1637	1639	1642	1645	1649	1652	1655	1658	1660	1662	1663	1664	1665	1664	1664
20	1590	1589	1589	1591	1594	1599	1605	1612	1612	1607	1604	1602	1601	1600	1599	1599	1599	1598	1598
25	1524	1523	1524	1529	1536	1545	1535	1528	1524	1523	1523	1525	1528	1530	1532	1533	1532	1531	1529
30	1435	1435	1439	1449	1444	1429	1421	1420	1423	1428	1435	1442	1450	1458	1463	1467	1466	1464	1459
35	1307	1312	1325	1310	1279	1268	1273	1287	1303	1320	1293	1271	1256	1248	1244	1244	1244	1245	1247
40	1091	1108	1127	1095	1057	1039	1064	1093	1073	1040	1014	1004	1003	1005	1009	1016	1022	1024	1019
45	809	819	844	861	852	817	803	808	791	756	726	722	740	757	772	788	800	802	790
50	596	634	663	694	697	670	638	598	551	490	477	513	565	601	617	627	634	635	627
55	462	475	509	548	536	525	511	466	426	398	399	420	454	476	476	470	468	471	477
60	376	364	372	356	349	353	389	388	359	332	327	339	357	359	340	315	302	308	332
65	293	283	258	221	215	250	283	295	280	264	261	270	284	290	282	269	262	264	277
70	218	220	198	183	183	191	201	215	217	209	202	207	220	229	229	225	222	223	229
75	153	167	163	171	165	152	148	153	158	153	145	146	157	168	174	180	182	180	179
80	101	98.7	106	117	111	107	103	83.0	69.3	53.4	37.2	26.0	18.2	11.1	5.18	1.34	0.00	1.35	5.33
85	43.4	45.7	48.6	24.6	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:2020-07-15

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1734A P:37.23W PF:0.9763 Lamp Flux:3655.69x1 lm		
NAME: 174-130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:250*1150	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702				
5	1690	1690	1690	1690	1690	1690	1690	1690	1690	1691	1691	1692	1692	1693	1694				
10	1676	1675	1675	1674	1673	1672	1671	1670	1670	1669	1669	1670	1670	1671	1673				
15	1662	1660	1658	1655	1651	1648	1645	1642	1639	1636	1635	1635	1635	1637	1639				
20	1599	1599	1600	1602	1605	1610	1609	1602	1596	1591	1587	1585	1585	1587	1591				
25	1527	1524	1522	1520	1519	1520	1523	1529	1539	1530	1523	1518	1517	1519	1524				
30	1453	1445	1437	1429	1421	1415	1412	1413	1420	1435	1440	1431	1426	1427	1433				
35	1249	1255	1268	1288	1311	1293	1277	1265	1261	1272	1300	1313	1301	1297	1304				
40	1012	1007	1008	1017	1037	1065	1088	1064	1044	1053	1083	1112	1096	1083	1090				
45	769	750	736	735	757	790	809	809	813	843	854	841	822	808	806				
50	608	577	531	489	495	549	593	626	662	693	691	667	643	608	567				
55	478	465	435	410	403	418	449	501	527	541	554	521	489	474	436				
60	357	365	353	339	337	353	379	392	371	365	367	383	372	380	368				
65	290	293	283	272	270	280	296	292	263	224	225	259	284	293	293				
70	231	229	218	209	209	216	218	205	193	181	178	190	215	218	211				
75	170	165	154	147	150	157	157	152	151	162	169	161	165	156	140				
80	11.3	19.2	27.5	37.1	50.9	69.2	87.5	108	112	114	117	113	103	101	104				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.4	50.2	48.8	44.8	41.4				
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:2020-07-15

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.160m [K=1.0000]
 Remarks: 174-130

