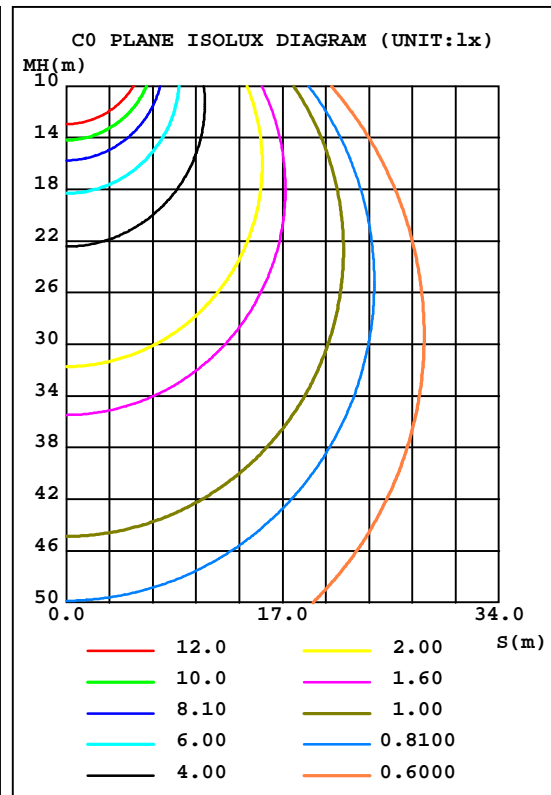
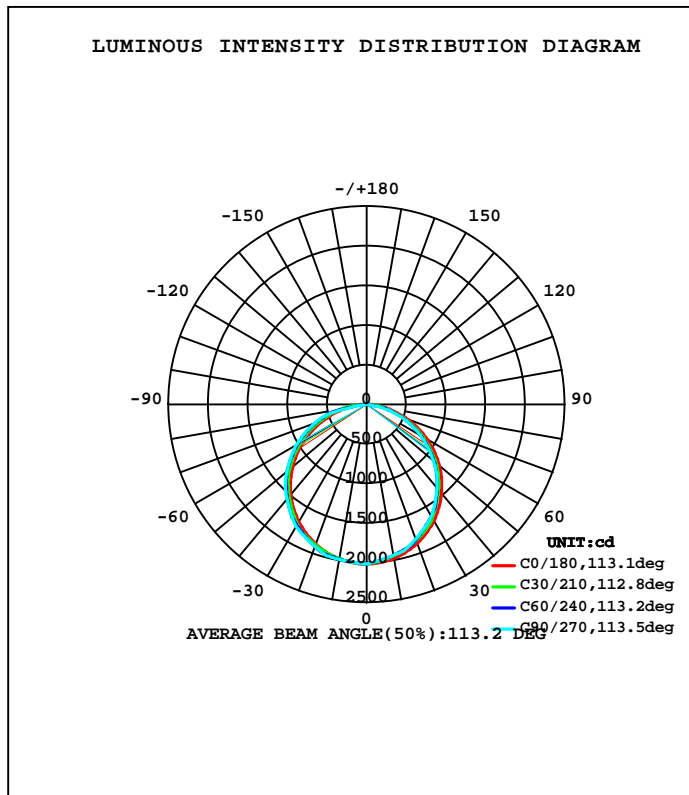


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME: 174-237_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*1150	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.03 lm/W			
MODEL		I _{max} (cd)	2014	S/MH(C0/180)	1.27
NOMINAL POWER(W)	48	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	5706.0	h UP, DN(C0-180)	0.0, 47.1
NOMINAL FLUX(lm)	5705.99	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 52.9
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	h down(%)	100.0	CIBSE SHR MAX	1.35



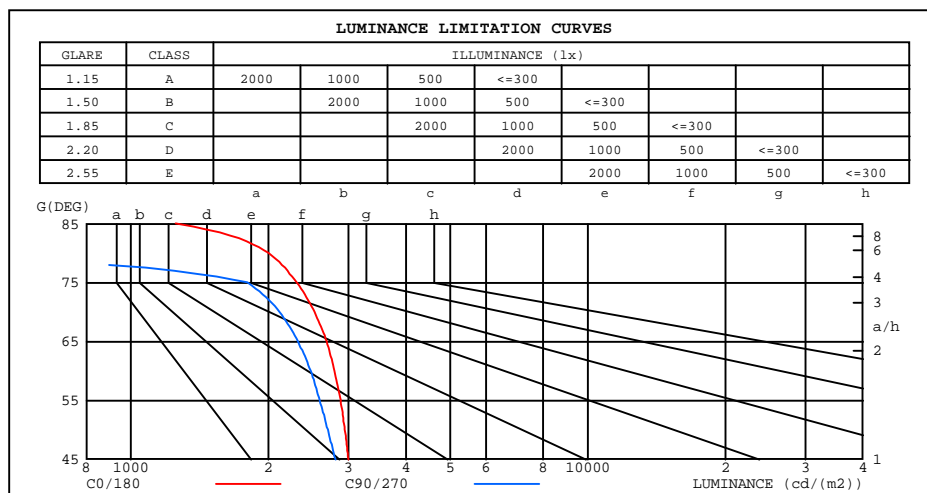
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-03-13

log Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks: 174-237_6000K

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	2004	1981	1975	1983	2006	2001	2001	1999	0- 5	47.84	47.84	0.84,0.84
10	1976	1939	1937	1944	1981	1980	1988	1975	5- 10	141.5	189.3	3.32,3.32
15	1930	1890	1898	1897	1938	1950	1975	1943	10- 15	230.6	419.9	7.36,7.36
20	1868	1833	1812	1842	1879	1913	1911	1904	15- 20	312.3	732.2	12.8,12.8
25	1790	1739	1725	1750	1804	1837	1847	1826	20- 25	382.7	1115	19.5,19.5
30	1698	1636	1639	1647	1713	1749	1783	1736	25- 30	440.9	1556	27.3,27.3
35	1591	1528	1511	1540	1609	1656	1675	1642	30- 35	484.9	2041	35.8,35.8
40	1472	1411	1383	1424	1492	1554	1566	1540	35- 40	511.7	2552	44.7,44.7
45	1340	1265	1256	1278	1362	1421	1458	1405	40- 45	522.1	3075	53.9,53.9
50	1198	1118	1099	1132	1220	1287	1314	1269	45- 50	515.6	3590	62.9,62.9
55	1045	970.4	941.5	984.8	1068	1151	1170	1132	50- 55	490.8	4081	71.5,71.5
60	883.7	802.9	784.2	815.6	907.2	986.7	1026	968.9	55- 60	450.3	4531	79.4,79.4
65	718.1	638.9	621.3	648.8	738.9	825.1	862.5	809.9	60- 65	395.7	4927	86.3,86.3
70	546.6	477.5	458.3	486.3	567.2	661.7	699.2	647.5	65- 70	328.7	5256	92.1,92.1
75	378.6	319.2	295.4	328.5	398.8	496.0	536.0	481.3	70- 75	252.8	5509	96.5,96.5
80	220.1	149.4	0	157.3	239.9	285.8	0	273.9	75- 80	153.0	5662	99.2,99.2
85	69.19	0	0	0	83.88	0	0	0	80- 85	40.87	5702	99.9,99.9
90	0.2614	0	0	0	2.504	0	0	0	85- 90	3.618	5706	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	1254	0
80	2003	0
75	2311	1803
70	2525	2117
65	2684	2322
60	2792	2478
55	2879	2593
50	2944	2700
45	2994	2806

