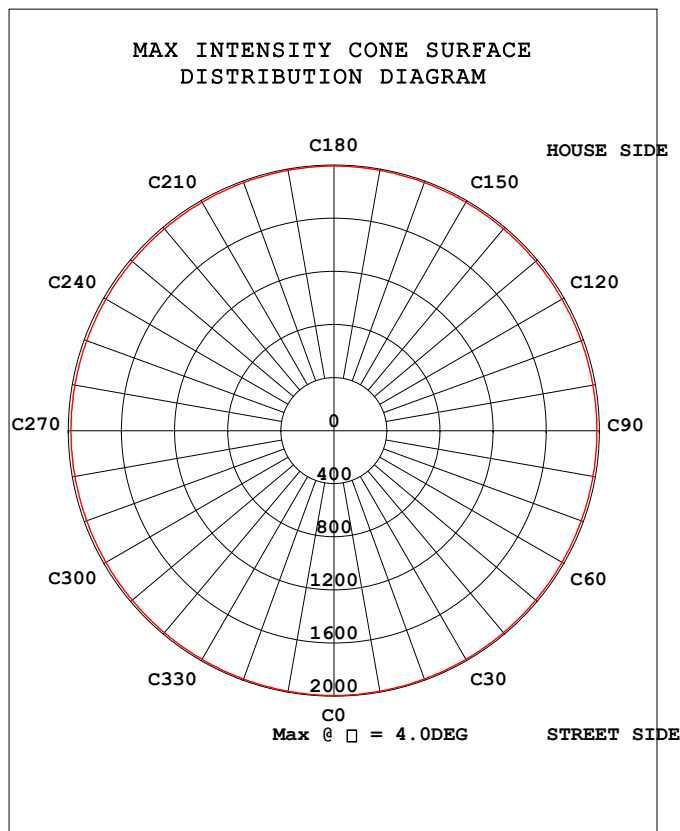
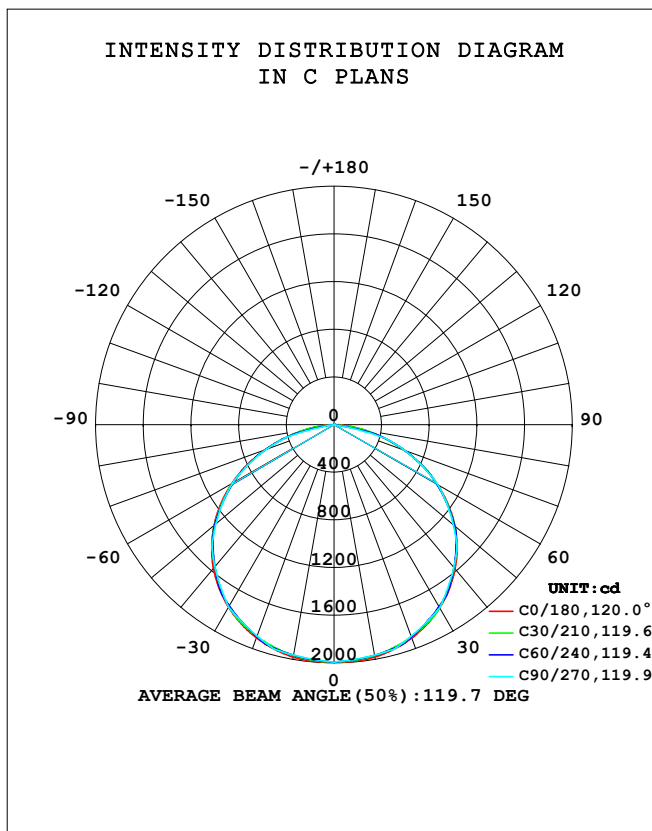


STREETLIGHT PHOTOMETRIC TEST REPORT

NAME: solar flat light	TYPE: Street	WEIGHT: 11.7KG
DIM.: 1042mm*384mm*229mm	SPEC.: /	SERIAL No.: 03
MFR.: BLUE CARBON TECHNOLOGY INC.	SUR.: 195mm*70mm	PROTECTION ANGLE: /

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	BCT-OLF-80W	Imax (cd)	1995	□ street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.9	□ street_down (%)	51.8
RATED VOLTAGE (V)	3.2	TOTAL FLUX (lm)	6053	□ house_up (%)	0.0
NOMINAL FLUX (lm)	6000	MAXIMUM @ (C, □)	0, 4.0	□ house_down (%)	49.1
LAMPS INSIDE	1	□ up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	3.2	□ down (%)	100.9	SLI	



