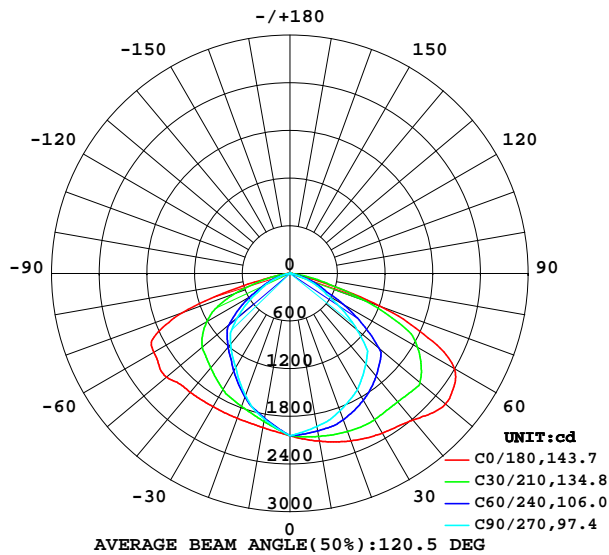
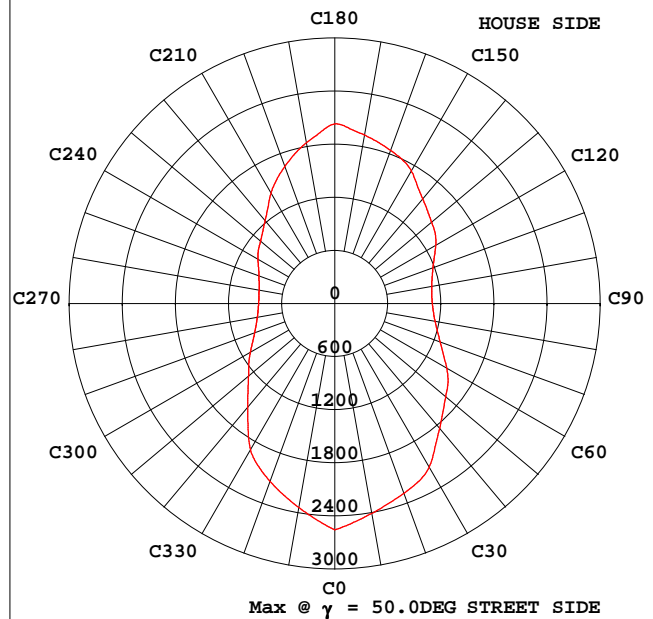


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.06V I:0.3355A P:40.192W PF:0.9977 Freq:59.98Hz Lamp Flux:6394.08x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:40W	DIM.: 520*90mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 159.09 lm/W			
MODEL	GHLV-07-U	Imax(cd)	2558	$\eta$ street_up(%)	0.0
NOMINAL POWER(W)	40	LOR(%)	100.0	$\eta$ street_down(%)	53.8
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	6394	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	6394.08	MAXIMUM @(C, $\gamma$ )	0,50.0	$\eta$ house_down(%)	46.2
LAMPS INSIDE	1	$\eta$ up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	$\eta$ down(%)	100.0	SLI	17.967

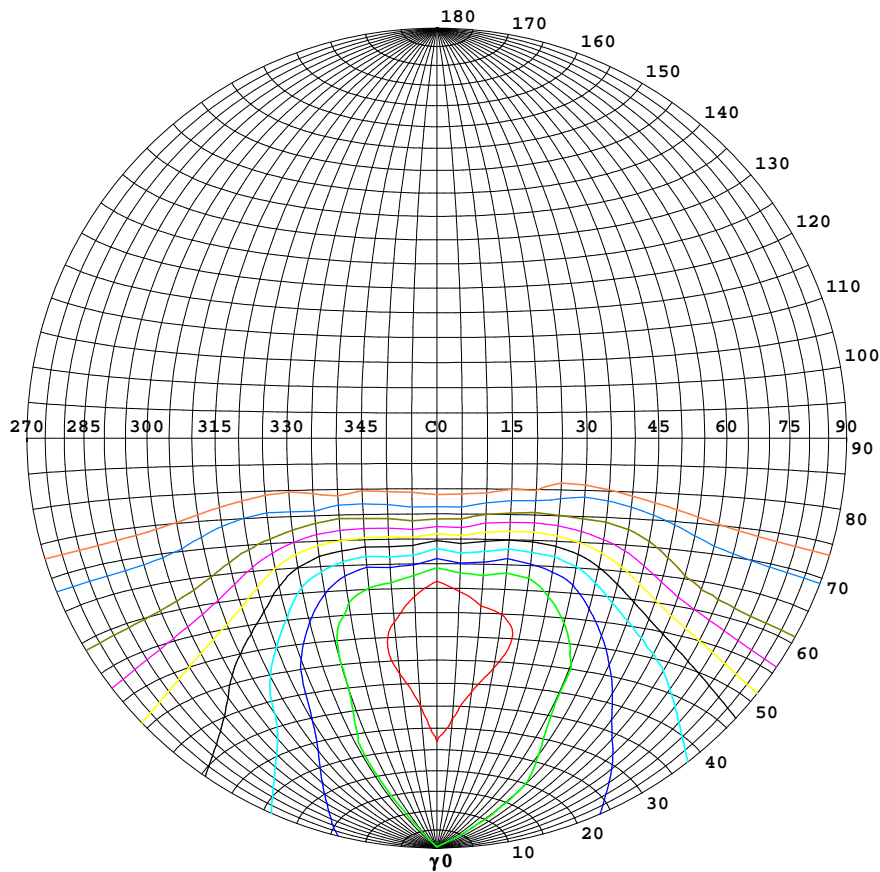
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

$H(\beta)$  Range:-90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-10-14

$V(B)$  Range:-75 - 75DEG  
 $V(B)$  Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.938m [K=1.0000]  
Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.06V I:0.3355A P:40.192W PF:0.9977 Freq:59.98Hz Lamp Flux:6394.08x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:40W	DIM.: 520*90mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