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	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702
2.5	1700	1699	1698	1697	1696	1696	1695	1694	1693	1693
5.0	1695	1693	1691	1689	1688	1688	1685	1684	1682	1681
7.5	1687	1684	1681	1679	1676	1674	1673	1671	1670	1669
10.0	1675	1671	1668	1665	1662	1660	1658	1657	1656	1655
12.5	1660	1655	1651	1648	1645	1643	1641	1640	1640	1640
15.0	1643	1637	1632	1628	1625	1623	1622	1622	1622	1623
17.5	1622	1615	1609	1605	1603	1601	1600	1601	1602	1604
20.0	1597	1589	1583	1579	1579	1575	1576	1577	1580	1584
22.5	1567	1558	1552	1547	1545	1545	1547	1551	1556	1549
25.0	1532	1522	1515	1512	1510	1512	1516	1521	1512	1505
27.5	1492	1481	1474	1470	1471	1474	1481	1472	1463	1458
30.0	1444	1432	1425	1423	1426	1432	1429	1417	1410	1408
32.5	1389	1375	1368	1368	1374	1384	1366	1356	1353	1354
35.0	1322	1306	1300	1303	1314	1308	1291	1286	1288	1295
37.5	1237	1218	1214	1223	1241	1216	1201	1204	1215	1230
40.0	1119	1098	1097	1114	1130	1108	1096	1105	1130	1140
42.5	971.6	950.8	953.1	978.0	996.0	992.0	983.7	992.4	1023	1006
45.0	822.0	804.1	808.5	834.6	862.4	877.8	875.1	876.6	888.5	877.9
47.5	672.7	666.6	680.2	708.8	747.4	776.3	782.3	774.6	774.6	759.8
50.0	539.1	546.2	569.6	607.8	655.8	695.6	705.5	693.9	682.5	656.8
52.5	457.1	466.3	489.1	526.3	579.7	632.0	629.7	621.1	607.6	571.5
55.0	411.5	421.3	439.9	465.5	514.0	559.3	549.9	547.8	541.6	504.8
57.5	384.5	391.7	407.3	420.8	459.3	468.7	466.1	470.9	477.5	466.8
60.0	360.5	365.0	374.7	381.7	405.3	384.7	380.1	390.3	419.1	423.0
62.5	330.3	333.6	340.3	344.4	339.6	312.4	298.5	325.8	359.1	374.8
65.0	289.8	293.3	302.1	309.0	287.3	252.7	241.7	268.0	300.4	323.5
67.5	245.6	251.2	264.1	270.1	246.3	209.5	205.9	218.5	244.6	270.8
70.0	198.4	206.9	227.5	233.3	213.5	193.3	180.2	178.2	196.3	232.4
72.5	154.2	162.8	189.8	199.2	190.1	178.6	161.2	151.5	171.8	199.4
75.0	125.2	132.3	152.7	167.3	168.9	163.3	147.3	139.8	152.3	170.2
77.5	117.8	119.5	125.6	135.7	143.8	143.3	133.3	128.9	136.4	144.4
80.0	110.7	106.3	105.5	105.0	114.5	117.6	116.1	117.8	123.0	102.3
82.5	80.19	76.70	76.19	76.60	84.26	90.17	92.47	65.17	38.18	13.94
85.0	37.62	37.40	46.50	50.72	50.97	26.27	0	0	0	0
87.5	6.566	12.61	17.91	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	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702
2.5	1692	1692	1691	1691	1691	1690	1690	1690	1690	1690
5.0	1681	1680	1679	1679	1679	1678	1678	1678	1678	1678
7.5	1668	1667	1667	1666	1666	1666	1666	1666	1666	1666
10.0	1654	1654	1654	1653	1653	1653	1653	1654	1654	1654
12.5	1640	1640	1640	1640	1640	1641	1641	1641	1641	1641
15.0	1623	1624	1625	1626	1628	1628	1629	1629	1629	1629
17.5	1606	1608	1608	1604	1602	1600	1599	1598	1598	1598
20.0	1582	1577	1573	1570	1568	1567	1566	1566	1566	1566
22.5	1543	1539	1537	1535	1534	1534	1534	1534	1534	1534
25.0	1501	1500	1499	1499	1500	1501	1501	1502	1502	1503
27.5	1457	1457	1459	1462	1465	1467	1469	1470	1471	1470
30.0	1409	1412	1417	1423	1428	1432	1436	1438	1439	1438
32.5	1358	1365	1374	1383	1364	1352	1345	1343	1342	1344
35.0	1304	1316	1291	1270	1255	1247	1244	1244	1246	1247
37.5	1233	1196	1170	1154	1144	1140	1141	1146	1150	1151
40.0	1101	1067	1046	1035	1030	1031	1038	1047	1053	1053
42.5	968.9	934.9	918.1	914.1	915.1	920.9	933.3	948.2	957.1	956.2
45.0	839.5	802.0	786.6	790.1	798.5	809.8	828.2	848.8	860.8	858.8
47.5	716.4	670.4	652.9	663.3	695.2	724.7	750.7	772.5	783.0	779.5
50.0	602.5	542.8	546.5	592.2	630.7	658.3	680.3	697.6	705.2	701.2
52.5	500.6	480.9	495.1	532.7	568.0	593.2	611.0	623.2	627.3	623.0
55.0	469.1	445.0	448.6	476.9	507.1	529.1	542.6	549.0	549.5	544.9
57.5	437.4	411.2	406.2	424.7	448.2	466.1	475.0	475.2	471.7	467.0
60.0	403.1	378.2	367.1	376.0	391.2	404.2	408.2	401.8	393.9	389.2
62.5	365.4	344.9	330.3	330.6	343.6	359.8	367.4	363.0	355.4	350.8
65.0	324.5	310.4	293.3	293.6	308.2	324.6	331.3	325.5	317.0	314.0
67.5	283.8	272.8	255.6	256.4	272.8	289.8	295.3	288.2	278.5	277.4
70.0	245.9	235.1	217.5	219.1	237.4	255.2	259.3	250.8	240.0	240.8
72.5	209.2	197.7	179.4	181.7	202.0	220.8	223.5	213.5	201.6	204.3
75.0	174.0	160.4	141.1	144.2	166.7	186.6	187.8	176.3	163.1	167.9
77.5	140.2	123.4	97.09	92.42	100.6	105.1	99.29	89.43	81.57	85.18
80.0	76.06	52.58	33.66	24.69	19.12	12.37	5.586	1.315	0	1.253
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: 2020-07-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: 174-130

Photometric Data Table [cd]

87.5	0	0	0	0	0	0	0	0	0	0	0
90.0	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	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	
2.5	1690	1690	1690	1691	1691	1692	1692	1693	1694	1694	
5.0	1678	1678	1679	1679	1680	1680	1681	1682	1682	1684	
7.5	1666	1666	1666	1667	1667	1667	1668	1669	1670	1671	
10.0	1654	1654	1654	1654	1654	1654	1654	1655	1656	1657	
12.5	1642	1641	1641	1640	1640	1640	1639	1639	1639	1640	
15.0	1629	1628	1628	1627	1626	1624	1623	1622	1621	1621	
17.5	1599	1600	1602	1605	1608	1608	1606	1604	1602	1601	
20.0	1567	1567	1569	1571	1573	1577	1582	1584	1581	1578	
22.5	1534	1534	1535	1536	1537	1540	1544	1550	1557	1553	
25.0	1502	1501	1500	1499	1500	1500	1503	1507	1514	1524	
27.5	1469	1468	1465	1462	1460	1459	1459	1461	1466	1475	
30.0	1437	1433	1429	1424	1419	1414	1411	1411	1413	1420	
32.5	1348	1355	1366	1384	1376	1368	1361	1355	1355	1358	
35.0	1249	1252	1259	1273	1293	1318	1306	1296	1289	1286	
37.5	1150	1148	1150	1158	1174	1198	1233	1230	1213	1200	
40.0	1049	1042	1038	1040	1050	1069	1101	1137	1123	1096	
42.5	947.7	934.7	923.9	919.5	921.7	936.2	966.6	998.0	1008	982.5	
45.0	845.8	825.7	808.1	795.7	790.0	802.1	833.5	864.0	872.4	870.3	
47.5	764.2	738.1	704.3	669.1	655.7	668.5	705.2	740.8	760.2	775.3	
50.0	688.1	666.6	637.8	598.3	549.2	537.7	585.5	636.0	671.9	698.3	
52.5	613.0	597.1	574.0	539.3	498.2	473.3	478.5	550.8	601.5	628.1	
55.0	538.7	529.3	512.7	484.5	452.0	435.9	448.1	486.0	539.5	558.3	
57.5	465.3	463.2	454.0	433.5	409.8	401.3	418.7	453.6	480.3	482.5	
60.0	392.8	398.7	397.6	386.0	370.9	368.5	387.6	415.4	426.9	400.6	
62.5	352.7	354.7	350.8	341.8	334.3	336.2	353.5	371.8	369.5	334.9	
65.0	318.4	320.8	316.2	305.0	297.3	303.1	315.9	324.1	312.2	278.6	
67.5	284.3	287.0	281.3	268.1	259.4	265.7	277.3	274.0	258.5	230.9	
70.0	250.2	253.2	246.5	231.1	221.4	228.5	240.6	236.4	211.8	191.9	
72.5	216.1	219.5	211.6	194.0	183.5	191.4	204.9	202.8	183.2	163.8	
75.0	182.2	185.8	176.6	157.0	145.6	154.5	170.2	171.7	158.4	145.8	
77.5	96.36	104.8	107.3	102.1	101.3	117.8	136.6	143.0	136.8	129.0	
80.0	5.422	12.35	20.45	27.27	34.90	50.11	74.00	99.17	117.4	112.4	