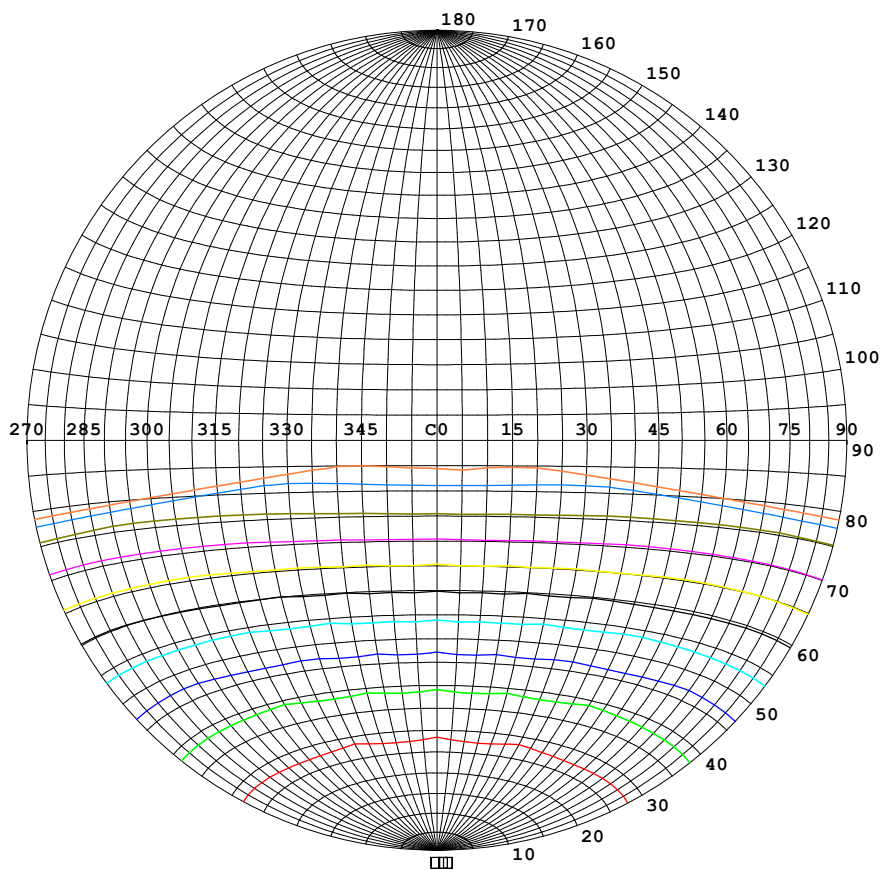
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: corry david
Test Date: 2022-07-27

□ Range: 0 - 90DEG
□ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.259
Humidity: 65.0%
Test Distance: 9.300m [K=1.0000]
Remarks:

Note: SLI: Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

NAME: solar flat light	TYPE: Street	WEIGHT: 11.7KG
DIM.: 1042mm*384mm*229mm	SPEC.: /	SERIAL No.: 03
MFR.: BLUE CARBON TECHNOLOGY INC.	SUR.: 195mm*70mm	PROTECTION ANGLE: /



Classification:

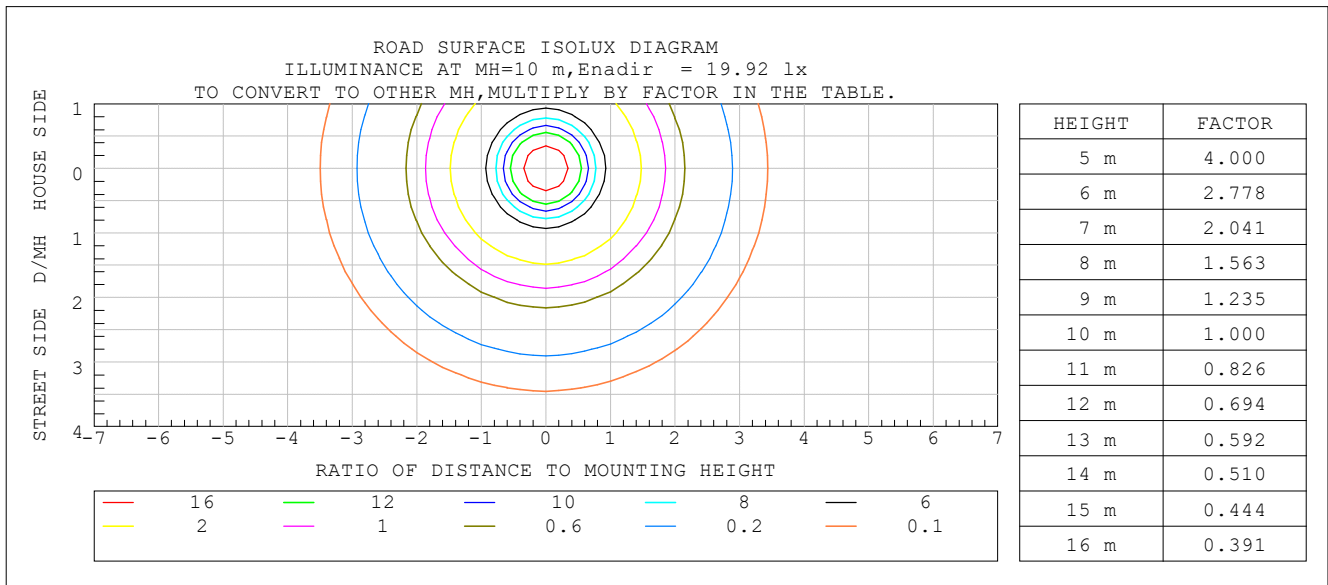
IES: Type II - Very Short
CIE: Narrow - Short
IES: Cut-off
CIE: Semi-cut-off
Max. At 80: 42.93cd/klm
Max. At 90: 0.7454cd/klm
Max. 80-90: 42.93cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	1995
90%	1795
80%	1596
70%	1396
60%	1197
50%	997
40%	798
30%	598
20%	399
10%	199
5%	100