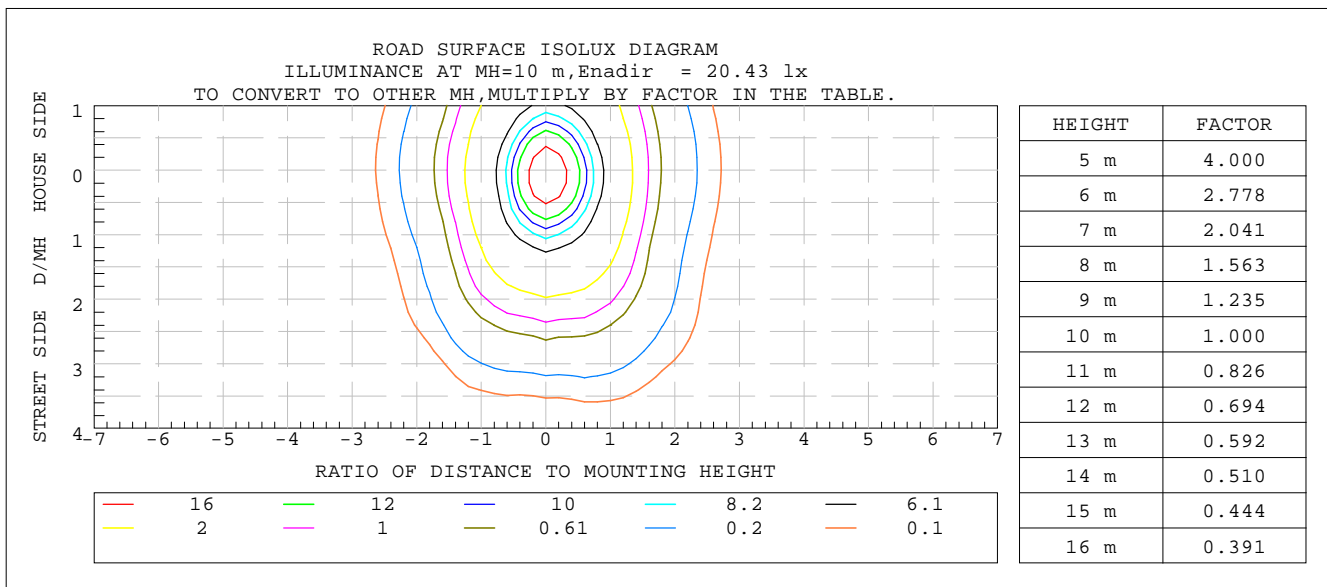
## Classification:

IES:Type III - Short  
CIE:Broad - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:40.16cd/klm  
Max.At90:0.5552cd/klm  
Max.80-90:40.16cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2558
90%	2303
80%	2047
70%	1791
60%	1535
50%	1279
40%	1023
30%	768
20%	512
10%	256
5%	128

$H(\beta)$  Range:-90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-10-14

$V(B)$  Range:-75 - 75DEG  
 $V(B)$  Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.938m [K=1.0000]  
Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-10-14**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.938m [K=1.0000]**  
**Remarks:**

## ZONAL FLUX DIAGRAM

Test:U:120.06V I:0.3355A P:40.192W PF:0.9977 Freq:59.98Hz Lamp Flux:6394.08x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:40W	DIM.: 520*90mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

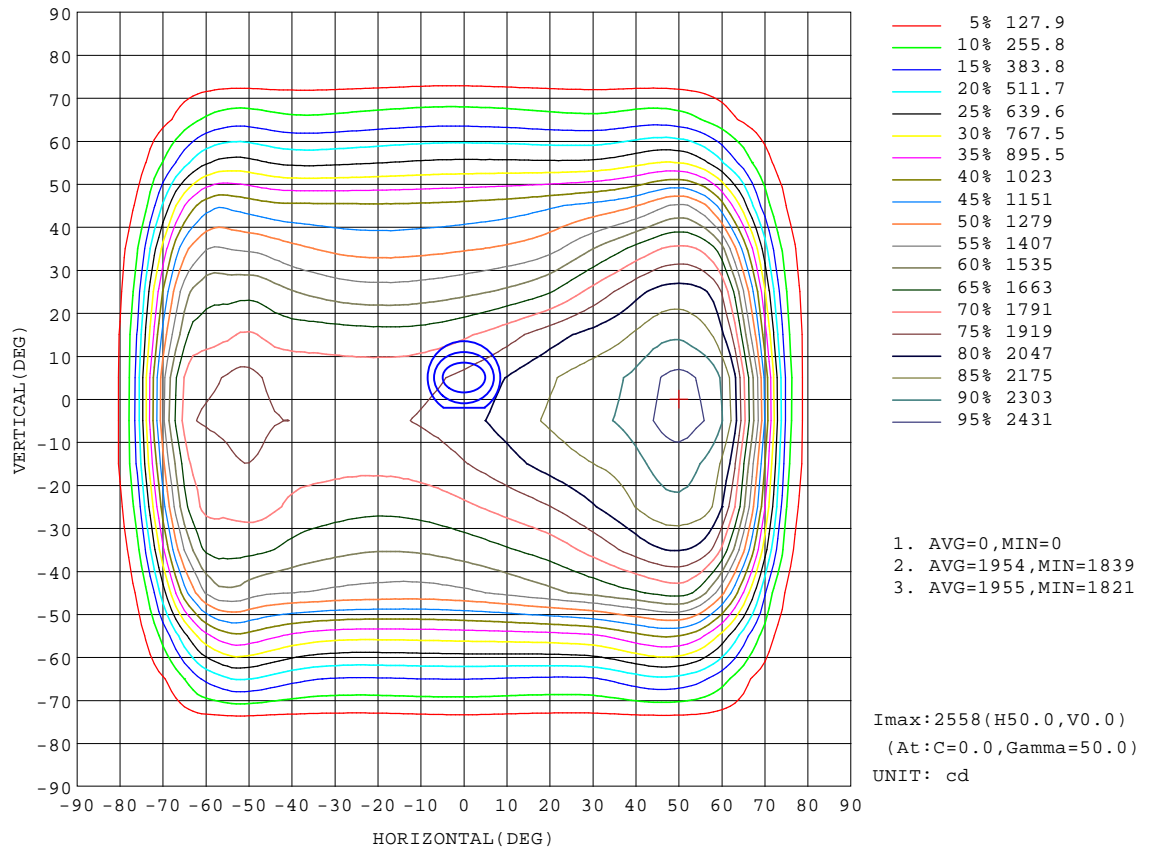
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	2141	2049	1956	1930	1971	1865	1862	1982	0- 10	190.0	190.0	2.97,2.97
20	2244	2046	1840	1842	1939	1719	1637	1928	10- 20	545.7	735.7	11.5,11.5
30	2324	1975	1696	1734	1938	1527	1368	1758	20- 30	848.2	1584	24.8,24.8
40	2410	1905	1488	1636	1955	1329	1164	1617	30- 40	1082	2666	41.7,41.7
50	2558	1731	1104	1484	2031	1153	862.2	1389	40- 50	1248	3914	61.2,61.2
60	2389	1244	542.2	1087	1981	793.8	464.2	935.7	50- 60	1219	5133	80.3,80.3
70	1205	560.8	232.1	522.8	1440	337.6	202.3	386.1	60- 70	910.5	6044	94.5,94.5
80	94.43	50.97	0	49.87	143.9	43.19	0	42.56	70- 80	331.1	6375	99.7,99.7
90	3.336	0	0	0	3.550	0	0	0	80- 90	19.36	6394	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-10-14

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.938m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

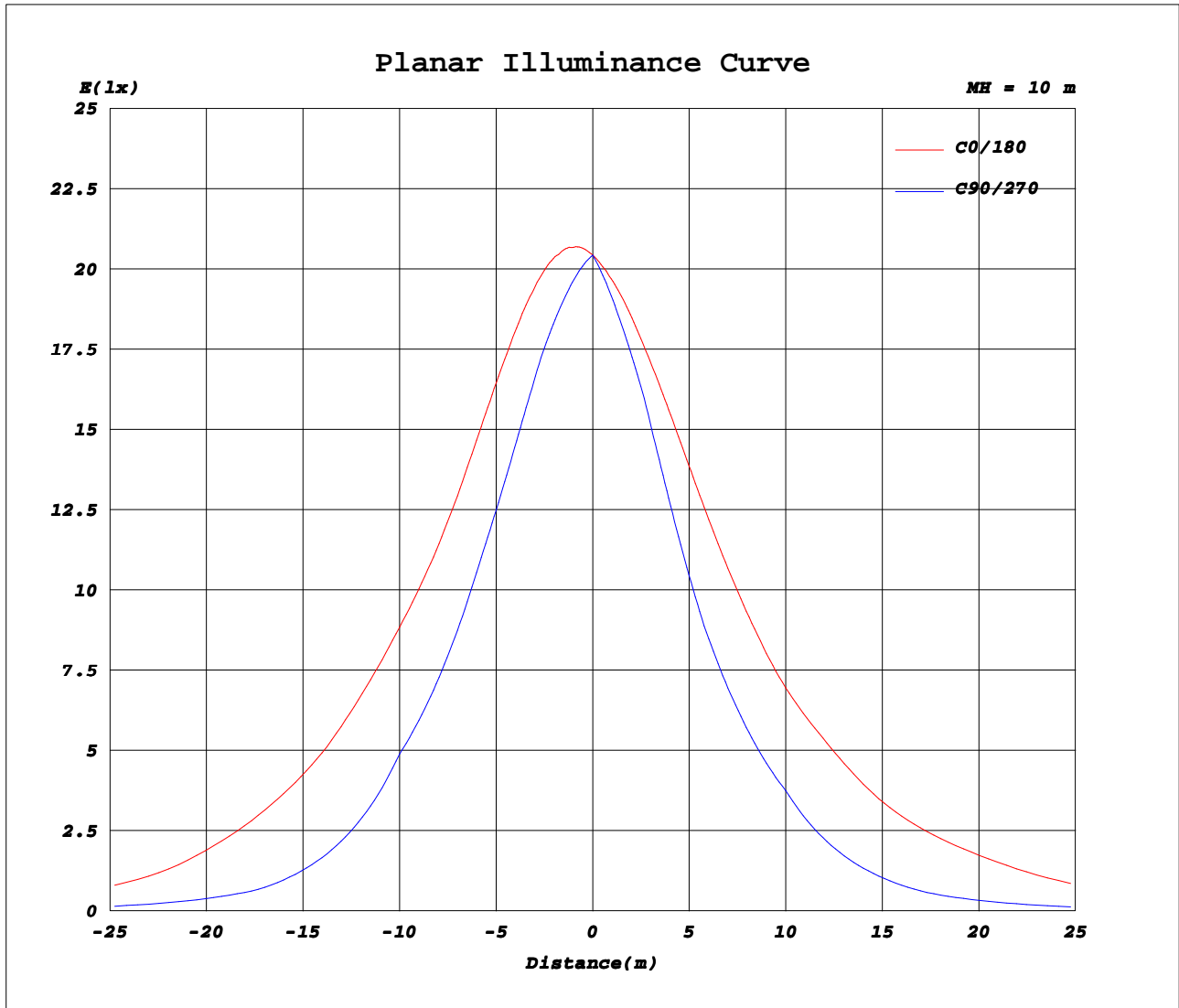
Test:U:120.06V I:0.3355A P:40.192W PF:0.9977 Freq:59.98Hz Lamp Flux:6394.08x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:40W	DIM.: 520*90mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



H( $\beta$ ) Range: -90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Jessie  
Test Date: 2024-10-14

V(B) Range: -75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65%  
Test Distance: 6.938m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



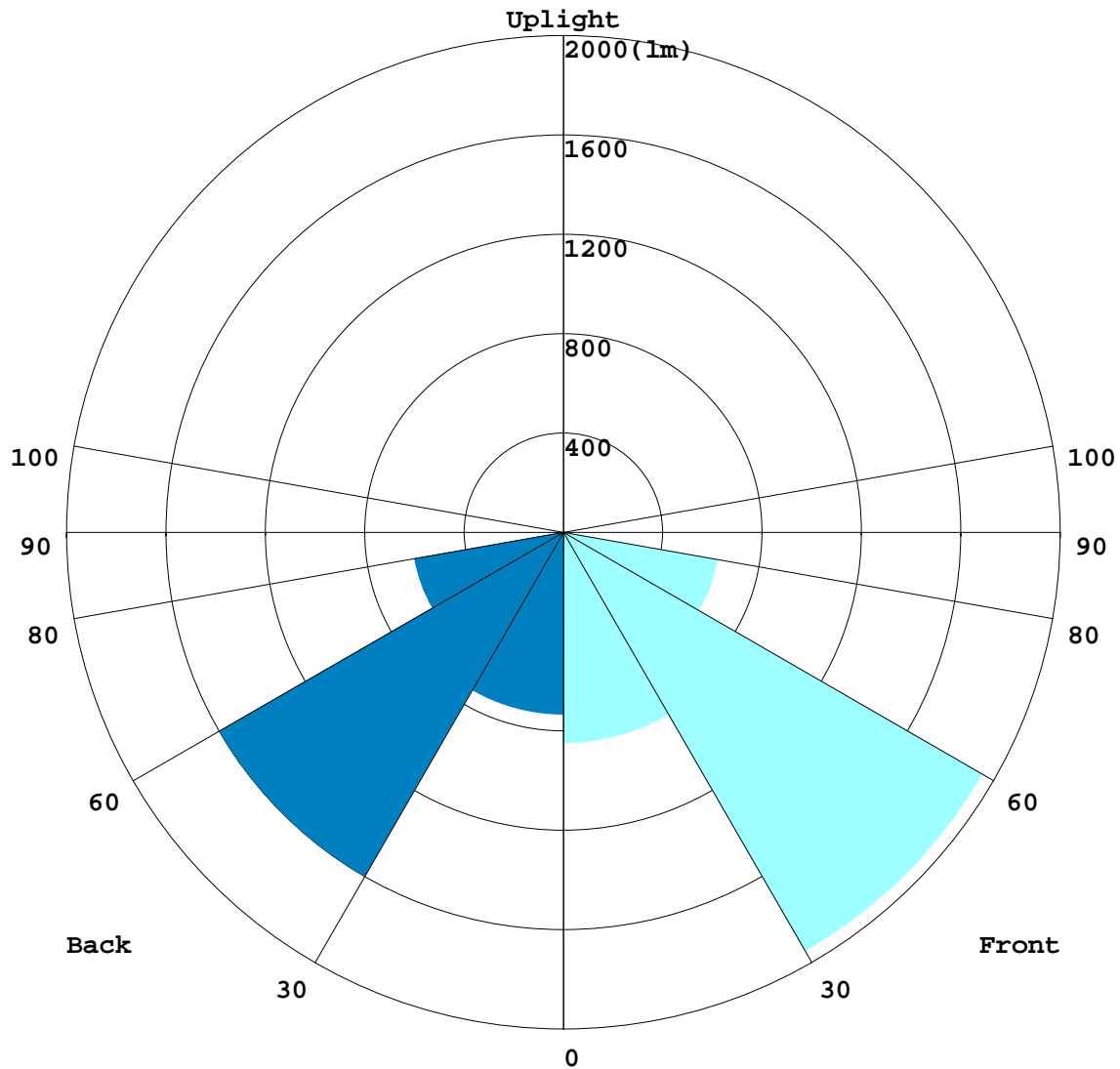
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-10-14

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.938m [K=1.0000]  
Remarks:

## LCS REPORT

Test:U:120.06V I:0.3355A P:40.192W PF:0.9977 Freq:59.98Hz Lamp Flux:6394.08x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:40W	DIM.: 520*90mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

## LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



$H(\beta)$  Range:-90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-10-14

$V(B)$  Range:-75 - 75DEG  
 $V(B)$  Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.938m [K=1.0000]  
Remarks:

## BUG REPORT

Test:U:120.06V I:0.3355A P:40.192W PF:0.9977 Freq:59.98Hz Lamp Flux:6394.08x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:40W	DIM.: 520*90mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	848.81	13.3
FM - Front-Medium(30-60)	1948.7	30.5
FH - Front-High(60-80)	630.99	9.9
FVH - Front-Very High(80-90)	8.4816	0.1
Total Forward Light	3436.9	53.8

BL - Back-Low(0-30)	735.11	11.5
BM - Back-Medium(30-60)	1600.6	25.0
BH - Back-High(60-80)	610.59	9.5
BVH - Back-Very High(80-90)	10.878	0.2
Total Back Light	2957.1	46.2

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2957.1	0	2957.1
Street Side	3436.9	0	3436.9

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-10-14**

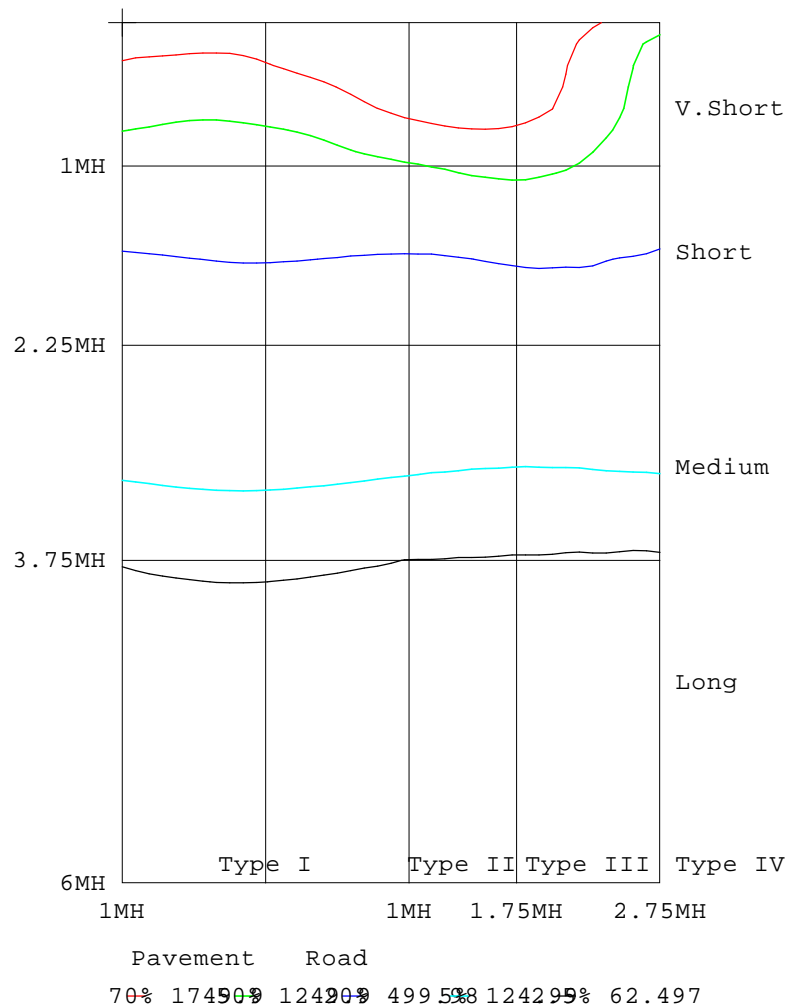
**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.938m [K=1.0000]**  
**Remarks:**



## ROAD ISOCANDELA REPORT

Test:U:120.06V I:0.3355A P:40.192W PF:0.9977 Freq:59.98Hz Lamp Flux:6394.08x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:40W	DIM.: 520*90mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

## ROAD SURFACE ISOCANDELA DIAGRAM



**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-10-14**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.938m [K=1.0000]**  
**Remarks:**

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	2043	2043	2043	2043	2043	2043	2043	2043	2043	2043
2.5	2069	2067	2064	2062	2059	2057	2054	2051	2048	2045
5.0	2093	2089	2085	2080	2075	2069	2064	2059	2053	2047
7.5	2120	2113	2106	2099	2091	2083	2073	2064	2055	2047
10.0	2141	2133	2124	2115	2105	2094	2083	2072	2061	2049
12.5	2171	2160	2148	2135	2121	2108	2093	2077	2063	2048
15.0	2196	2182	2168	2152	2136	2119	2102	2084	2067	2048
17.5	2220	2204	2186	2168	2150	2130	2110	2089	2069	2048
20.0	2244	2225	2205	2185	2163	2141	2117	2093	2070	2046
22.5	2265	2244	2222	2199	2174	2149	2123	2097	2071	2033
25.0	2286	2263	2238	2211	2184	2157	2130	2100	2057	2016
27.5	2305	2279	2252	2223	2193	2164	2132	2089	2042	1995
30.0	2324	2294	2263	2232	2199	2168	2127	2077	2026	1975
32.5	2338	2306	2272	2238	2203	2168	2119	2067	2011	1955
35.0	2354	2319	2282	2244	2206	2164	2113	2058	2000	1937
37.5	2379	2340	2297	2254	2210	2162	2110	2053	1989	1923
40.0	2410	2367	2319	2269	2218	2168	2111	2051	1984	1905
42.5	2452	2404	2350	2292	2235	2178	2118	2052	1973	1870
45.0	2500	2442	2381	2317	2257	2194	2129	2058	1937	1829
47.5	2537	2471	2402	2335	2276	2212	2142	2025	1894	1782
50.0	2558	2482	2408	2341	2283	2225	2136	1978	1845	1731
52.5	2546	2462	2384	2331	2278	2222	2085	1923	1786	1672
55.0	2513	2417	2335	2300	2259	2184	2017	1856	1717	1596
57.5	2472	2365	2279	2263	2234	2103	1942	1783	1632	1423
60.0	2389	2270	2202	2213	2189	2005	1854	1699	1458	1244
62.5	2217	2109	2061	2103	2041	1877	1755	1520	1277	1062
65.0	1919	1811	1834	1913	1818	1708	1561	1315	1088	876.4
67.5	1600	1489	1535	1618	1542	1468	1296	1088	886.7	686.7
70.0	1205	1133	1221	1267	1241	1151	1014	840.5	683.0	560.8
72.5	752.9	727.2	865.1	897.6	901.3	833.4	719.3	611.8	537.8	435.8
75.0	375.2	390.1	500.3	544.6	572.3	516.3	480.3	452.8	386.8	303.6
77.5	182.4	183.8	231.7	272.4	283.4	294.2	326.3	296.0	233.3	164.8
80.0	94.43	95.16	99.87	123.0	123.3	179.0	184.4	141.4	78.25	50.97
82.5	51.75	52.78	59.68	62.54	74.44	85.93	57.24	37.56	20.20	6.959
85.0	25.87	31.33	35.74	38.57	35.25	17.56	0	0	0	0
87.5	5.218	15.02	16.59	0	0	0	0	0	0	0
90.0	3.336	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	2043	2043	2043	2043	2043	2043	2043	2043	2043	2043
2.5	2042	2039	2036	2033	2031	2028	2026	2024	2022	2020
5.0	2042	2036	2030	2024	2018	2013	2008	2004	2000	1996
7.5	2038	2030	2022	2014	2006	1998	1990	1984	1978	1973
10.0	2037	2024	2013	2003	1993	1983	1973	1963	1956	1949
12.5	2035	2021	2005	1991	1979	1967	1955	1943	1935	1926
15.0	2030	2014	1998	1981	1963	1951	1937	1923	1913	1902
17.5	2028	2007	1985	1963	1941	1921	1905	1889	1877	1866
20.0	2019	1989	1961	1935	1912	1888	1871	1854	1840	1829
22.5	1998	1965	1935	1906	1880	1857	1836	1819	1804	1792
25.0	1975	1940	1907	1876	1848	1824	1801	1783	1768	1756
27.5	1952	1912	1877	1845	1816	1790	1766	1747	1732	1719
30.0	1927	1883	1846	1812	1782	1754	1730	1711	1696	1683
32.5	1901	1854	1812	1778	1743	1709	1683	1661	1644	1632
35.0	1878	1823	1774	1733	1695	1661	1633	1609	1592	1580
37.5	1853	1786	1732	1687	1647	1612	1583	1558	1540	1528
40.0	1818	1747	1688	1641	1600	1563	1532	1506	1488	1477
42.5	1781	1706	1644	1594	1552	1513	1480	1454	1436	1426
45.0	1738	1662	1599	1548	1504	1463	1429	1402	1385	1375
47.5	1691	1615	1552	1499	1424	1353	1299	1263	1244	1240
50.0	1638	1562	1462	1353	1268	1201	1152	1120	1104	1101
52.5	1578	1424	1295	1190	1109	1047	1003	975.8	963.4	962.7
55.0	1407	1250	1124	1024	948.0	892.2	854.4	831.8	823.0	824.1
57.5	1231	1071	948.8	854.0	784.7	735.7	704.6	687.5	682.6	685.5
60.0	1050	887.9	769.3	681.2	619.3	577.5	553.9	542.9	542.2	547.0
62.5	866.6	703.0	586.9	510.7	487.3	472.3	465.5	463.2	464.6	466.9
65.0	680.7	529.1	467.1	431.9	409.2	394.9	388.3	386.1	387.1	389.1
67.5	544.1	444.7	385.2	352.4	330.8	317.4	311.1	308.9	309.6	311.3
70.0	444.9	356.4	302.0	272.1	252.3	239.9	233.9	231.8	232.1	233.5
72.5	338.6	264.4	217.7	191.4	173.7	162.2	156.7	154.6	154.5	155.7
75.0	226.2	169.0	132.3	110.3	94.87	84.48	79.49	77.48	77.02	77.89
77.5	108.4	70.29	57.04	49.58	44.18	40.50	39.06	38.58	38.51	38.79
80.0	38.39	28.08	19.74	13.35	8.460	4.772	2.195	0.5669	0	0.5700
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0

H( $\beta$ ) Range:-90 - 90DEGH( $\beta$ ) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-10-14

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.938m [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	2043	2043	2043	2043	2043	2043	2043	2043	2043	2043
2.5	2018	2017	2015	2014	2013	2013	2012	2012	2012	2012
5.0	1993	1990	1987	1985	1983	1982	1982	1982	1983	1984
7.5	1968	1963	1960	1958	1956	1955	1954	1954	1955	1957
10.0	1943	1938	1934	1931	1929	1927	1928	1930	1932	1934
12.5	1918	1913	1908	1905	1902	1903	1904	1906	1908	1912
15.0	1895	1888	1883	1879	1879	1879	1880	1882	1886	1891
17.5	1859	1853	1849	1851	1853	1855	1857	1861	1865	1873
20.0	1821	1816	1813	1814	1817	1824	1831	1842	1848	1855
22.5	1783	1778	1776	1778	1782	1789	1802	1815	1830	1842
25.0	1746	1741	1740	1742	1749	1759	1770	1787	1806	1828
27.5	1710	1705	1704	1707	1715	1726	1741	1760	1782	1806
30.0	1674	1668	1669	1673	1681	1694	1712	1734	1758	1785
32.5	1625	1622	1628	1639	1649	1664	1684	1708	1736	1766
35.0	1574	1573	1580	1592	1611	1633	1657	1684	1715	1748
37.5	1524	1525	1533	1546	1567	1594	1627	1662	1696	1732
40.0	1473	1476	1486	1501	1524	1554	1591	1636	1678	1718
42.5	1423	1427	1438	1457	1482	1513	1552	1602	1658	1702
45.0	1373	1379	1391	1413	1439	1472	1513	1563	1623	1690
47.5	1250	1277	1320	1370	1396	1430	1473	1525	1586	1660
50.0	1113	1140	1182	1242	1318	1386	1430	1484	1547	1628
52.5	975.0	1002	1042	1101	1175	1270	1386	1441	1504	1589
55.0	837.1	863.8	902.1	958.0	1030	1125	1243	1384	1457	1544
57.5	699.2	724.9	760.9	813.2	883.6	977.0	1095	1237	1396	1490
60.0	561.3	585.5	618.7	667.1	734.7	826.8	943.7	1087	1252	1428
62.5	473.9	485.0	500.3	522.8	584.1	673.8	790.4	936.5	1107	1297
65.0	395.3	405.0	419.7	441.1	475.2	526.8	634.6	785.1	962.1	1160
67.5	316.5	325.0	338.6	358.9	391.3	438.9	513.1	633.8	816.4	1014
70.0	237.7	244.9	257.5	276.4	306.3	349.6	417.9	522.8	671.5	858.5
72.5	158.7	164.8	176.1	193.4	220.1	258.2	318.0	409.1	539.8	693.2
75.0	79.74	84.66	94.68	110.0	133.0	164.8	213.1	287.2	396.7	523.3
77.5	39.10	40.32	43.44	48.52	56.54	69.26	104.0	157.8	242.1	344.7
80.0	2.197	4.751	8.317	13.08	19.56	27.74	37.77	49.87	79.80	159.8
82.5	0	0	0	0	0	0	0	6.814	20.50	38.57
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	2043	2043	2043	2043	2043	2043	2043	2043	2043	2043
2.5	2012	2013	2014	2015	2017	2018	2020	2016	2013	2009
5.0	1985	1986	1988	1991	1994	1997	2000	1993	1986	1979
7.5	1960	1963	1967	1971	1975	1980	1985	1974	1963	1953
10.0	1938	1942	1947	1952	1958	1964	1971	1956	1942	1929
12.5	1916	1922	1928	1935	1942	1950	1958	1940	1923	1906
15.0	1895	1904	1912	1921	1930	1939	1949	1928	1907	1887
17.5	1881	1889	1898	1909	1920	1932	1944	1919	1895	1871
20.0	1865	1878	1889	1901	1913	1926	1939	1912	1885	1858
22.5	1853	1866	1880	1894	1908	1924	1939	1908	1877	1846
25.0	1842	1856	1871	1886	1903	1921	1938	1903	1869	1835
27.5	1829	1847	1864	1881	1900	1918	1937	1899	1862	1825
30.0	1815	1838	1856	1877	1897	1918	1938	1897	1856	1815
32.5	1797	1831	1852	1874	1895	1917	1939	1894	1849	1805
35.0	1783	1819	1847	1871	1895	1919	1944	1894	1845	1797
37.5	1770	1806	1841	1868	1894	1921	1949	1893	1838	1784
40.0	1756	1795	1832	1861	1892	1923	1955	1893	1831	1773
42.5	1745	1785	1824	1857	1890	1924	1957	1891	1826	1762
45.0	1737	1783	1822	1858	1895	1933	1968	1898	1824	1753
47.5	1738	1787	1830	1870	1915	1959	1997	1917	1835	1753
50.0	1732	1799	1844	1888	1935	1984	2031	1939	1847	1751
52.5	1701	1809	1849	1891	1934	1982	2037	1934	1836	1739
55.0	1658	1783	1837	1871	1903	1954	2015	1901	1799	1707
57.5	1606	1729	1813	1867	1925	1990	2068	1868	1758	1664
60.0	1550	1675	1787	1827	1848	1902	1981	1841	1721	1633
62.5	1497	1624	1736	1823	1821	1875	1966	1809	1683	1604
65.0	1396	1565	1670	1790	1760	1793	1888	1719	1619	1539
67.5	1236	1475	1553	1621	1599	1594	1694	1529	1470	1408
70.0	1044	1231	1356	1383	1364	1339	1440	1284	1252	1204
72.5	823.0	964.0	1077	1075	1047	980.4	1045	939.1	975.9	938.0
75.0	600.6	674.0	741.0	727.4	665.8	603.5	626.1	597.2	656.5	641.8
77.5	411.7	428.8	409.5	414.5	341.9	305.5	291.7	306.8	348.6	376.0

H( $\beta$ ) Range:-90 - 90DEGH( $\beta$ ) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-10-14

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.938m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	231.6	256.8	194.7	188.9	151.1	145.4	143.9	156.3	155.1	174.2
82.5	63.64	114.4	105.6	81.80	76.77	70.36	69.96	75.42	78.49	71.86
85.0	0	20.29	38.63	44.81	39.86	35.44	33.29	37.98	39.78	40.79
87.5	0	0	0	0	17.47	17.02	7.264	13.28	16.82	0
90.0	0	0	0	0	0	0	3.550	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	2043	2043	2043	2043	2043	2043	2043	2043	2043	2043
2.5	2006	2003	2001	1999	1997	1995	1994	1994	1993	1993
5.0	1973	1967	1962	1957	1953	1949	1946	1944	1943	1943
7.5	1943	1934	1926	1918	1911	1906	1901	1898	1896	1894
10.0	1916	1904	1893	1883	1874	1865	1858	1853	1849	1847
12.5	1890	1875	1861	1848	1836	1826	1818	1810	1805	1801
15.0	1868	1849	1831	1816	1801	1789	1777	1768	1761	1756
17.5	1848	1826	1806	1786	1768	1752	1739	1728	1716	1704
20.0	1832	1807	1782	1759	1738	1719	1696	1675	1656	1642
22.5	1816	1788	1761	1735	1710	1675	1644	1617	1597	1580
25.0	1802	1770	1739	1711	1666	1626	1591	1561	1537	1519
27.5	1788	1753	1719	1670	1621	1577	1537	1505	1477	1457
30.0	1775	1736	1688	1630	1575	1527	1484	1446	1418	1395
32.5	1763	1721	1652	1589	1530	1476	1430	1390	1358	1333
35.0	1749	1690	1618	1549	1484	1425	1374	1332	1304	1286
37.5	1736	1661	1584	1510	1439	1375	1322	1287	1258	1238
40.0	1711	1631	1553	1473	1395	1329	1280	1242	1213	1190
42.5	1686	1605	1521	1438	1356	1289	1237	1197	1166	1142
45.0	1669	1581	1493	1404	1318	1248	1193	1151	1119	1094
47.5	1657	1565	1468	1365	1275	1203	1146	1104	1072	1047
50.0	1651	1551	1443	1321	1227	1153	1097	1055	1004	951.6
52.5	1639	1538	1399	1269	1171	1099	1044	963.0	898.1	848.3
55.0	1609	1502	1343	1209	1110	1033	933.0	852.6	790.5	743.7
57.5	1570	1433	1280	1141	1036	915.3	816.8	740.2	681.3	637.9
60.0	1525	1360	1206	1064	914.8	793.8	696.6	623.8	569.7	530.3
62.5	1462	1285	1128	950.6	793.4	669.1	573.2	504.4	455.8	423.5
65.0	1380	1210	1021	830.3	669.2	542.5	447.3	389.8	371.3	357.7
67.5	1256	1112	883.4	701.3	542.2	413.3	353.5	324.7	306.1	292.1
70.0	1087	920.5	728.4	566.0	421.8	337.6	287.6	259.2	240.7	226.6
72.5	858.6	707.0	550.3	435.8	340.7	266.2	220.7	193.4	175.3	161.3
75.0	588.3	473.9	388.7	331.7	253.5	191.1	152.4	127.4	109.7	95.91
77.5	323.3	290.6	271.6	222.2	159.6	112.0	82.67	61.14	51.39	45.37
80.0	152.2	180.1	156.6	109.9	61.09	43.19	33.88	24.88	17.77	12.21
82.5	86.48	84.26	47.69	30.73	16.34	5.877	0	0	0	0
85.0	33.63	16.05	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	2043	2043	2043	2043	2043	2043	2043	2043	2043	2043
2.5	1994	1994	1995	1996	1998	2000	2003	2006	2009	2012
5.0	1944	1945	1947	1950	1953	1957	1962	1968	1974	1981
7.5	1894	1896	1899	1903	1907	1914	1921	1930	1939	1949
10.0	1847	1848	1851	1856	1862	1870	1880	1891	1903	1917
12.5	1800	1801	1804	1810	1817	1827	1839	1852	1867	1884
15.0	1754	1754	1757	1764	1771	1783	1797	1812	1831	1853
17.5	1696	1692	1692	1696	1704	1717	1733	1754	1780	1810
20.0	1632	1626	1625	1629	1637	1650	1667	1690	1718	1751
22.5	1569	1561	1559	1562	1570	1583	1600	1624	1654	1690
25.0	1505	1496	1493	1496	1503	1516	1532	1557	1588	1626
27.5	1442	1432	1427	1429	1435	1448	1464	1489	1520	1560
30.0	1379	1369	1362	1363	1368	1379	1396	1419	1451	1491
32.5	1322	1314	1309	1312	1317	1328	1342	1362	1388	1420
35.0	1272	1263	1259	1261	1266	1277	1292	1312	1340	1374
37.5	1223	1213	1209	1209	1215	1226	1241	1263	1292	1328
40.0	1174	1164	1158	1164	1175	1190	1213	1243	1281	1328
42.5	1125	1115	1108	1107	1112	1124	1139	1162	1193	1232
45.0	1077	1065	1058	1056	1061	1073	1088	1111	1142	1183
47.5	1013	985.6	968.0	960.0	961.7	973.2	994.1	1027	1075	1131
50.0	912.8	886.6	869.7	861.7	862.2	871.2	890.2	920.2	964.1	1024
52.5	811.9	787.1	771.4	763.5	762.7	769.0	785.6	811.9	851.0	906.6
55.0	710.1	687.4	673.0	665.3	663.2	666.6	680.3	702.2	735.7	785.9
57.5	607.4	587.3	574.5	567.2	563.7	564.2	574.5	591.1	618.5	662.0
60.0	503.8	486.9	475.8	469.0	464.2	461.6	468.1	478.9	499.5	535.4
62.5	414.5	408.9	404.9	402.0	398.7	395.3	396.7	397.7	401.1	409.7
65.0	348.5	342.7	338.9	336.2	333.2	330.3	331.5	333.0	337.0	346.7
67.5	282.6	276.6	272.9	270.4	267.8	265.4	266.4	268.4	273.3	283.5
70.0	216.8	210.5	206.9	204.6	202.3	200.4	201.3	204.0	209.7	220.3

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-10-14

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.938m [K=1.0000]

Remarks:

Photometric Data Table [cd]

72.5	151.1	144.5	140.9	138.8	136.8	135.5	136.4	139.6	146.3	157.0
75.0	85.55	78.52	75.01	72.96	71.31	70.51	71.44	75.38	83.12	93.70
77.5	41.12	38.35	37.19	36.42	35.66	35.17	35.31	36.73	40.03	44.53
80.0	7.871	4.518	2.089	0.5352	0	0.5166	1.984	4.330	7.664	11.99
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	2043	2043	2043	2043	2043	2043	2043	2043	2043	2043
2.5	2016	2020	2024	2029	2033	2038	2042	2047	2051	2056
5.0	1989	1997	2005	2013	2022	2031	2040	2049	2059	2068
7.5	1960	1972	1984	1997	2010	2024	2038	2053	2067	2081
10.0	1931	1947	1964	1982	2000	2019	2038	2056	2074	2091
12.5	1903	1924	1945	1968	1990	2012	2037	2061	2084	2106
15.0	1875	1900	1926	1953	1981	2009	2038	2066	2094	2120
17.5	1845	1877	1909	1940	1973	2006	2038	2070	2102	2132
20.0	1790	1834	1883	1928	1964	2001	2038	2074	2110	2145
22.5	1732	1781	1835	1894	1956	1997	2038	2079	2117	2156
25.0	1672	1724	1783	1849	1920	1993	2037	2081	2124	2166
27.5	1608	1665	1730	1803	1881	1962	2036	2083	2129	2175
30.0	1542	1603	1676	1758	1845	1933	2016	2083	2132	2182
32.5	1474	1542	1623	1716	1813	1905	1995	2079	2133	2186
35.0	1419	1481	1575	1679	1784	1883	1976	2064	2136	2192
37.5	1376	1442	1533	1647	1759	1864	1962	2053	2138	2199
40.0	1332	1404	1500	1617	1739	1849	1950	2046	2137	2211
42.5	1286	1360	1458	1576	1715	1836	1943	2044	2140	2228
45.0	1236	1310	1406	1525	1666	1825	1940	2045	2146	2244
47.5	1182	1253	1344	1462	1605	1775	1936	2043	2148	2248
50.0	1103	1187	1274	1389	1533	1710	1908	2035	2139	2240
52.5	981.0	1076	1193	1307	1453	1635	1837	2018	2117	2215
55.0	854.8	945.3	1062	1210	1364	1551	1760	1963	2082	2173
57.5	725.4	810.9	926.8	1076	1263	1466	1675	1871	2044	2123
60.0	592.3	672.5	787.4	935.7	1127	1375	1578	1767	1975	2054
62.5	456.1	530.9	642.4	790.0	979.3	1220	1468	1627	1819	1946
65.0	365.0	396.5	494.6	637.1	815.9	1035	1282	1451	1606	1741
67.5	301.3	332.6	389.0	476.7	633.7	822.3	1032	1222	1326	1420
70.0	237.3	266.8	318.1	386.1	450.3	590.1	765.6	920.5	1011	1075
72.5	173.0	199.5	243.2	300.7	355.7	391.9	490.4	626.1	705.4	729.4
75.0	108.4	130.5	165.2	211.5	257.4	291.1	289.8	342.9	434.7	418.1
77.5	50.71	59.89	84.61	119.7	159.0	192.5	198.8	173.0	211.9	229.7
80.0	17.52	24.21	32.54	42.56	61.05	97.24	117.6	111.5	98.21	114.8
82.5	0	0	0	5.807	16.41	29.59	45.46	60.21	61.51	58.51
85.0	0	0	0	0	0	0	0	13.70	28.19	33.46
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	2043	2043								
2.5	2060	2065								
5.0	2076	2085								
7.5	2094	2107								
10.0	2108	2125								
12.5	2129	2150								
15.0	2146	2171								
17.5	2162	2191								
20.0	2179	2212								
22.5	2194	2230								
25.0	2207	2247								
27.5	2220	2263								
30.0	2230	2278								
32.5	2238	2289								
35.0	2248	2302								
37.5	2262	2322								
40.0	2279	2347								
42.5	2306	2382								
45.0	2332	2416								
47.5	2345	2441								
50.0	2341	2448								
52.5	2313	2425								
55.0	2262	2381								
57.5	2202	2327								
60.0	2115	2223								
62.5	1954	2054								

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-10-14

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.938m [K=1.0000]

Remarks:

## Photometric Data Table [cd]

65.0	1711	1756
67.5	1401	1432
70.0	1084	1069
72.5	724.3	668.0
75.0	409.0	362.5
77.5	219.5	193.3
80.0	109.6	106.7
82.5	60.51	57.08
85.0	31.93	28.40
87.5	13.65	9.188
90.0	0	0

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-10-14**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.938m [K=1.0000]**  
**Remarks:**