82.5	0	0	0	0	0	0	0	13.51	36.16	60.54	
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	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702	
2.5	1695	1696	1697	1698	1699	1700	1701	1700	1700	1699	
5.0	1685	1686	1688	1689	1691	1693	1695	1694	1693	1692	
7.5	1673	1674	1676	1678	1681	1683	1686	1685	1684	1683	
10.0	1658	1659	1662	1664	1667	1671	1674	1673	1671	1670	
12.5	1641	1642	1644	1647	1650	1654	1659	1657	1655	1654	
15.0	1622	1623	1625	1628	1632	1636	1642	1639	1636	1635	
17.5	1601	1601	1603	1606	1610	1616	1622	1618	1615	1614	
20.0	1577	1577	1578	1581	1585	1591	1599	1594	1590	1589	
22.5	1550	1548	1548	1550	1555	1562	1571	1564	1560	1558	
25.0	1519	1515	1514	1515	1519	1527	1537	1529	1524	1523	
27.5	1484	1478	1475	1475	1479	1486	1497	1488	1483	1482	
30.0	1432	1436	1431	1429	1431	1438	1451	1440	1435	1435	
32.5	1368	1389	1379	1374	1375	1382	1395	1383	1378	1379	
35.0	1292	1311	1320	1310	1307	1312	1327	1312	1307	1312	
37.5	1199	1216	1249	1231	1222	1225	1242	1222	1217	1227	
40.0	1093	1113	1140	1123	1105	1104	1124	1096	1091	1108	
42.5	984.1	1000	1006	987.0	961.0	958.1	978.5	948.9	941.8	958.7	
45.0	881.6	886.7	872.4	845.2	820.8	816.3	831.9	811.9	808.6	819.4	
47.5	790.9	786.7	759.7	727.0	696.0	673.5	668.6	675.2	696.5	718.6	
50.0	715.8	708.2	673.2	631.5	586.8	548.5	526.9	553.5	596.0	634.3	
52.5	641.6	647.4	600.1	548.8	505.8	469.4	447.7	474.1	515.9	549.8	
55.0	562.7	575.4	533.0	483.7	455.1	424.4	403.4	426.4	461.8	475.5	
57.5	477.1	483.3	475.1	433.7	421.5	396.4	379.6	394.2	420.0	415.7	
60.0	389.2	395.8	414.4	389.5	386.2	371.3	360.4	366.3	375.6	363.7	
62.5	304.5	317.3	341.1	346.6	347.6	340.0	331.4	334.3	334.9	320.0	
65.0	246.5	250.3	282.5	306.9	305.8	296.6	285.5	289.8	293.0	282.8	
67.5	210.7	201.3	236.8	264.9	264.1	252.5	237.9	246.5	252.9	248.5	
70.0	185.4	185.9	200.0	226.4	226.5	211.7	191.9	206.6	218.1	219.6	
72.5	167.5	173.2	178.1	193.5	190.4	169.6	149.9	166.5	185.5	193.6	
75.0	151.8	161.2	161.9	165.7	155.1	134.8	122.7	133.8	153.1	166.8	
77.5	132.9	142.7	139.8	135.9	127.4	119.1	117.4	119.5	125.3	132.2	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-07-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: 174-130

Photometric Data Table [cd]

80.0	112.0	115.6	111.5	104.0	104.1	103.7	110.6	105.9	100.9	98.72
82.5	86.13	87.37	82.55	74.28	71.54	73.43	82.37	79.19	71.21	69.91
85.0	0	25.40	50.34	47.68	41.69	35.11	37.79	41.50	43.37	45.70
87.5	0	0	0	0	15.72	11.23	7.234	12.92	16.60	0
90.0	0	0	0	0	0	0	0.0706	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	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702
2.5	1699	1698	1698	1698	1697	1697	1697	1696	1696	1696
5.0	1692	1691	1691	1690	1690	1690	1690	1690	1690	1690
7.5	1682	1681	1681	1681	1681	1681	1681	1682	1682	1682
10.0	1669	1669	1669	1670	1670	1671	1672	1673	1674	1675
12.5	1653	1653	1654	1655	1657	1659	1661	1663	1665	1667
15.0	1635	1636	1637	1639	1642	1645	1649	1652	1655	1658
17.5	1614	1615	1617	1621	1625	1629	1634	1640	1642	1638
20.0	1589	1591	1594	1599	1605	1612	1612	1607	1604	1602
22.5	1559	1562	1567	1574	1582	1575	1570	1566	1564	1564
25.0	1524	1529	1536	1545	1535	1528	1524	1523	1523	1525
27.5	1485	1491	1501	1491	1481	1477	1475	1477	1480	1484
30.0	1439	1449	1444	1429	1421	1420	1423	1428	1435	1442
32.5	1387	1398	1369	1356	1353	1357	1366	1376	1387	1399
35.0	1325	1310	1279	1268	1273	1287	1303	1320	1293	1271
37.5	1249	1206	1170	1162	1177	1205	1219	1184	1156	1140
40.0	1127	1095	1057	1039	1064	1093	1073	1040	1014	1004
42.5	979.9	977.8	951.4	919.9	929.3	943.9	928.5	896.9	870.4	864.8
45.0	844.3	861.0	852.2	817.2	803.1	807.9	790.7	756.2	726.0	722.2
47.5	741.9	765.3	766.4	739.7	710.6	690.9	663.1	619.7	582.7	577.3
50.0	663.4	693.9	697.5	670.3	637.7	598.2	550.9	490.2	476.9	512.9
52.5	587.5	631.4	621.4	600.1	573.5	525.3	456.3	431.5	436.7	464.6
55.0	509.2	548.3	535.9	524.6	511.4	465.9	425.9	398.3	398.7	420.0
57.5	438.6	446.7	442.5	440.8	445.1	428.8	393.8	365.6	362.4	378.4
60.0	371.7	355.9	349.1	353.1	388.5	387.6	358.5	332.5	327.1	339.3
62.5	305.1	280.0	263.5	295.7	333.2	342.5	320.5	298.3	292.5	301.9
65.0	257.9	221.1	215.3	250.0	282.7	295.2	280.0	263.7	260.6	269.7
67.5	224.0	184.9	194.4	215.2	238.7	248.4	245.4	236.1	230.9	238.0
70.0	197.8	182.9	183.1	191.1	201.4	214.6	216.7	208.6	201.8	207.0
72.5	181.7	178.7	177.9	173.3	173.2	183.0	187.6	181.0	173.3	176.3
75.0	163.3	171.3	165.4	152.1	147.9	152.5	158.1	153.4	145.1	146.0
77.5	136.4	150.4	139.0	130.0	124.7	123.6	128.5	125.7	107.6	97.03
80.0	105.7	117.1	110.6	107.3	103.0	82.99	69.31	53.38	37.24	26.04
82.5	78.48	85.47	78.47	55.72	31.81	11.30	0	0	0	0
85.0	48.63	24.55	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	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702
2.5	1696	1696	1696	1696	1696	1696	1696	1696	1696	1696
5.0	1690	1690	1690	1690	1690	1690	1690	1690	1690	1690
7.5	1683	1683	1683	1683	1683	1683	1683	1683	1683	1682
10.0	1676	1676	1677	1677	1677	1677	1677	1677	1675	1675
12.5	1668	1669	1670	1671	1671	1671	1670	1669	1668	1667
15.0	1660	1662	1663	1664	1665	1664	1664	1662	1660	1658
17.5	1635	1634	1633	1632	1632	1632	1632	1633	1635	1637
20.0	1601	1600	1599	1599	1599	1598	1598	1599	1599	1600
22.5	1565	1565	1566	1566	1566	1565	1564	1563	1562	1562
25.0	1528	1530	1532	1533	1532	1531	1529	1527	1524	1522
27.5	1490	1494	1498	1500	1499	1497	1494	1490	1485	1480
30.0	1450	1458	1463	1467	1466	1464	1459	1453	1445	1437
32.5	1380	1368	1360	1357	1355	1356	1359	1365	1375	1393
35.0	1256	1248	1244	1244	1244	1245	1247	1249	1255	1268
37.5	1131	1127	1127	1130	1133	1135	1133	1131	1132	1140
40.0	1003	1005	1009	1016	1022	1024	1019	1012	1007	1008
42.5	872.8	881.6	890.6	901.9	911.0	912.7	905.0	891.6	879.7	873.4
45.0	740.3	756.9	771.6	787.5	800.0	801.6	790.0	769.5	750.2	736.0
47.5	625.9	666.5	689.8	706.3	717.0	717.7	704.7	677.6	638.4	596.2
50.0	565.4	600.8	617.4	627.1	634.0	635.3	627.3	608.3	577.0	530.7
52.5	508.2	537.4	546.3	548.4	551.0	553.1	551.5	541.8	519.1	480.8
55.0	454.5	476.0	476.4	470.1	468.0	471.2	476.9	477.8	464.6	435.0
57.5	404.0	416.6	407.6	392.2	385.0	389.5	403.6	416.2	413.5	392.7
60.0	356.7	359.3	340.1	314.8	302.0	308.2	331.7	356.8	365.2	353.4
62.5	316.5	320.2	308.3	291.0	281.9	285.2	301.1	318.4	324.7	316.5
65.0	284.2	290.0	282.2	269.1	261.9	264.4	277.4	289.7	292.8	283.4
67.5	252.0	259.6	255.7	247.0	241.8	243.5	253.3	260.4	260.7	250.6
70.0	220.0	229.1	228.8	224.8	221.7	222.5	228.8	230.7	228.7	218.2

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-07-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: 174-130

Photometric Data Table [cd]

72.5	188.2	198.3	201.7	202.4	201.6	201.5	203.9	200.6	196.8	186.1
75.0	156.6	167.5	174.2	180.0	181.6	180.3	178.8	170.4	164.9	154.3
77.5	95.11	94.35	92.21	91.39	90.78	91.59	94.78	96.07	100.5	102.5
80.0	18.15	11.11	5.180	1.343	0	1.346	5.326	11.31	19.20	27.47
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	1702	1702	1702	1702	1702	1702	1702	1702	1702	1702
2.5	1696	1696	1697	1697	1697	1698	1698	1698	1698	1699
5.0	1690	1690	1690	1690	1690	1690	1691	1691	1692	1692
7.5	1682	1682	1682	1681	1681	1681	1681	1682	1682	1683
10.0	1674	1673	1672	1671	1670	1670	1669	1669	1670	1670
12.5	1665	1663	1661	1659	1657	1655	1654	1654	1654	1654
15.0	1655	1651	1648	1645	1642	1639	1636	1635	1635	1635
17.5	1640	1639	1634	1628	1623	1619	1615	1613	1612	1612
20.0	1602	1605	1610	1609	1602	1596	1591	1587	1585	1585
22.5	1562	1563	1566	1571	1578	1569	1562	1557	1554	1554
25.0	1520	1519	1520	1523	1529	1539	1530	1523	1518	1517
27.5	1475	1472	1469	1470	1474	1483	1493	1484	1478	1475
30.0	1429	1421	1415	1412	1413	1420	1435	1440	1431	1426
32.5	1380	1368	1357	1348	1344	1347	1361	1388	1377	1369
35.0	1288	1311	1293	1277	1265	1261	1272	1300	1313	1301
37.5	1154	1178	1209	1195	1172	1160	1167	1197	1234	1214
40.0	1017	1037	1065	1088	1064	1044	1053	1083	1112	1096
42.5	876.6	896.2	924.7	942.9	938.6	923.3	942.2	965.9	970.7	953.7
45.0	735.0	757.4	789.8	809.2	809.4	813.4	843.1	854.1	841.4	821.8
47.5	594.1	622.9	663.3	691.4	706.2	730.9	760.2	761.3	742.3	723.0
50.0	488.8	495.1	549.2	592.7	626.2	662.5	692.5	690.7	666.6	643.0
52.5	447.7	436.8	449.8	512.2	560.8	596.3	619.7	631.0	595.1	564.0
55.0	409.7	403.0	418.3	449.3	501.0	526.7	540.6	554.3	521.4	489.4
57.5	373.6	370.0	386.5	415.8	441.9	451.4	455.2	458.3	451.1	426.9
60.0	339.0	337.0	352.9	379.0	392.3	371.2	365.0	367.3	382.9	372.3
62.5	305.1	303.5	317.5	338.8	340.9	313.7	278.3	288.8	312.3	325.0
65.0	272.2	269.7	280.1	295.8	291.5	263.4	224.0	224.8	259.3	284.0
67.5	240.3	239.2	246.2	251.4	245.5	222.8	197.1	182.0	220.1	246.0
70.0	208.7	209.2	216.4	218.3	205.5	192.8	181.5	177.8	190.1	214.5
72.5	177.7	179.3	186.7	187.3	177.2	171.2	173.5	174.6	173.9	188.2
75.0	147.0	149.5	157.1	157.4	152.1	151.3	162.1	168.9	161.0	165.0
77.5	107.5	119.9	127.6	128.9	129.4	131.7	139.3	149.2	141.0	135.3
80.0	37.05	50.85	69.19	87.45	108.4	111.7	113.7	117.2	112.9	103.0
82.5	0	0	0	11.91	33.53	59.07	83.13	85.49	82.86	73.36
85.0	0	0	0	0	0	0	0	24.37	50.21	48.84
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	1702	1702								
2.5	1699	1700								
5.0	1693	1694								
7.5	1684	1685								
10.0	1671	1673								
12.5	1656	1658								
15.0	1637	1639								
17.5	1614	1617								
20.0	1587	1591								
22.5	1556	1560								
25.0	1519	1524								
27.5	1476	1482								
30.0	1427	1433								
32.5	1369	1375								
35.0	1297	1304								
37.5	1206	1214								
40.0	1083	1090								
42.5	938.7	944.7								
45.0	807.6	806.4								
47.5	701.4	680.2								
50.0	608.5	566.6								
52.5	531.0	485.9								
55.0	473.9	436.0								
57.5	428.7	400.2								
60.0	380.0	368.4								
62.5	336.3	334.1								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-07-15

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.160m [K=1.0000]
 Remarks: 174-130

Photometric Data Table [cd]

65.0	292.9	292.7
67.5	253.4	251.6
70.0	217.7	210.5
72.5	185.6	170.8
75.0	156.4	139.5
77.5	128.3	121.6
80.0	101.0	104.0
82.5	71.10	76.17
85.0	44.77	41.38
87.5	17.82	13.86
90.0	0	0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-07-15

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:13.160m [K=1.0000]
Remarks: 174-130