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: corry david
Test Date: 2022-07-27

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.259
Humidity: 65.0%
Test Distance: 9.300m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: corry david
Test Date: 2022-07-27

□ Range: 0 - 90DEG
□ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.259
Humidity: 65.0%
Test Distance: 9.300m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

NAME: solar flat light	TYPE: Street	WEIGHT: 11.7KG
DIM.: 1042mm*384mm*229mm	SPEC.: /	SERIAL No.: 03
MFR.: BLUE CARBON TECHNOLOGY INC.	SUR.: 195mm*70mm	PROTECTION ANGLE: /

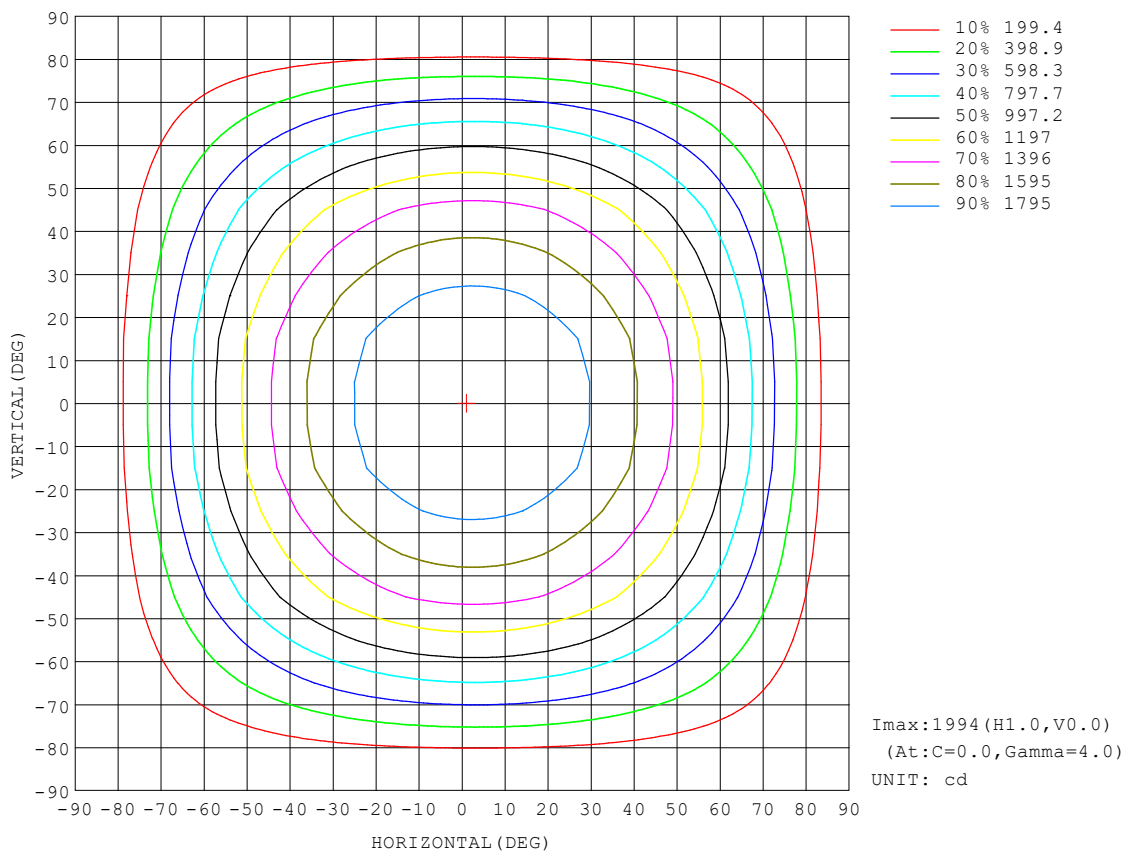
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
5	1994	1983	1978	1982	1993	1983	1978	1983	0- 5	47.50	47.50	0.78, 0.79
10	1980	1965	1963	1965	1980	1966	1964	1965	5- 10	141.3	188.8	3.12, 3.15
15	1949	1937	1949	1938	1950	1939	1950	1938	10- 15	231.9	420.7	6.95, 7.01
20	1904	1901	1889	1903	1906	1905	1891	1902	15- 20	316.3	737.0	12.2, 12.3
25	1845	1833	1828	1835	1848	1838	1832	1835	20- 25	391.1	1128	18.6, 18.8
30	1770	1753	1768	1756	1775	1760	1773	1756	25- 30	455.1	1583	26.2, 26.4
35	1680	1668	1662	1670	1686	1676	1669	1671	30- 35	506.1	2089	34.5, 34.8
40	1575	1571	1556	1573	1581	1581	1565	1575	35- 40	540.2	2630	43.4, 43.8
45	1453	1438	1449	1440	1461	1450	1460	1444	40- 45	557.9	3187	52.7, 53.1
50	1315	1300	1295	1303	1324	1315	1308	1308	45- 50	557.5	3745	61.9, 62.4
55	1161	1158	1140	1162	1171	1175	1156	1168	50- 55	535.8	4281	70.7, 71.3
60	991.4	978.8	985.1	979.3	1003	995.5	1004	990.0	55- 60	495.7	4776	78.9, 79.6
65	808.4	800.4	793.4	797.4	819.6	816.4	816.6	813.1	60- 65	437.3	5214	86.1, 86.9
70	614.3	614.7	601.6	609.2	626.5	631.0	629.4	629.9	65- 70	361.0	5575	92.1, 92.9
75	416.0	421.4	409.9	414.9	429.5	439.2	442.1	440.3	70- 75	272.4	5847	96.6, 97.5
80	234.4	207.6	0	201.6	245.6	222.7	0	225.1	75- 80	159.9	6007	99.2, 100
85	84.29	0	0	0	94.24	0	0	0	80- 85	42.10	6049	99.9, 101
90	3.258	0	0	0	4.473	0	0	0	85- 90	3.892	6053	100, 101
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		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: corry david
Test Date: 2022-07-27

□ Range: 0 - 90DEG
□ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.259
Humidity: 65.0%
Test Distance: 9.300m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