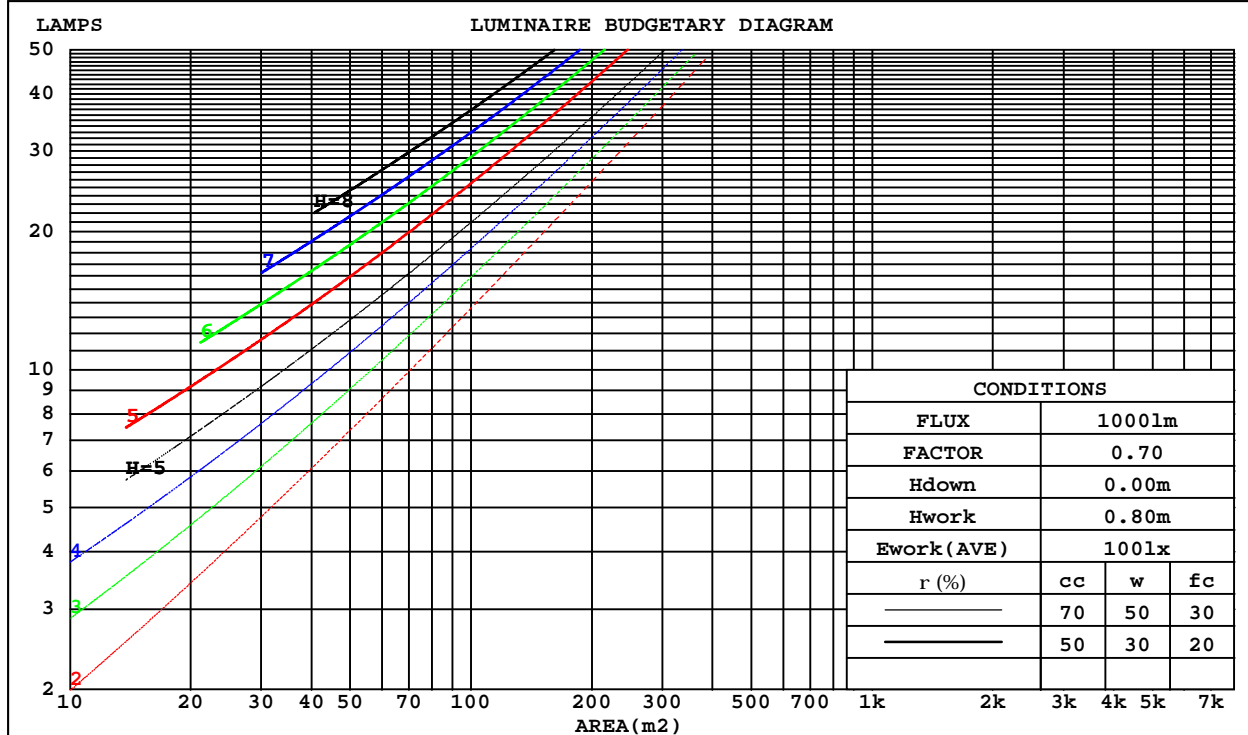
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-03-13

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME: 174-237_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*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						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	1.04	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.76	.72	.70
3.0	.80	.72	.65	.78	.71	.64	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-03-13

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks: 174-237_6000K

WEC AND CCEC

Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*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	.300	.171	.054	.293	.167	.053	.280	.161	.051	.268	.154	.050	.256	.149	.048	
2.0	.287	.158	.048	.281	.155	.048	.270	.150	.047	.259	.145	.045	.249	.141	.044	
3.0	.268	.143	.043	.262	.140	.042	.252	.137	.042	.242	.133	.041	.234	.129	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.037	.218	.118	.036	
5.0	.230	.117	.034	.225	.116	.034	.217	.113	.033	.210	.111	.033	.203	.108	.033	
6.0	.213	.107	.031	.209	.106	.030	.202	.104	.030	.195	.101	.030	.189	.099	.030	
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.183	.094	.027	.177	.092	.027	
8.0	.185	.091	.025	.182	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.078	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.148	.074	.021	

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	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.172	.132	.099	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.141	.099	.065	.097	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-03-13

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks: 174-237_6000K

UGR(Unified Glare Rating) Table

Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm										
NAME:			TYPE:			WEIGHT:				
SPEC.:			DIM.:			SERIAL No.:				
MFR.: Tronix Lighting			SUR.:550*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	16.3	17.8	16.6	18.0	18.2	15.9	17.4	16.2	17.6	17.8
3H	17.8	19.2	18.1	19.4	19.7	17.2	18.6	17.5	18.9	19.1
4H	18.3	19.7	18.7	19.9	20.2	17.7	19.0	18.0	19.3	19.5
6H	18.7	20.0	19.0	20.2	20.5	17.7	19.0	18.0	19.2	19.5
8H	18.8	20.0	19.1	20.3	20.6	17.7	18.9	18.0	19.1	19.4
12H	18.8	20.0	19.1	20.3	20.6	17.6	18.8	18.0	19.1	19.4
4H 2H	16.8	18.1	17.1	18.4	18.6	16.5	17.8	16.8	18.1	18.3
3H	18.5	19.6	18.8	19.9	20.2	18.0	19.2	18.3	19.5	19.8
4H	19.1	20.2	19.5	20.5	20.8	18.6	19.6	18.9	19.9	20.3
6H	19.6	20.5	20.0	20.9	21.2	18.6	19.6	19.0	19.9	20.3
8H	19.7	20.6	20.1	20.9	21.3	18.6	19.5	19.0	19.8	20.2
12H	19.7	20.5	20.2	20.9	21.3	18.5	19.3	19.0	19.7	20.1
8H 4H	19.3	20.2	19.7	20.5	20.9	18.8	19.7	19.2	20.0	20.4
6H	19.9	20.6	20.3	21.0	21.4	18.9	19.6	19.3	20.0	20.5
8H	20.0	20.7	20.5	21.1	21.6	18.9	19.5	19.3	19.9	20.4
12H	20.1	20.7	20.6	21.1	21.6	18.8	19.4	19.3	19.8	20.3
12H 4H	19.3	20.1	19.7	20.5	20.9	18.8	19.6	19.2	20.0	20.4
6H	19.9	20.5	20.3	20.9	21.4	18.9	19.5	19.4	20.0	20.4
8H	20.0	20.6	20.5	21.0	21.5	18.9	19.4	19.3	19.9	20.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 5706 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.1)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-03-13

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks: 174-237_6000K

UTILIZATION FACTORS TABLE

Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*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	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	64	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	92	86	97	90	85	93	88	83	75
3.00	103	96	90	100	94	89	96	91	87	79
4.00	107	101	97	104	99	95	100	96	92	84
5.00	109	104	100	107	102	99	102	99	96	87
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:2017-03-13

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

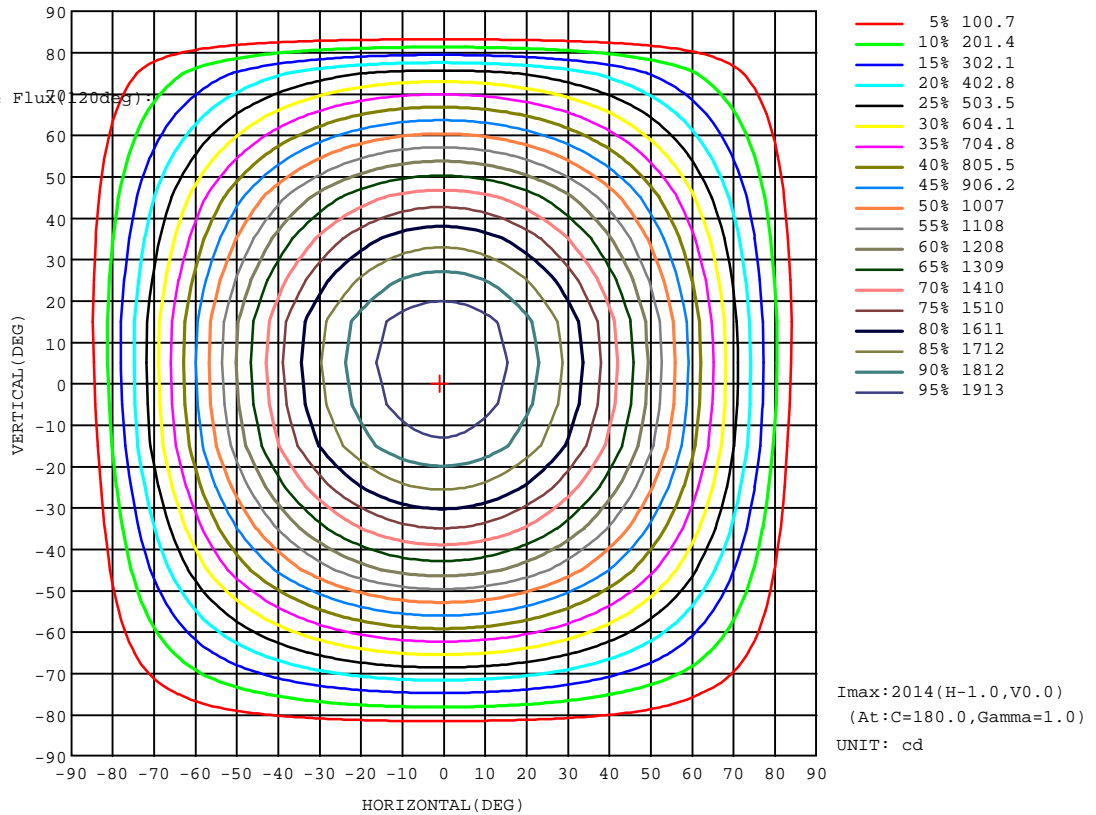
Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*1150	PROTECTION ANGLE:

Conical surface Flux(90deg):

3074.5 lm
%lum = 53.9%
%lamp = 53.9%

Conical surface Flux(20deg):

4531.3 lm
%lum = 79.4%
%lamp = 79.4%



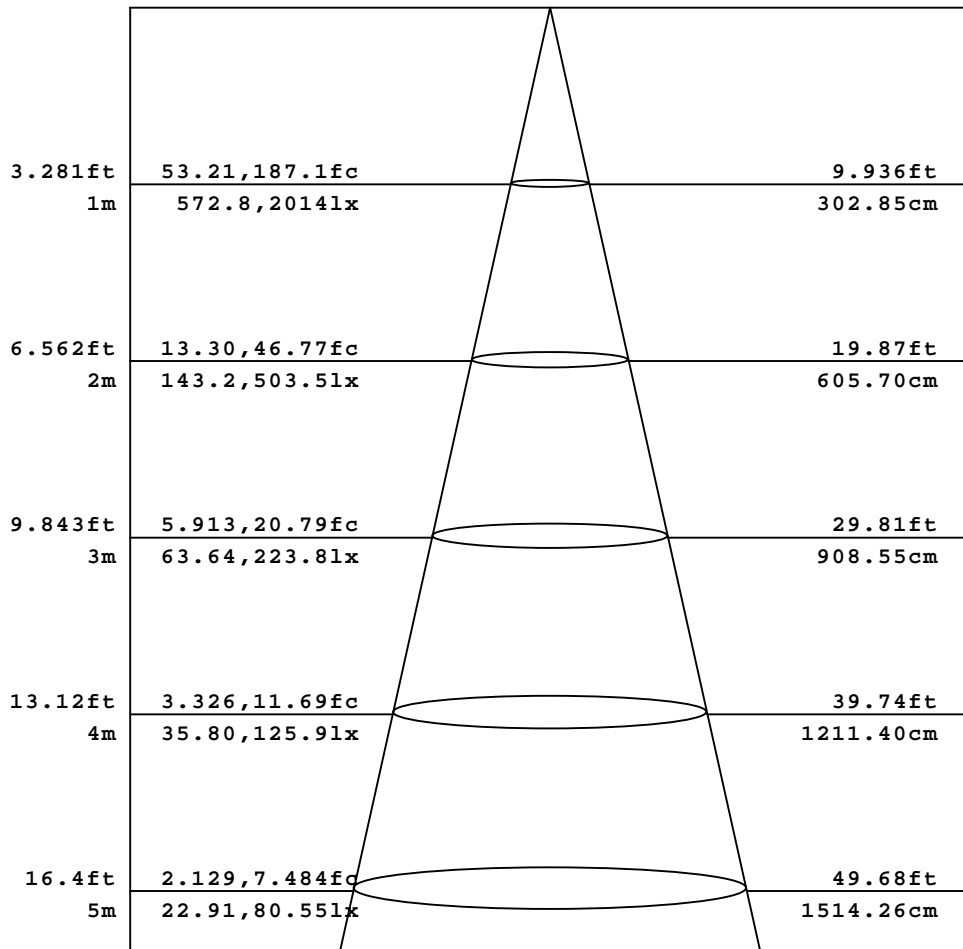
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-13

Range: 0 - 90DEG
Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:13.690m [K=1.0000]
Remarks: 174-237_6000K

AAI Figure

Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME: 174-237_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*1150	PROTECTION ANGLE:

Flux out:4267 lm



Height Eavg, Emax Angle:113.12deg Diameter

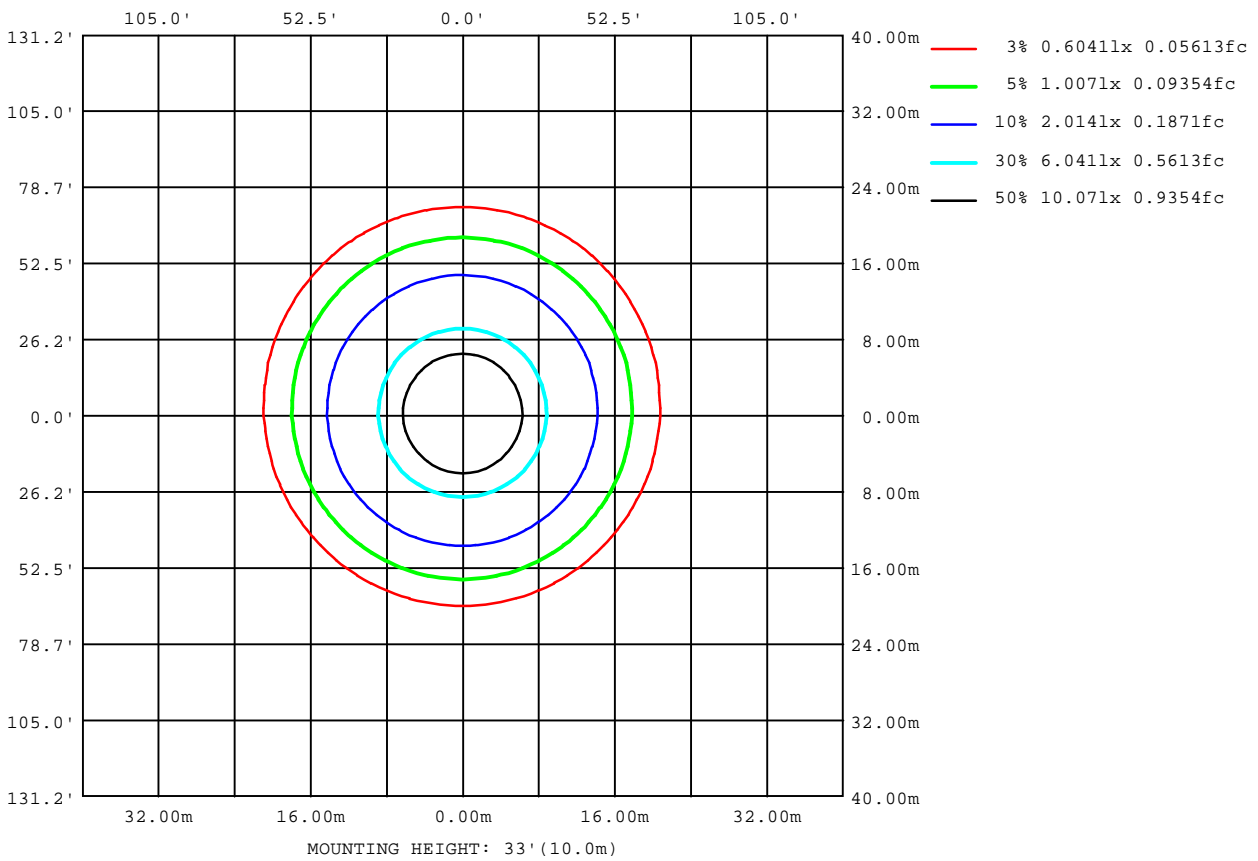
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-03-13

Log Range: 0 - 90DEG
Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:13.690m [K=1.0000]
Remarks: 174-237_6000K

ISOLUX DIAGRAM

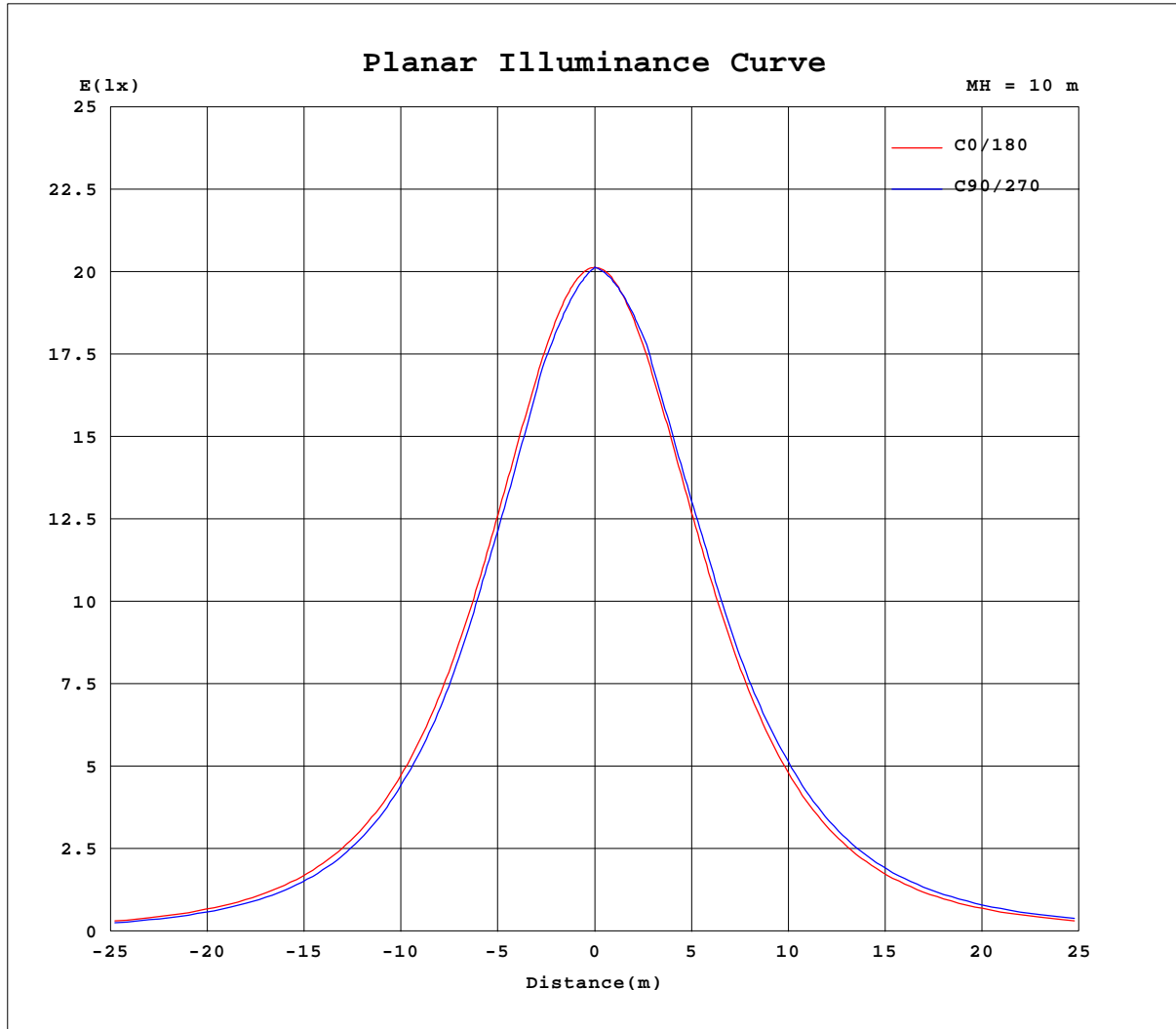
Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME: 174-237_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*1150	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2017-03-13

Log Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks: 174-237_6000K

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-03-13

Log Range: 0 - 90DEG
 Log Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.690m [K=1.0000]
 Remarks: 174-237_6000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
5	2004	2000	1997	1994	1991	1989	1987	1985	1983	1981	1980	1978	1977	1977	1976	1976	1976	1975	1975
10	1976	1969	1963	1958	1954	1950	1946	1944	1941	1939	1938	1937	1937	1936	1936	1936	1936	1937	1937
15	1930	1921	1913	1906	1901	1896	1893	1891	1890	1890	1890	1891	1892	1893	1895	1896	1897	1898	1898
20	1868	1856	1846	1839	1833	1830	1829	1829	1830	1833	1830	1825	1820	1817	1814	1813	1812	1811	1812
25	1790	1776	1765	1758	1753	1752	1754	1757	1747	1739	1734	1730	1727	1726	1725	1724	1724	1724	1725
30	1698	1681	1670	1663	1661	1663	1659	1648	1641	1636	1633	1632	1632	1632	1634	1635	1637	1638	1639
35	1591	1573	1562	1557	1558	1552	1540	1533	1529	1528	1529	1532	1525	1519	1515	1513	1511	1511	1511
40	1472	1452	1441	1439	1438	1423	1415	1412	1413	1411	1402	1394	1389	1386	1384	1383	1383	1383	1383
45	1340	1319	1310	1312	1297	1287	1285	1287	1274	1265	1259	1255	1253	1252	1253	1253	1254	1255	1256
50	1198	1176	1170	1164	1151	1147	1146	1132	1123	1118	1116	1116	1112	1107	1103	1100	1099	1098	1099
55	1045	1024	1021	1006	1000	998	983	975	972	970	962	955	951	947	945	942	941	941	941
60	884	864	859	846	845	829	822	820	810	803	797	793	790	788	787	785	783	783	784
65	718	698	689	687	672	664	658	650	643	639	636	633	630	627	625	623	621	621	621
70	547	531	521	510	502	496	489	485	482	478	474	470	467	464	462	460	458	458	458
75	379	360	347	338	333	331	329	327	324	319	315	310	306	303	300	297	296	295	295
80	220	188	180	180	182	183	181	177	172	149	123	97.0	73.3	52.1	34.0	19.4	8.72	2.20	0.00
85	69.2	54.5	57.6	59.6	54.2	29.5	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	0.26	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:2017-03-13

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME: 174-237_6000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
5	2004	2004	2003	2002	2002	2002	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001
10	1978	1977	1976	1976	1977	1977	1979	1980	1981	1983	1984	1985	1986	1987	1988	1988	1988	1987	1987
15	1934	1934	1935	1936	1939	1942	1946	1950	1954	1959	1963	1966	1970	1972	1974	1975	1975	1974	1972
20	1875	1876	1879	1883	1889	1897	1904	1913	1916	1914	1913	1912	1912	1912	1911	1911	1910	1910	1909
25	1800	1803	1809	1818	1828	1841	1838	1837	1837	1838	1840	1842	1844	1845	1847	1847	1847	1846	1844
30	1711	1717	1727	1740	1747	1745	1746	1749	1753	1759	1764	1770	1774	1778	1781	1783	1783	1781	1778
35	1609	1618	1634	1640	1639	1642	1648	1656	1666	1676	1676	1675	1675	1675	1675	1675	1675	1674	1672
40	1494	1509	1521	1520	1524	1533	1545	1554	1554	1555	1557	1560	1562	1565	1566	1567	1566	1565	1563
45	1368	1388	1388	1392	1403	1419	1419	1421	1425	1431	1438	1444	1449	1454	1457	1459	1458	1456	1453
50	1232	1245	1247	1258	1273	1273	1278	1287	1297	1307	1312	1313	1314	1315	1315	1315	1314	1313	1311
55	1088	1090	1101	1115	1117	1125	1138	1151	1152	1155	1159	1162	1165	1168	1170	1171	1170	1168	1166
60	927	931	949	952	962	979	982	987	993	999	1006	1012	1018	1022	1024	1026	1026	1024	1021
65	756	771	778	791	802	807	816	825	835	844	850	854	858	861	862	863	863	861	858
70	586	598	613	622	630	641	653	662	670	677	683	689	693	697	699	700	699	698	695
75	419	434	443	453	465	476	486	496	505	513	519	525	530	533	535	536	536	534	531
80	265	273	284	294	306	317	326	286	233	183	137	96.8	62.8	35.7	16.0	4.00	0.00	3.99	15.8
85	117	126	124	63.3	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	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:2017-03-13

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks: 174-237_6000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.6V I:0.2194A P:46.76W PF:0.9703 Lamp Flux:5705.99x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Tronix Lighting	SUR.:550*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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014				
5	2000	2000	2000	2000	1999	1999	1999	1999	1999	1999	2000	2000	2001	2002	2002				
10	1986	1984	1983	1981	1979	1977	1975	1974	1973	1972	1971	1971	1971	1972	1974				
15	1969	1966	1962	1958	1953	1948	1943	1939	1935	1931	1928	1926	1925	1926	1927				
20	1909	1907	1907	1906	1906	1907	1904	1894	1886	1878	1872	1867	1864	1863	1865				
25	1842	1839	1835	1832	1829	1827	1826	1826	1828	1815	1804	1795	1789	1786	1787				
30	1774	1768	1762	1756	1749	1742	1736	1732	1730	1731	1724	1710	1700	1695	1694				
35	1671	1669	1667	1666	1665	1653	1642	1633	1625	1621	1621	1614	1599	1590	1587				
40	1559	1555	1551	1546	1543	1540	1540	1529	1515	1505	1499	1500	1486	1473	1468				
45	1448	1441	1434	1426	1418	1411	1405	1402	1401	1383	1370	1365	1364	1345	1337				
50	1308	1305	1302	1299	1293	1281	1269	1260	1254	1252	1236	1223	1219	1207	1195				
55	1162	1157	1152	1146	1140	1136	1132	1118	1105	1096	1093	1077	1065	1061	1044				
60	1016	1009	1002	994	985	977	969	962	957	939	928	925	906	900	884				
65	854	850	844	838	831	820	810	798	787	780	766	753	749	730	719				
70	691	685	679	672	664	655	648	638	624	610	599	588	575	563	552				
75	527	522	516	508	500	491	481	471	459	448	434	419	408	398	383				
80	35.2	61.8	94.9	134	177	225	274	310	300	289	276	264	251	241	228				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.3	109	109	98.1	87.5				
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:2017-03-13

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.690m [K=1.0000]
 Remarks: 174-237_6000K

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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
2.5	2011	2009	2007	2006	2004	2003	2002	2001	1999	1998
5.0	2004	2000	1997	1994	1991	1989	1987	1985	1983	1981
7.5	1991	1987	1982	1978	1974	1971	1968	1965	1963	1961
10.0	1976	1969	1963	1958	1954	1950	1946	1944	1941	1939
12.5	1955	1947	1940	1934	1929	1925	1922	1919	1917	1916
15.0	1930	1921	1913	1906	1901	1896	1893	1891	1890	1890
17.5	1901	1890	1882	1874	1869	1865	1863	1862	1861	1862
20.0	1868	1856	1846	1839	1833	1830	1829	1829	1830	1833
22.5	1831	1818	1808	1800	1795	1793	1792	1794	1797	1790
25.0	1790	1776	1765	1758	1753	1752	1754	1757	1747	1739
27.5	1746	1731	1719	1712	1709	1709	1712	1704	1695	1688
30.0	1698	1681	1670	1663	1661	1663	1659	1648	1641	1636
32.5	1646	1629	1617	1611	1611	1614	1601	1591	1585	1582
35.0	1591	1573	1562	1557	1558	1552	1540	1533	1529	1528
37.5	1533	1514	1503	1499	1503	1489	1478	1473	1471	1472
40.0	1472	1452	1441	1439	1438	1423	1415	1412	1413	1411
42.5	1407	1387	1377	1377	1368	1356	1350	1350	1350	1338
45.0	1340	1319	1310	1312	1297	1287	1285	1287	1274	1265
47.5	1270	1249	1242	1241	1224	1218	1218	1210	1199	1191
50.0	1198	1176	1170	1164	1151	1147	1146	1132	1123	1118
52.5	1122	1101	1097	1086	1075	1076	1064	1053	1047	1045
55.0	1045	1024	1021	1006	1000	997.6	983.0	975.0	971.5	970.4
57.5	965.3	944.5	943.4	926.5	923.7	913.2	902.1	897.1	895.5	886.3
60.0	883.7	863.7	858.9	845.8	844.9	828.9	821.5	819.8	810.4	802.9
62.5	801.0	781.5	774.0	766.9	757.5	745.8	742.2	734.5	726.4	720.4
65.0	718.1	698.5	689.2	687.0	671.9	664.2	658.1	649.6	643.4	638.9
67.5	632.4	614.6	604.5	600.4	586.5	582.5	572.9	566.6	561.7	558.3
70.0	546.6	531.0	520.6	510.4	501.8	495.8	489.5	485.2	481.5	477.5
72.5	461.7	447.9	436.6	422.4	416.7	411.9	408.0	405.4	401.9	397.8
75.0	378.6	360.4	347.1	337.5	332.6	330.7	329.3	327.4	323.8	319.2
77.5	298.0	273.6	259.6	255.3	254.2	254.5	254.0	251.4	247.1	241.7
80.0	220.1	188.3	180.5	180.3	182.2	183.5	181.4	177.1	171.5	149.4
82.5	142.8	112.1	112.3	114.8	117.5	115.7	108.7	81.35	51.29	20.24
85.0	69.19	54.54	57.61	59.60	54.20	29.46	0	0	0	0
87.5	13.29	19.84	15.56	0	0	0	0	0	0	0
90.0	0.2614	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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
2.5	1998	1997	1996	1996	1995	1995	1995	1995	1995	1995
5.0	1980	1978	1977	1977	1976	1976	1976	1975	1975	1975
7.5	1960	1959	1958	1957	1956	1956	1956	1956	1956	1956
10.0	1938	1937	1937	1936	1936	1936	1936	1937	1937	1937
12.5	1915	1915	1915	1915	1916	1916	1916	1917	1918	1918
15.0	1890	1891	1892	1893	1895	1896	1897	1898	1898	1898
17.5	1864	1866	1865	1862	1859	1857	1855	1855	1855	1856
20.0	1830	1825	1820	1817	1814	1813	1812	1811	1812	1813
22.5	1783	1778	1774	1771	1770	1769	1768	1768	1768	1769
25.0	1734	1730	1727	1726	1725	1724	1724	1724	1725	1726
27.5	1684	1681	1680	1679	1679	1680	1680	1681	1682	1682
30.0	1633	1632	1632	1632	1634	1635	1637	1638	1639	1639
32.5	1581	1582	1583	1586	1581	1578	1576	1575	1575	1576
35.0	1529	1532	1525	1519	1515	1513	1511	1511	1511	1512
37.5	1472	1464	1457	1453	1450	1448	1447	1447	1447	1448
40.0	1402	1394	1389	1386	1384	1383	1383	1383	1383	1384
42.5	1330	1325	1321	1319	1318	1318	1318	1319	1320	1320
45.0	1259	1255	1253	1252	1253	1253	1254	1255	1256	1257
47.5	1187	1186	1185	1186	1183	1180	1178	1177	1177	1179
50.0	1116	1116	1112	1107	1103	1100	1099	1098	1099	1100
52.5	1045	1037	1032	1027	1024	1021	1020	1019	1020	1021
55.0	961.7	955.5	950.8	947.2	944.9	942.3	941.0	940.7	941.5	942.3
57.5	879.3	874.1	870.4	867.7	865.9	863.6	862.1	862.1	862.9	863.5
60.0	797.3	793.2	790.2	788.3	787.1	785.2	783.4	783.4	784.2	784.8
62.5	716.1	712.8	710.6	709.0	707.0	704.8	702.3	702.1	702.8	703.4
65.0	635.5	632.7	629.7	627.1	625.2	623.3	620.9	620.7	621.3	622.0
67.5	554.7	551.1	548.1	545.6	543.5	541.8	539.6	539.3	539.8	540.6
70.0	473.8	470.2	467.0	464.3	462.0	460.3	458.3	457.9	458.3	459.2
72.5	393.8	389.9	386.3	383.3	380.8	378.7	377.0	376.5	376.8	377.8
75.0	314.6	310.1	306.0	302.6	299.6	297.3	295.8	295.1	295.4	296.4
77.5	236.1	230.9	212.6	193.8	177.6	164.5	155.1	149.4	147.7	150.0
80.0	122.6	97.03	73.30	52.12	33.99	19.40	8.716	2.195	0	2.205
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: 2017-03-13

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.690m [K=1.0000]
 Remarks:

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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
2.5	1995	1995	1996	1996	1997	1998	1999	2000	2001	2002
5.0	1976	1976	1977	1978	1979	1980	1982	1983	1985	1987
7.5	1957	1957	1958	1959	1960	1961	1963	1965	1967	1969
10.0	1937	1938	1938	1939	1940	1941	1942	1944	1946	1948
12.5	1918	1918	1918	1918	1919	1919	1920	1921	1923	1925
15.0	1899	1898	1898	1897	1897	1896	1896	1897	1897	1899
17.5	1857	1859	1862	1866	1871	1872	1871	1870	1870	1870
20.0	1814	1816	1818	1822	1826	1832	1839	1842	1840	1839
22.5	1770	1772	1774	1777	1781	1785	1791	1799	1808	1805
25.0	1726	1728	1729	1731	1734	1738	1743	1750	1759	1769
27.5	1683	1683	1684	1685	1687	1689	1694	1699	1706	1717
30.0	1639	1639	1639	1639	1639	1640	1643	1647	1653	1662
32.5	1578	1581	1586	1592	1591	1591	1591	1594	1598	1606
35.0	1514	1517	1521	1526	1533	1540	1539	1540	1542	1547
37.5	1450	1452	1455	1460	1466	1473	1483	1484	1484	1488
40.0	1386	1387	1390	1393	1398	1404	1413	1424	1426	1427
42.5	1321	1323	1325	1327	1330	1335	1342	1351	1364	1365
45.0	1257	1258	1259	1260	1262	1266	1271	1278	1289	1302
47.5	1181	1184	1189	1194	1195	1197	1200	1205	1213	1226
50.0	1102	1105	1109	1115	1122	1127	1129	1132	1138	1148
52.5	1023	1026	1029	1034	1040	1048	1058	1059	1063	1070
55.0	943.9	946.3	949.4	953.5	958.9	965.7	974.3	984.8	987.4	991.8
57.5	865.0	866.9	869.7	873.2	877.7	883.6	891.0	899.8	911.3	914.1
60.0	786.2	787.7	790.2	793.1	796.9	801.6	807.8	815.6	825.2	837.2
62.5	705.1	707.0	709.9	713.1	716.2	720.2	725.4	731.8	739.9	750.5
65.0	623.7	625.7	628.5	631.5	635.0	639.3	643.7	648.8	655.6	664.6
67.5	542.3	544.4	547.1	550.3	553.8	558.1	562.5	566.8	572.7	580.2
70.0	460.9	463.2	466.0	469.4	473.1	477.3	481.8	486.3	491.0	497.0
72.5	379.5	382.0	385.1	388.7	392.7	397.2	402.1	406.9	411.8	415.8
75.0	298.2	300.9	304.3	308.2	312.7	317.7	323.1	328.5	334.0	338.3
77.5	156.4	166.7	180.8	198.1	218.6	238.6	244.8	251.3	257.6	262.7
80.0	8.793	19.66	34.60	53.29	75.37	100.4	127.9	157.3	182.5	188.9
82.5	0	0	0	0	0	0	0	21.32	54.77	88.37
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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
2.5	2003	2005	2006	2008	2009	2011	2012	2012	2011	2011
5.0	1989	1992	1994	1997	2000	2003	2006	2005	2004	2004
7.5	1972	1975	1979	1982	1986	1991	1996	1994	1993	1992
10.0	1951	1955	1959	1964	1969	1975	1981	1979	1978	1977
12.5	1928	1931	1936	1941	1947	1954	1962	1960	1958	1957
15.0	1901	1904	1909	1914	1921	1929	1938	1936	1934	1934
17.5	1871	1874	1878	1884	1891	1900	1911	1908	1907	1907
20.0	1839	1841	1845	1850	1858	1867	1879	1876	1875	1876
22.5	1804	1804	1807	1812	1820	1830	1843	1840	1839	1841
25.0	1766	1765	1767	1771	1779	1790	1804	1800	1800	1803
27.5	1726	1723	1724	1727	1734	1745	1760	1757	1757	1762
30.0	1674	1679	1677	1679	1686	1697	1713	1710	1711	1717
32.5	1616	1631	1628	1629	1635	1646	1663	1660	1662	1669
35.0	1556	1570	1576	1575	1580	1591	1609	1606	1609	1618
37.5	1495	1507	1522	1519	1522	1533	1552	1549	1553	1565
40.0	1432	1441	1457	1460	1462	1472	1492	1488	1494	1509
42.5	1367	1375	1388	1398	1399	1408	1428	1425	1433	1449
45.0	1302	1306	1318	1335	1333	1341	1362	1359	1368	1388
47.5	1235	1236	1245	1264	1264	1272	1292	1290	1302	1319
50.0	1163	1165	1171	1187	1194	1200	1220	1219	1232	1245
52.5	1082	1094	1096	1109	1121	1125	1145	1145	1161	1168
55.0	1001	1016	1020	1029	1046	1048	1068	1069	1088	1090
57.5	919.9	932.1	943.3	948.6	968.9	969.1	988.7	990.6	1012	1011
60.0	840.2	848.5	863.5	867.2	883.5	888.2	907.2	910.2	927.4	931.5
62.5	762.4	765.6	776.3	785.5	797.5	806.3	823.5	828.5	842.0	851.3
65.0	677.5	683.8	689.7	703.5	711.3	724.1	738.9	746.6	756.1	770.9
67.5	589.9	601.5	603.9	614.9	623.7	640.2	652.7	663.3	671.2	684.7
70.0	504.1	513.2	519.6	524.6	535.6	556.2	567.2	580.2	586.3	597.5
72.5	421.2	427.7	433.9	437.1	447.6	470.0	481.9	497.0	503.9	513.6
75.0	342.6	345.7	349.4	353.4	358.4	378.5	398.8	410.7	419.5	434.3
77.5	267.4	268.7	269.7	271.7	274.5	288.9	321.0	329.4	338.6	351.7

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-03-13

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.690m [K=1.0000]
 Remarks: 174-237_6000K

Photometric Data Table [cd]

80.0	194.3	197.0	196.9	195.8	195.6	203.2	239.9	252.4	264.6	272.8
82.5	120.6	128.6	130.8	128.7	125.3	124.7	158.8	177.7	187.4	198.1
85.0	0	33.70	64.45	70.60	67.40	64.01	83.88	109.2	116.7	126.2
87.5	0	0	0	0	20.96	26.26	22.87	44.56	44.81	0
90.0	0	0	0	0	0	0	2.504	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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
2.5	2010	2010	2010	2009	2009	2009	2008	2008	2008	2008
5.0	2003	2002	2002	2002	2001	2001	2001	2001	2001	2001
7.5	1992	1991	1991	1991	1991	1992	1992	1993	1993	1994
10.0	1976	1976	1977	1977	1979	1980	1981	1983	1984	1985
12.5	1957	1958	1960	1961	1963	1966	1969	1971	1974	1976
15.0	1935	1936	1939	1942	1946	1950	1954	1959	1963	1966
17.5	1908	1911	1916	1921	1926	1932	1939	1945	1948	1946
20.0	1879	1883	1889	1897	1904	1913	1916	1914	1913	1912
22.5	1846	1852	1860	1870	1881	1879	1877	1876	1877	1877
25.0	1809	1818	1828	1841	1838	1837	1837	1838	1840	1842
27.5	1769	1780	1794	1794	1793	1794	1796	1799	1802	1806
30.0	1727	1740	1747	1745	1746	1749	1753	1759	1764	1770
32.5	1681	1697	1694	1694	1698	1703	1710	1718	1725	1733
35.0	1634	1640	1639	1642	1648	1656	1666	1676	1676	1675
37.5	1583	1581	1582	1588	1597	1608	1617	1616	1617	1618
40.0	1521	1520	1524	1533	1545	1554	1554	1555	1557	1560
42.5	1456	1457	1464	1476	1489	1488	1490	1493	1497	1502
45.0	1388	1392	1403	1419	1419	1421	1425	1431	1438	1444
47.5	1318	1326	1341	1347	1349	1354	1361	1369	1378	1386
50.0	1247	1258	1273	1273	1278	1287	1297	1307	1312	1313
52.5	1174	1191	1195	1199	1208	1219	1233	1233	1235	1237
55.0	1101	1115	1117	1125	1138	1151	1152	1155	1159	1162
57.5	1026	1033	1040	1052	1067	1068	1072	1077	1082	1087
60.0	948.8	951.5	962.4	979.1	982.0	986.7	992.6	999.3	1006	1012
62.5	862.8	870.3	886.3	893.0	898.4	905.5	913.6	922.0	930.3	937.1
65.0	777.7	791.4	802.4	807.4	815.6	825.1	835.3	844.3	849.6	854.1
67.5	694.2	711.8	714.7	723.3	734.0	746.0	753.8	760.5	766.3	771.5
70.0	613.2	622.2	629.6	640.8	653.0	661.7	669.8	677.2	683.5	689.0
72.5	528.5	535.7	546.9	558.7	568.7	578.2	586.9	594.5	601.2	606.9
75.0	443.1	452.6	464.6	475.9	486.3	496.0	504.7	512.5	519.3	525.1
77.5	362.2	372.0	384.0	395.2	405.5	414.8	423.4	431.1	397.4	359.9
80.0	284.5	294.2	306.2	316.8	326.2	328.5	232.6	182.7	137.1	96.81
82.5	208.7	219.6	222.8	161.5	99.50	38.74	0	0	0	0
85.0	124.1	63.26	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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
2.5	2008	2008	2007	2007	2007	2007	2007	2007	2007	2007
5.0	2001	2001	2001	2001	2001	2001	2001	2000	2000	2000
7.5	1994	1994	1994	1994	1994	1994	1994	1993	1992	1992
10.0	1986	1987	1988	1988	1988	1987	1987	1986	1984	1983
12.5	1978	1980	1981	1981	1981	1981	1980	1978	1975	1973
15.0	1970	1972	1974	1975	1975	1974	1972	1969	1966	1962
17.5	1945	1945	1944	1943	1943	1942	1942	1942	1942	1941
20.0	1912	1912	1912	1911	1911	1910	1909	1909	1907	1907
22.5	1878	1879	1879	1879	1879	1878	1877	1875	1873	1871
25.0	1844	1845	1847	1847	1847	1846	1844	1842	1839	1835
27.5	1809	1812	1814	1815	1815	1814	1811	1808	1804	1799
30.0	1774	1778	1781	1783	1783	1781	1778	1774	1768	1762
32.5	1732	1731	1730	1730	1729	1728	1727	1726	1725	1726
35.0	1675	1675	1675	1675	1675	1674	1672	1671	1669	1667
37.5	1619	1620	1621	1621	1621	1619	1618	1615	1612	1609
40.0	1562	1565	1566	1567	1566	1565	1563	1559	1555	1551
42.5	1506	1510	1512	1513	1512	1511	1508	1504	1498	1492
45.0	1449	1454	1457	1459	1458	1456	1453	1448	1441	1434
47.5	1388	1388	1388	1387	1386	1385	1383	1382	1379	1375
50.0	1314	1315	1315	1315	1314	1313	1311	1308	1305	1302
52.5	1240	1241	1242	1243	1242	1241	1238	1235	1231	1227
55.0	1165	1168	1170	1171	1170	1168	1166	1162	1157	1152
57.5	1091	1095	1097	1098	1098	1096	1093	1089	1083	1077
60.0	1018	1022	1024	1026	1026	1024	1021	1016	1009	1002
62.5	940.3	942.6	944.0	944.9	944.1	942.7	940.2	936.6	932.3	927.1
65.0	857.8	860.6	862.2	863.1	862.5	861.0	858.3	854.5	849.8	844.0
67.5	775.5	778.6	780.4	781.4	780.9	779.3	776.5	772.5	767.5	761.4
70.0	693.4	696.7	698.6	699.7	699.2	697.7	694.7	690.7	685.4	679.2

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-03-13

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.690m [K=1.0000]
 Remarks: 174-237_6000K

Photometric Data Table [cd]

72.5	611.5	614.8	616.9	618.0	617.6	616.0	613.0	608.9	603.6	597.2
75.0	529.7	533.0	535.3	536.3	536.0	534.4	531.4	527.2	521.9	515.6
77.5	328.0	302.4	283.7	272.2	268.0	271.2	281.6	299.0	322.9	352.8
80.0	62.78	35.66	15.95	4.000	0	3.985	15.83	35.25	61.80	94.89
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	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014
2.5	2007	2007	2007	2008	2008	2008	2008	2008	2009	2009
5.0	2000	1999	1999	1999	1999	1999	1999	2000	2000	2001
7.5	1991	1990	1989	1988	1988	1987	1987	1987	1987	1988
10.0	1981	1979	1977	1975	1974	1973	1972	1971	1971	1971
12.5	1970	1967	1964	1960	1958	1955	1953	1951	1950	1950
15.0	1958	1953	1948	1943	1939	1935	1931	1928	1926	1925
17.5	1942	1938	1931	1924	1918	1912	1906	1902	1899	1897
20.0	1906	1906	1907	1904	1894	1886	1878	1872	1867	1864
22.5	1870	1868	1868	1868	1869	1858	1848	1839	1833	1829
25.0	1832	1829	1827	1826	1826	1828	1815	1804	1795	1789
27.5	1794	1789	1785	1782	1780	1780	1779	1765	1754	1746
30.0	1756	1749	1742	1736	1732	1730	1731	1724	1710	1700
32.5	1716	1707	1698	1690	1683	1679	1677	1679	1663	1651
35.0	1666	1665	1653	1642	1633	1625	1621	1621	1614	1599
37.5	1606	1605	1604	1594	1581	1571	1564	1561	1562	1544
40.0	1546	1543	1540	1540	1529	1515	1505	1499	1500	1486
42.5	1486	1480	1476	1472	1472	1458	1445	1436	1433	1426
45.0	1426	1418	1411	1405	1402	1401	1383	1370	1365	1364
47.5	1365	1355	1345	1337	1331	1328	1320	1304	1294	1294
50.0	1299	1293	1281	1269	1260	1254	1252	1236	1223	1219
52.5	1223	1219	1216	1201	1189	1179	1174	1168	1150	1143
55.0	1146	1140	1136	1132	1118	1105	1096	1093	1077	1065
57.5	1070	1062	1056	1050	1046	1030	1018	1011	1002	985.8
60.0	993.7	985.1	976.5	968.9	962.5	956.8	939.4	928.0	925.4	906.1
62.5	918.1	908.2	897.9	889.0	879.6	872.2	862.9	846.5	838.5	826.9
65.0	837.8	830.9	820.1	809.9	798.0	787.3	779.6	766.3	753.2	749.4
67.5	754.6	747.0	739.1	731.7	717.7	704.7	693.5	685.7	669.4	663.1
70.0	672.0	663.9	655.5	647.5	637.9	623.8	609.9	598.6	587.6	574.5
72.5	589.8	581.5	572.9	563.8	553.4	542.5	528.6	514.3	503.4	489.4
75.0	508.2	499.8	491.1	481.3	470.6	459.4	447.7	433.5	419.3	408.4
77.5	387.8	418.7	409.8	400.1	389.6	378.6	366.9	354.4	340.5	328.2
80.0	133.7	177.3	224.5	273.9	310.2	299.9	288.9	276.5	264.3	251.4
82.5	0	0	0	37.10	94.41	151.5	206.3	201.9	189.9	178.5
85.0	0	0	0	0	0	0	0	57.34	109.1	108.7
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	2014	2014								
2.5	2010	2010								
5.0	2002	2002								
7.5	1989	1990								
10.0	1972	1974								
12.5	1951	1952								
15.0	1926	1927								
17.5	1897	1898								
20.0	1863	1865								
22.5	1827	1827								
25.0	1786	1787								
27.5	1742	1742								
30.0	1695	1694								
32.5	1644	1642								
35.0	1590	1587								
37.5	1533	1529								
40.0	1473	1468								
42.5	1410	1404								
45.0	1345	1337								
47.5	1277	1267								
50.0	1207	1195								
52.5	1135	1120								
55.0	1061	1044								
57.5	983.5	964.6								
60.0	899.8	884.1								
62.5	815.2	802.1								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017-03-13

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.690m [K=1.0000]
 Remarks: 174-237_6000K

Photometric Data Table [cd]

65.0	730.3	719.3
67.5	645.8	635.5
70.0	562.8	551.6
72.5	482.0	468.0
75.0	397.7	383.3
77.5	315.7	304.0
80.0	241.1	228.2
82.5	165.8	154.8
85.0	98.09	87.51
87.5	33.17	30.26
90.0	0	0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2017-03-13

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity: 65.0%
Test Distance: 13.690m [K=1.0000]
Remarks: 174-237_6000K