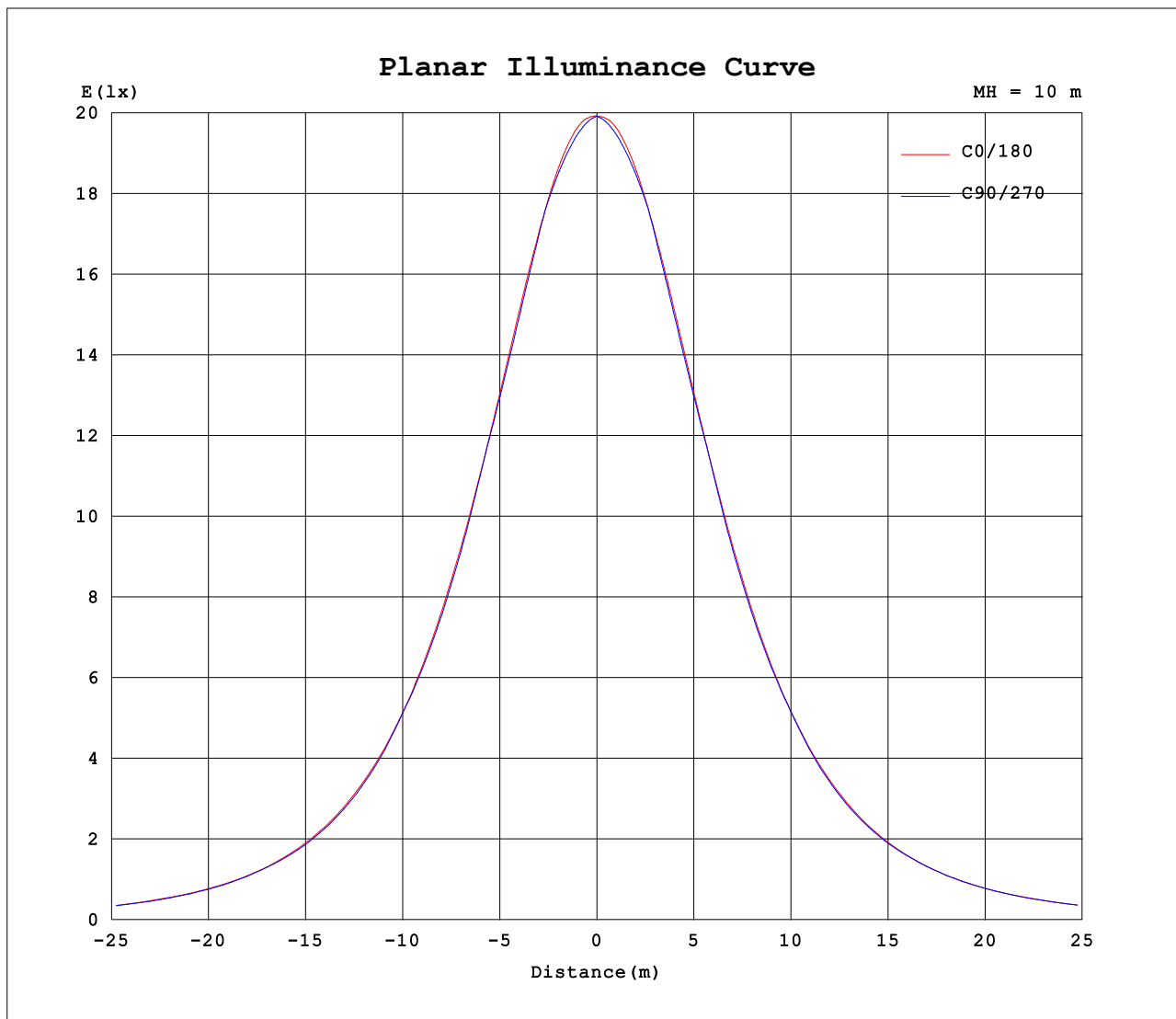
NAME: solar flat light	TYPE: Street	WEIGHT: 11.7KG
DIM.: 1042mm*384mm*229mm	SPEC.: /	SERIAL No.: 03
MFR.: BLUE CARBON TECHNOLOGY INC.	SUR.: 195mm*70mm	PROTECTION ANGLE: /



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: corry david
Test Date: 2022-07-27

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.259
Humidity: 65.0%
Test Distance: 9.300m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: corry david
Test Date: 2022-07-27

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V1.0.259
Humidity: 65.0%
Test Distance: 9.300m [K=1.0000]
Remarks:

NAME: solar flat light	TYPE:Street	WEIGHT:11.7KG
DIM.: 1042mm*384mm*229mm	SPEC.: /	SERIAL No.:03
MFR.: BLUE CARBON TECHNOLOGY INC.	SUR.:195mm*70mm	PROTECTION ANGLE: /

UNIT: cd

[illegible]

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.259
 Humidity:65.0%
 Test Distance:9.300m [K=1.0000]
 Remarks:

NAME: solar flat light	TYPE:Street	WEIGHT:11.7KG
DIM.: 1042mm*384mm*229mm	SPEC.: /	SERIAL No.:03
MFR.: BLUE CARBON TECHNOLOGY INC.	SUR.:195mm*70mm	PROTECTION ANGLE: /

UNIT: cd

[illegible]

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.259
 Humidity:65.0%
 Test Distance:9.300m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: solar flat light	TYPE:Street	WEIGHT:11.7KG
DIM.: 1042mm*384mm*229mm	SPEC.:/	SERIAL No.:03
MFR.: BLUE CARBON TECHNOLOGY INC.	SUR.:195mm*70mm	PROTECTION ANGLE:/

Table--3

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:corry david
Test Date:2022-07-27

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.259
 Humidity:65.0%
 Test Distance:9.300m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: solar flat light	TYPE:Street	WEIGHT:11.7KG
DIM.: 1042mm*384mm*229mm	SPEC.:/	SERIAL No.:03
MFR.: BLUE CARBON TECHNOLOGY INC.	SUR.:195mm*70mm	PROTECTION ANGLE:/

Table--4

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:corry david
Test Date:2022-07-27

☐ Range: 0 - 90DEG
☐ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V1.0.259
 Humidity:65.0%
 Test Distance:9.300m [K=1.0000]
 Remarks: