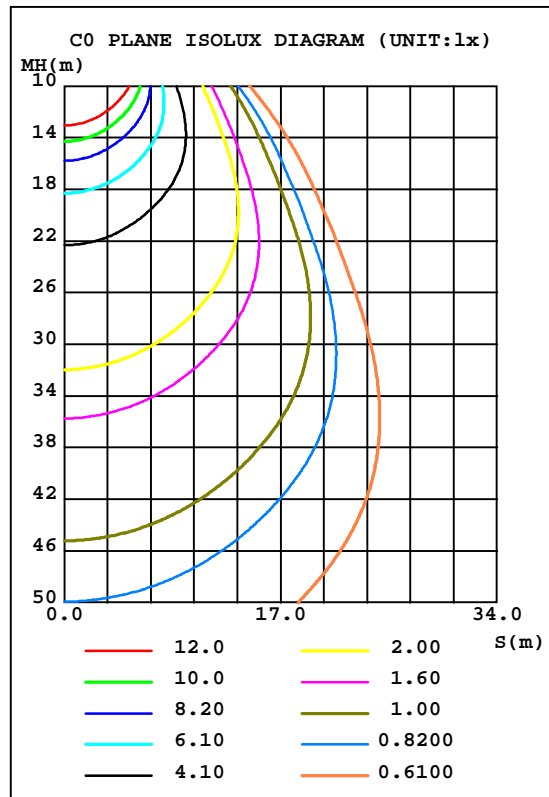
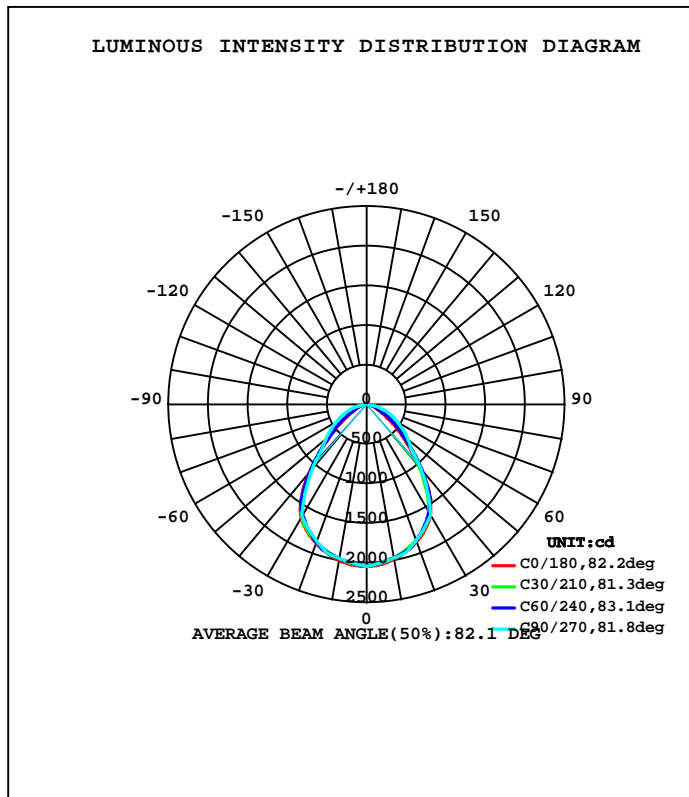


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.14 lm/W			
MODEL	IL-P595K3NU(S)	I _{max} (cd)	2046	S/MH(C0/180)	1.19
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3823.2	h UP, DN(C0-180)	0.0, 50.1
NOMINAL FLUX(lm)	3823.18	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 49.9
LAMPS INSIDE	1	h up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	230	h down(%)	100.0	CIBSE SHR MAX	1.15



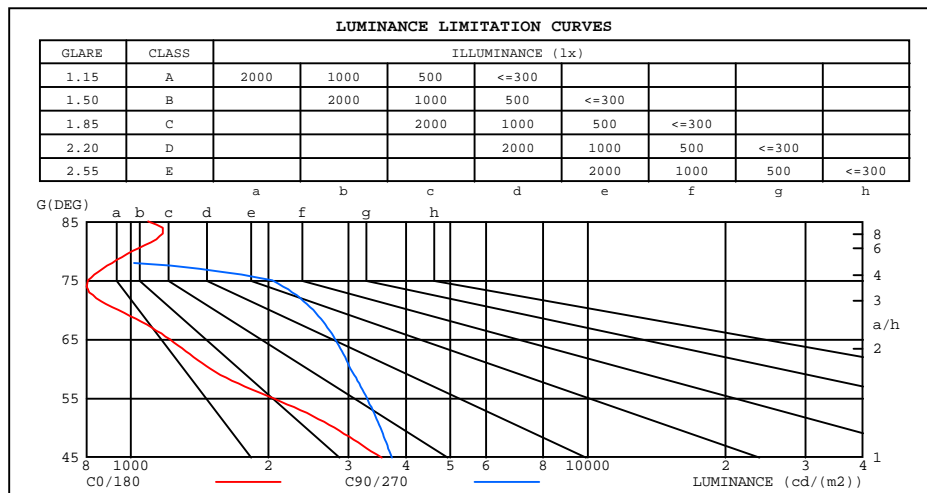
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-06-03

deg Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

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	2030	2011	2008	2015	2036	2017	2011	2012	0- 5	48.46	48.46	1.27,1.27
10	1990	1965	1971	1974	2002	1977	1976	1968	5- 10	142.7	191.2	5,5
15	1927	1909	1934	1923	1944	1926	1942	1912	10- 15	231.2	422.4	11,11
20	1847	1845	1829	1863	1868	1866	1840	1848	15- 20	310.5	732.8	19.2,19.2
25	1749	1715	1724	1739	1776	1745	1739	1720	20- 25	375.2	1108	29,29
30	1612	1542	1619	1574	1655	1582	1638	1549	25- 30	422.2	1530	40,40
35	1391	1325	1345	1364	1442	1376	1357	1332	30- 35	438.7	1969	51.5,51.5
40	1070	1063	1071	1106	1132	1114	1077	1068	35- 40	409.2	2378	62.2,62.2
45	758.7	811.0	797.2	842.6	802.6	835.2	796.0	804.9	40- 45	348.4	2726	71.3,71.3
50	543.3	622.2	684.1	641.1	571.3	620.9	673.2	604.9	45- 50	285.3	3012	78.8,78.8
55	355.7	479.5	571.0	492.5	377.7	463.6	550.4	453.8	50- 55	235.7	3247	84.9,84.9
60	226.0	358.5	457.8	365.7	233.9	347.3	427.7	338.7	55- 60	187.5	3435	89.8,89.8
65	155.8	253.5	358.6	253.3	163.8	246.5	335.7	241.6	60- 65	142.1	3577	93.6,93.6
70	96.99	181.4	259.3	179.9	106.3	180.0	243.8	178.2	65- 70	106.1	3683	96.3,96.3
75	63.16	137.5	160.1	137.5	70.37	140.3	151.9	138.7	70- 75	76.38	3760	98.3,98.3
80	53.16	79.31	0	79.29	56.09	82.77	0	80.31	75- 80	46.37	3806	99.5,99.5
85	28.75	0	0	0	34.87	0	0	0	80- 85	15.59	3821	100,100
90	0.1815	0	0	0	0.5277	0	0	0	85- 90	1.704	3823	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	1090	0
80	1012	0
75	807	2045
70	937	2507
65	1219	2805
60	1494	3027
55	2050	3291
50	2794	3518
45	3547	3727

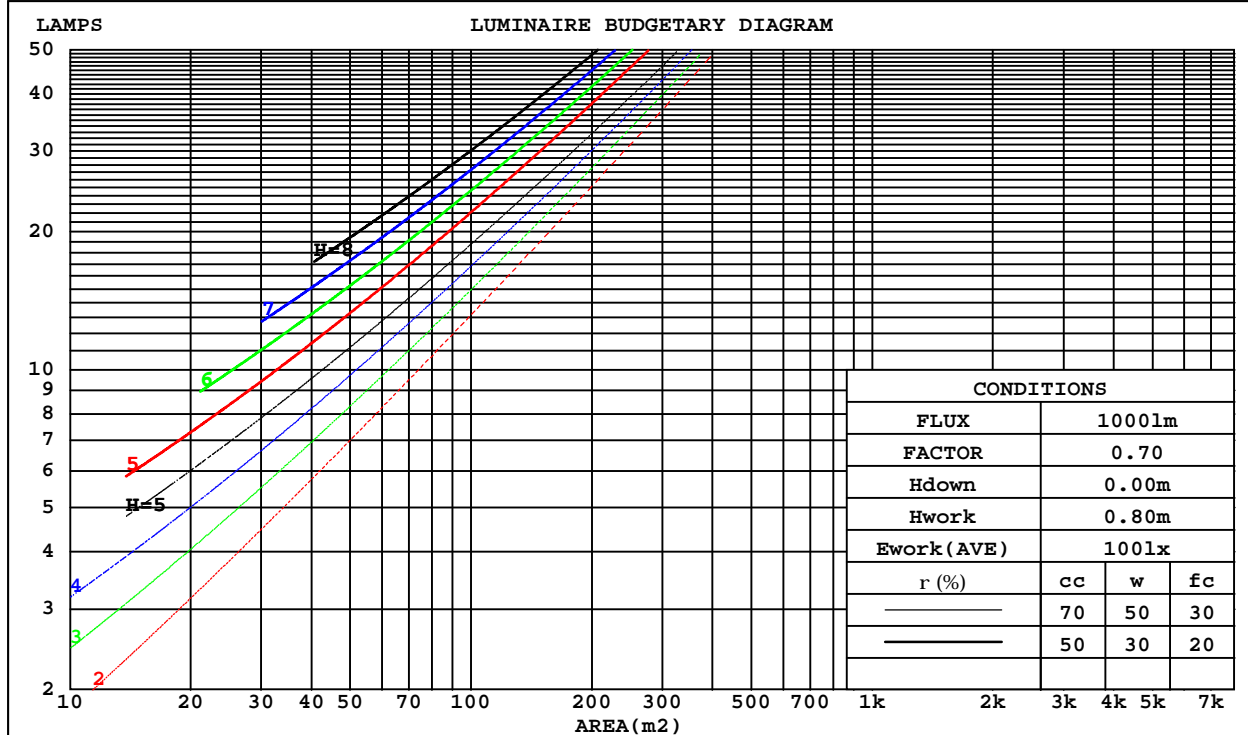
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-03

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:13.533m [K=1.0000]
Remarks: IL-P595K3NU(S)

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	PROTECTION ANGLE:

rcc	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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.96	.90	.85	.94	.89	.84	.91	.86	.83	.87	.84	.81	.85	.82	.79	.77
3.0	.86	.79	.74	.85	.78	.73	.82	.76	.72	.79	.75	.71	.77	.73	.70	.68
4.0	.78	.70	.64	.77	.70	.64	.74	.68	.63	.72	.67	.62	.70	.65	.62	.60
5.0	.71	.63	.57	.70	.62	.57	.68	.61	.56	.66	.60	.56	.64	.59	.55	.53
6.0	.65	.57	.51	.64	.56	.51	.62	.55	.50	.60	.54	.50	.59	.54	.50	.48
7.0	.59	.51	.46	.58	.51	.46	.57	.50	.45	.56	.50	.45	.54	.49	.45	.43
8.0	.55	.47	.42	.54	.47	.41	.53	.46	.41	.51	.45	.41	.50	.45	.41	.39
9.0	.50	.43	.38	.50	.43	.38	.49	.42	.38	.48	.42	.38	.47	.41	.37	.36
10.0	.47	.40	.35	.46	.39	.35	.45	.39	.35	.45	.39	.34	.44	.38	.34	.33



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-06-03

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

WEC AND CCEC

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	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	.248	.141	.045	.242	.138	.044	.229	.131	.042	.217	.125	.040	.206	.119	.038	
2.0	.240	.131	.040	.234	.129	.040	.223	.124	.038	.212	.119	.037	.203	.115	.036	
3.0	.227	.121	.036	.221	.119	.036	.211	.115	.035	.202	.111	.034	.194	.107	.033	
4.0	.213	.111	.033	.208	.109	.032	.200	.106	.032	.192	.103	.031	.184	.100	.030	
5.0	.200	.102	.029	.196	.100	.029	.188	.098	.029	.181	.095	.028	.174	.093	.028	
6.0	.188	.094	.027	.184	.093	.027	.177	.091	.026	.171	.089	.026	.165	.087	.026	
7.0	.177	.087	.025	.173	.086	.025	.167	.085	.024	.162	.083	.024	.156	.081	.024	
8.0	.167	.081	.023	.164	.081	.023	.158	.079	.023	.153	.078	.022	.148	.076	.022	
9.0	.158	.076	.021	.155	.076	.021	.150	.074	.021	.146	.073	.021	.141	.072	.021	
10.0	.149	.072	.020	.147	.071	.020	.143	.070	.020	.138	.069	.020	.134	.068	.019	

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	.176	.157	.139	.151	.134	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.156	.114	.080	.134	.098	.070	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.148	.100	.064	.127	.087	.055	.087	.060	.039	.050	.035	.023	.016	.012	.008	
5.0	.140	.089	.052	.121	.077	.045	.083	.054	.032	.048	.032	.019	.016	.010	.006	
6.0	.133	.081	.043	.115	.070	.037	.079	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.127	.074	.036	.109	.064	.032	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.121	.068	.031	.104	.059	.027	.072	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.116	.063	.027	.100	.054	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.110	.059	.024	.095	.051	.021	.066	.036	.015	.039	.021	.009	.012	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-06-03

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

UGR(Unified Glare Rating) Table

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm										
NAME: IL-P595K3NU(S)					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:550*550			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	15.3	16.6	15.6	16.8	17.0	15.7	17.0	16.0	17.2	17.4
3H	15.7	16.9	16.0	17.2	17.4	16.7	17.9	17.0	18.1	18.4
4H	15.9	17.0	16.2	17.3	17.5	17.1	18.3	17.5	18.5	18.8
6H	16.0	17.1	16.3	17.3	17.6	17.2	18.3	17.5	18.5	18.8
8H	16.1	17.1	16.4	17.4	17.7	17.1	18.2	17.5	18.4	18.7
12H	16.1	17.1	16.5	17.4	17.7	17.1	18.1	17.4	18.4	18.6
4H 2H	15.7	16.8	16.0	17.1	17.3	15.9	17.1	16.2	17.3	17.6
3H	16.5	17.5	16.9	17.8	18.1	17.0	18.0	17.3	18.3	18.6
4H	16.9	17.8	17.2	18.1	18.4	17.4	18.3	17.8	18.7	19.0
6H	17.2	18.0	17.6	18.3	18.7	17.5	18.3	17.9	18.6	19.0
8H	17.3	18.1	17.7	18.4	18.8	17.4	18.2	17.8	18.5	18.9
12H	17.4	18.1	17.8	18.5	18.9	17.4	18.1	17.8	18.5	18.8
8H 4H	17.1	17.8	17.5	18.2	18.5	17.6	18.3	18.0	18.7	19.0
6H	17.6	18.2	18.0	18.6	19.0	17.6	18.2	18.1	18.6	19.1
8H	17.9	18.4	18.3	18.8	19.3	17.6	18.1	18.1	18.6	19.0
12H	18.1	18.5	18.5	19.0	19.4	17.6	18.0	18.0	18.5	18.9
12H 4H	17.0	17.7	17.4	18.1	18.5	17.6	18.3	18.0	18.6	19.0
6H	17.6	18.1	18.0	18.5	19.0	17.7	18.2	18.1	18.6	19.1
8H	17.9	18.3	18.3	18.8	19.2	17.6	18.1	18.1	18.5	19.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.7					+ 0.6 / - 0.6				
2.0H	+ 0.7 / - 1.8					+ 1.2 / - 2.2				

CIE Pub.117 Corrected 3823 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.7)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-06-03

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

UTILIZATION FACTORS TABLE

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	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	68	58	52	67	58	52	66	57	52	47
0.80	78	68	62	77	68	62	75	67	61	56
1.00	85	76	70	84	76	70	82	76	69	63
1.25	91	83	77	90	82	77	88	81	76	70
1.50	95	88	82	94	87	82	91	85	81	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	98	93	102	96	92	98	94	90	83
3.00	106	101	97	104	100	96	101	97	94	86
4.00	110	105	102	107	103	100	103	100	97	89
5.00	111	108	105	109	106	103	105	102	100	91
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:2020-06-03

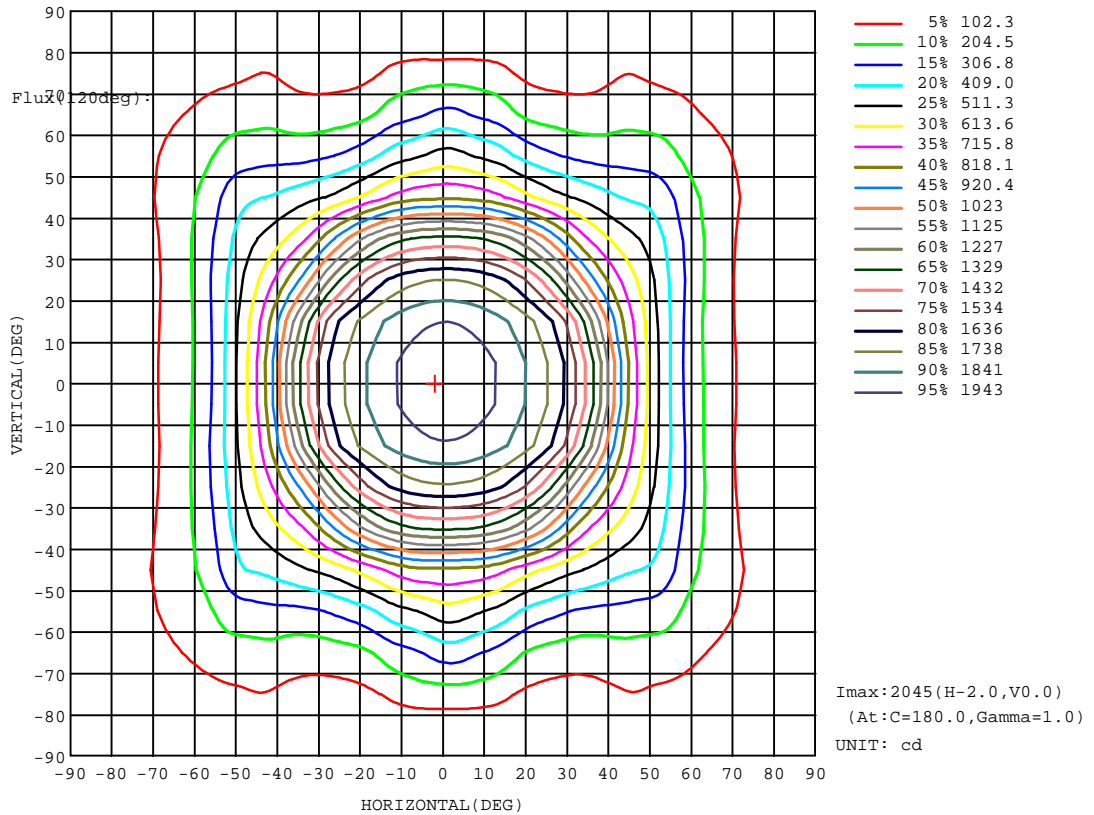
g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

ISOCANDELA DIAGRAM

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	PROTECTION ANGLE:

Conical surface Flux(90deg):
2726.4 lm
%lum = 71.3%
%lamp = 71.3%

Conical surface Flux(20deg):
3434.9 lm
%lum = 89.8%
%lamp = 89.8%



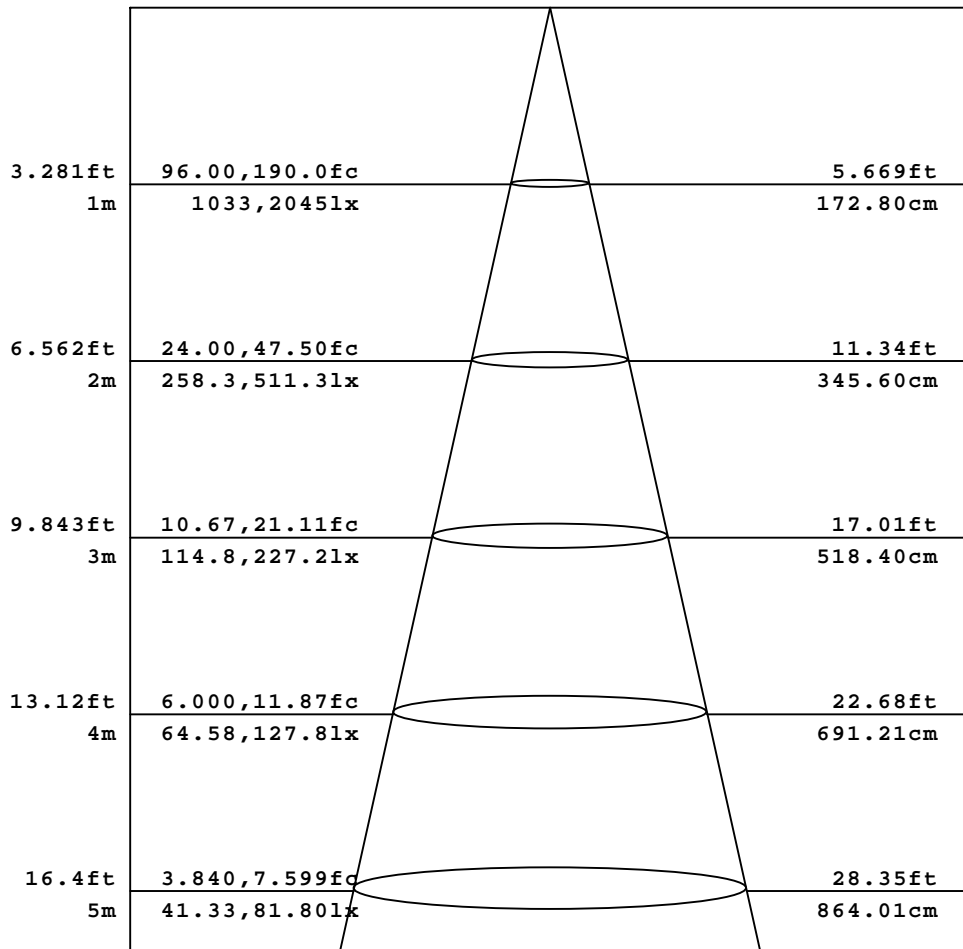
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-03

Range: 0 - 90DEG
Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:13.533m [K=1.0000]
Remarks: IL-P595K3NU(S)

AAI Figure

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	PROTECTION ANGLE:

Flux out:2453 lm



Height Eavg, Emax Angle:81.65deg Diameter

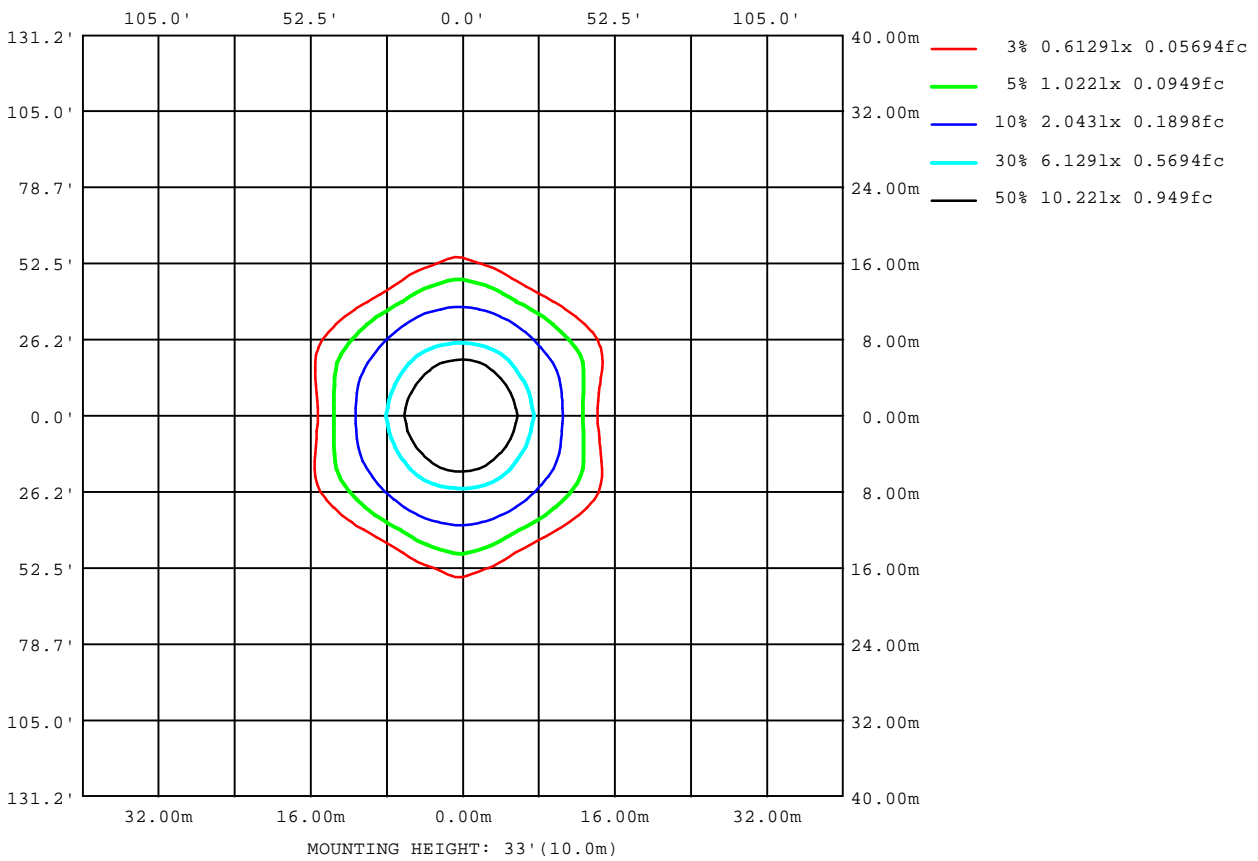
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2020-06-03

Angle Range: 0 - 90DEG
Angle Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity:65.0%
Test Distance:13.533m [K=1.0000]
Remarks: IL-P595K3NU(S)

ISOLUX DIAGRAM

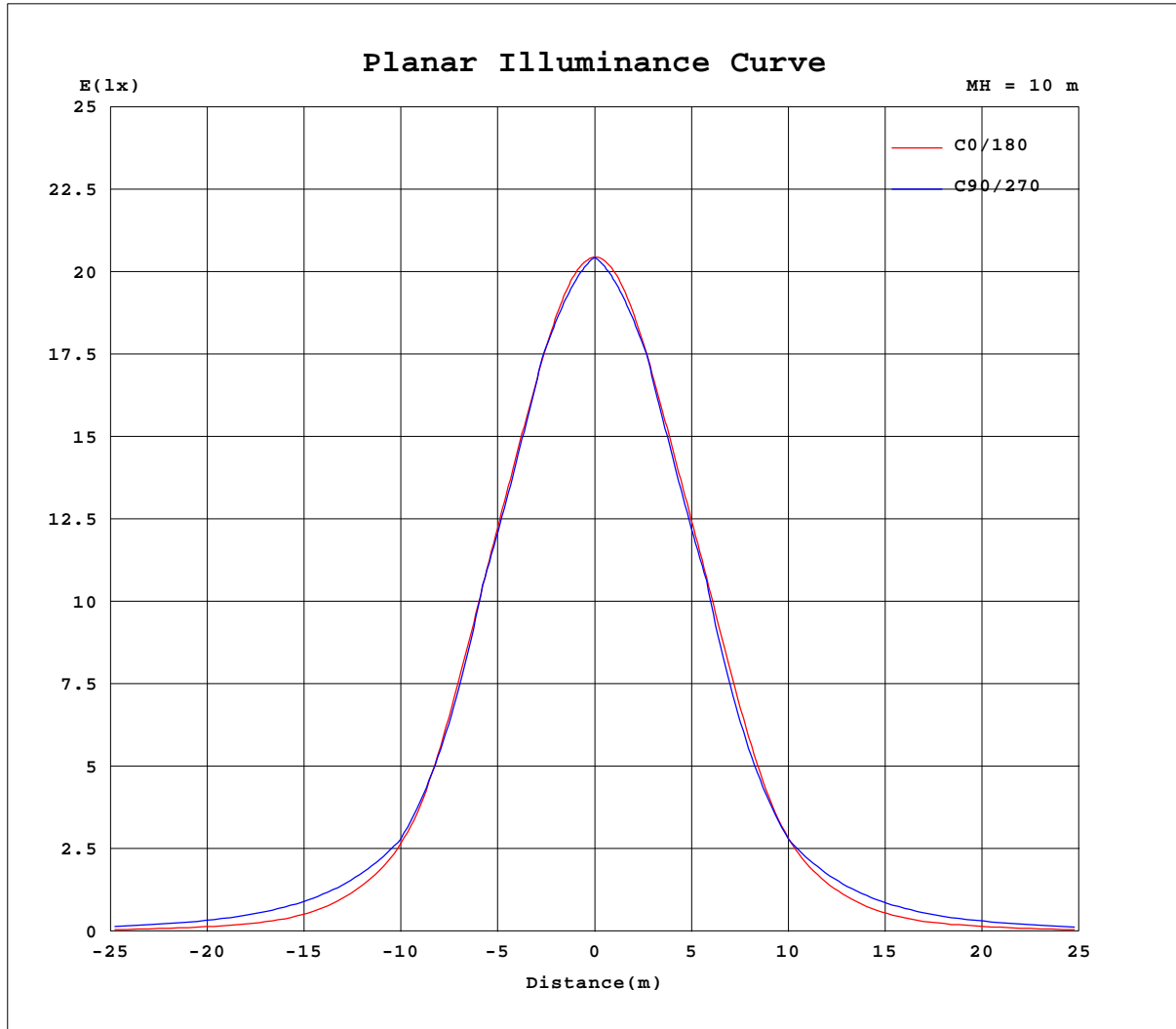
Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-06-03

Log Range: 0 - 90DEG
 Log Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-06-03

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEC) g (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
5	2030	2027	2024	2021	2019	2017	2015	2013	2012	2011	2010	2009	2008	2008	2008	2008	2008	2008	2008
10	1990	1984	1979	1975	1972	1969	1967	1966	1965	1965	1965	1966	1967	1967	1968	1969	1970	1970	1971
15	1927	1919	1913	1908	1905	1904	1904	1905	1907	1909	1913	1916	1919	1923	1926	1929	1931	1933	1934
20	1847	1836	1829	1824	1822	1823	1826	1831	1837	1845	1844	1837	1833	1830	1829	1828	1828	1828	1829
25	1749	1733	1722	1716	1716	1721	1730	1742	1725	1715	1709	1709	1710	1713	1716	1719	1721	1723	1724
30	1612	1585	1567	1560	1564	1578	1574	1553	1543	1542	1549	1560	1574	1587	1599	1607	1614	1617	1619
35	1391	1353	1332	1328	1340	1338	1316	1305	1309	1325	1352	1386	1387	1379	1370	1361	1353	1346	1345
40	1070	1038	1027	1033	1048	1044	1035	1029	1037	1063	1087	1098	1098	1095	1091	1087	1080	1072	1071
45	759	748	753	771	787	801	803	790	795	811	823	829	823	813	812	813	808	798	797
50	543	547	566	592	617	641	650	638	628	622	612	593	585	593	616	644	662	674	684
55	356	371	404	442	487	523	526	513	497	480	459	443	439	443	465	501	525	552	571
60	226	240	270	312	364	408	432	416	386	359	330	309	299	296	316	358	388	427	458
65	156	158	180	220	256	303	341	321	287	254	210	183	188	197	221	269	304	337	359
70	97.0	97.8	119	154	187	207	233	227	193	181	154	136	133	138	155	193	227	248	259
75	63.2	68.7	87.2	119	133	139	150	157	145	137	114	92.3	81.7	81.9	92.4	120	150	161	160
80	53.2	60.0	73.0	87.2	91.4	89.8	93.1	93.5	91.2	79.3	50.7	30.3	18.9	13.4	10.1	7.65	4.41	1.20	0.00
85	28.7	25.4	36.4	43.2	42.7	20.3	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	0.18	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:2020-06-03

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
5	2008	2009	2009	2010	2011	2011	2012	2014	2015	2017	2018	2020	2022	2025	2027	2030	2033	2036	2033
10	1972	1972	1972	1972	1973	1973	1973	1973	1974	1975	1976	1978	1980	1983	1987	1991	1996	2002	1997
15	1934	1934	1934	1933	1931	1929	1927	1925	1923	1921	1920	1920	1920	1922	1925	1930	1936	1944	1936
20	1830	1832	1835	1838	1842	1847	1853	1861	1863	1857	1852	1848	1845	1844	1846	1851	1858	1868	1858
25	1726	1727	1728	1728	1728	1728	1730	1732	1739	1752	1771	1761	1753	1749	1749	1753	1762	1776	1763
30	1620	1621	1619	1615	1608	1599	1588	1578	1574	1579	1595	1622	1628	1613	1607	1612	1629	1655	1632
35	1350	1362	1376	1389	1404	1415	1418	1387	1364	1354	1355	1367	1390	1394	1382	1386	1406	1442	1408
40	1077	1091	1104	1111	1119	1124	1126	1121	1106	1083	1074	1080	1094	1111	1101	1092	1102	1132	1105
45	804	821	829	832	834	843	850	850	843	828	816	832	840	837	828	804	793	803	795
50	675	666	653	632	608	598	603	625	641	646	653	661	660	641	618	590	572	571	572
55	547	519	503	476	452	446	449	466	492	512	526	536	534	501	459	423	392	378	388
60	417	371	354	321	300	303	313	335	366	398	428	444	424	376	326	287	253	234	246
65	329	293	268	226	198	192	185	209	253	295	330	358	318	266	227	189	168	164	166
70	244	221	196	159	140	136	137	149	180	199	230	247	219	196	161	126	108	106	108
75	161	151	125	96.6	83.4	83.2	91.5	109	137	149	162	161	151	143	128	92.9	75.8	70.4	73.3
80	1.20	4.45	8.03	10.6	13.7	19.2	29.7	48.1	79.3	96.0	98.1	98.9	97.9	97.8	91.5	75.4	60.6	56.1	59.7
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	21.6	46.9	47.9	40.3	29.1	34.9	39.8
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	0.53	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2020-06-03

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
5	2030	2028	2025	2023	2021	2020	2018	2017	2016	2015	2014	2013	2012	2012	2012	2011	2011	2010	2010
10	1992	1988	1984	1982	1980	1978	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1976	1976	1975
15	1930	1926	1923	1922	1922	1922	1924	1926	1929	1931	1934	1937	1939	1941	1942	1942	1942	1941	1938
20	1851	1847	1846	1846	1849	1854	1859	1866	1865	1858	1854	1850	1848	1845	1843	1842	1840	1839	1838
25	1755	1751	1752	1756	1764	1774	1756	1745	1740	1739	1739	1741	1742	1742	1742	1740	1739	1738	1735
30	1619	1617	1624	1639	1630	1601	1586	1582	1588	1600	1613	1624	1633	1638	1640	1639	1638	1636	1632
35	1391	1390	1406	1406	1382	1367	1364	1376	1401	1434	1429	1417	1402	1386	1372	1361	1357	1358	1364
40	1099	1110	1120	1098	1082	1078	1089	1114	1127	1131	1128	1122	1115	1103	1090	1079	1077	1077	1082
45	807	834	838	836	824	807	820	835	841	840	834	826	825	818	809	797	796	796	800
50	591	618	635	645	640	633	626	621	604	578	577	594	621	641	654	665	673	660	646
55	418	455	495	523	518	503	486	464	443	427	427	439	466	493	508	534	550	527	503
60	277	326	378	414	428	409	377	347	319	299	288	288	313	345	361	401	428	392	360
65	185	230	272	315	344	320	286	246	203	179	182	188	218	262	285	316	336	310	285
70	122	158	198	221	242	229	199	180	148	132	129	131	153	195	217	234	244	231	216
75	86.5	121	141	150	159	159	149	140	108	87.5	78.6	77.1	91.3	128	149	152	152	154	148
80	75.1	91.6	97.9	95.8	95.8	92.4	93.6	82.8	48.7	28.1	18.0	12.5	9.92	8.23	4.40	1.13	0.00	1.14	4.35
85	47.4	49.2	46.5	21.1	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:2020-06-03

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.1378A P:30.31W PF:0.9560 Lamp Flux:3823.18x1 lm		
NAME: IL-P595K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:550*550	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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045				
5	2010	2010	2010	2010	2011	2011	2012	2013	2015	2016	2018	2019	2022	2024	2027				
10	1973	1972	1971	1970	1969	1968	1968	1967	1968	1969	1971	1973	1976	1980	1984				
15	1935	1932	1928	1924	1920	1916	1912	1909	1906	1905	1905	1906	1909	1913	1919				
20	1838	1838	1838	1840	1842	1848	1848	1840	1833	1828	1824	1823	1825	1829	1837				
25	1733	1729	1725	1720	1717	1716	1720	1729	1746	1733	1724	1719	1719	1724	1734				
30	1626	1616	1603	1588	1572	1558	1549	1549	1560	1582	1586	1572	1566	1571	1587				
35	1373	1383	1392	1399	1399	1362	1332	1316	1314	1325	1346	1346	1332	1334	1354				
40	1089	1095	1098	1100	1099	1088	1068	1042	1032	1036	1045	1054	1040	1032	1040				
45	804	805	806	812	815	814	805	790	785	795	797	788	775	756	749				
50	630	602	577	563	568	593	605	611	620	634	633	617	594	566	546				
55	482	448	425	419	423	438	454	472	492	513	524	490	441	398	368				
60	334	296	280	285	295	314	339	364	394	419	406	371	313	261	234				
65	251	205	185	180	176	200	242	278	311	328	302	262	220	176	156				
70	184	143	130	128	131	147	178	195	222	225	207	189	150	114	97.8				
75	119	84.7	76.2	78.3	88.5	111	139	144	150	142	133	129	112	81.5	67.4				
80	7.60	9.22	12.4	18.1	29.2	51.2	80.3	87.0	87.4	89.0	86.2	88.0	84.9	71.9	57.5				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.7	41.2	42.2	41.2	32.6				
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:2020-06-03

g Range: 0 - 90DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity:65.0%
 Test Distance:13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.5	2040	2039	2037	2036	2034	2033	2032	2031	2030	2029
5.0	2030	2027	2024	2021	2019	2017	2015	2013	2012	2011
7.5	2013	2008	2004	2001	1998	1995	1993	1991	1990	1989
10.0	1990	1984	1979	1975	1972	1969	1967	1966	1965	1965
12.5	1961	1954	1948	1944	1941	1938	1937	1937	1937	1939
15.0	1927	1919	1913	1908	1905	1904	1904	1905	1907	1909
17.5	1889	1880	1873	1868	1866	1865	1866	1869	1873	1878
20.0	1847	1836	1829	1824	1822	1823	1826	1831	1837	1845
22.5	1801	1788	1779	1774	1773	1775	1781	1789	1799	1787
25.0	1749	1733	1722	1716	1716	1721	1730	1742	1725	1715
27.5	1688	1667	1653	1646	1648	1657	1671	1655	1640	1633
30.0	1612	1585	1567	1560	1564	1578	1574	1553	1543	1542
32.5	1514	1480	1461	1454	1462	1480	1452	1436	1432	1439
35.0	1391	1353	1332	1328	1340	1338	1316	1305	1309	1325
37.5	1241	1203	1185	1186	1203	1189	1174	1167	1174	1199
40.0	1070	1038	1027	1033	1048	1044	1035	1029	1037	1063
42.5	896.5	876.2	875.7	890.3	904.6	911.3	910.2	900.0	904.0	928.6
45.0	758.7	747.5	753.1	771.1	786.8	800.7	802.6	790.3	795.3	811.0
47.5	642.1	639.0	651.6	674.4	693.6	711.6	718.6	709.2	704.6	709.3
50.0	543.3	546.6	565.7	592.1	617.2	641.0	649.7	637.5	628.2	622.2
52.5	447.3	456.8	483.8	516.7	550.3	581.7	584.5	572.7	559.2	546.8
55.0	355.7	371.2	403.7	442.4	486.8	523.2	525.6	513.2	496.6	479.5
57.5	280.1	296.9	333.1	372.5	424.1	464.6	475.1	460.2	439.2	417.0
60.0	226.0	239.5	269.7	311.6	363.5	408.1	431.7	415.5	385.9	358.5
62.5	188.3	194.9	219.6	261.2	305.5	354.4	393.0	368.8	335.8	304.2
65.0	155.8	157.9	179.6	220.4	255.7	302.8	340.8	321.2	287.1	253.5
67.5	125.5	125.7	146.4	183.4	216.0	254.6	285.3	273.4	238.3	205.4
70.0	96.99	97.84	118.5	154.0	187.3	206.8	233.0	226.9	193.0	181.4
72.5	75.21	77.26	97.49	132.7	160.6	169.3	187.2	187.6	169.3	159.6
75.0	63.16	68.69	87.21	119.0	133.1	138.6	150.0	157.0	144.7	137.5
77.5	58.17	66.30	81.86	102.1	110.9	112.6	119.9	125.1	118.7	114.9
80.0	53.16	59.96	73.00	87.23	91.40	89.78	93.11	93.51	91.19	79.31
82.5	45.65	44.08	54.91	68.25	69.57	68.76	66.31	45.47	27.55	10.85
85.0	28.75	25.38	36.45	43.17	42.75	20.31	0	0	0	0
87.5	5.016	10.77	13.85	0	0	0	0	0	0	0
90.0	0.1815	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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.5	2029	2028	2028	2027	2027	2027	2026	2026	2026	2027
5.0	2010	2009	2008	2008	2008	2008	2008	2008	2008	2008
7.5	1989	1988	1988	1988	1988	1989	1989	1989	1989	1990
10.0	1965	1966	1967	1967	1968	1969	1970	1970	1971	1972
12.5	1940	1942	1943	1946	1947	1949	1950	1952	1952	1953
15.0	1913	1916	1919	1923	1926	1929	1931	1933	1934	1934
17.5	1883	1889	1891	1886	1884	1882	1881	1881	1881	1883
20.0	1844	1837	1833	1830	1829	1828	1828	1828	1829	1830
22.5	1780	1775	1773	1772	1773	1774	1775	1775	1776	1778
25.0	1709	1709	1710	1713	1713	1719	1721	1723	1724	1726
27.5	1633	1637	1644	1651	1658	1663	1667	1670	1672	1673
30.0	1549	1560	1574	1587	1599	1607	1614	1617	1619	1620
32.5	1456	1477	1499	1520	1509	1499	1489	1483	1482	1487
35.0	1352	1386	1387	1379	1370	1361	1353	1346	1345	1350
37.5	1234	1242	1241	1237	1231	1225	1217	1209	1208	1213
40.0	1087	1098	1098	1095	1091	1087	1080	1072	1071	1077
42.5	949.4	959.8	958.3	953.2	951.7	950.2	944.1	935.1	934.2	940.1
45.0	823.4	828.5	822.7	813.5	811.9	812.5	808.2	798.3	797.2	803.6
47.5	710.8	705.5	692.4	676.3	690.7	715.2	729.1	734.8	740.7	738.2
50.0	612.2	592.6	585.0	592.7	615.7	643.7	661.6	674.2	684.1	675.3
52.5	526.2	512.0	511.1	517.3	540.5	572.4	593.7	613.1	627.5	611.6
55.0	459.4	442.9	438.9	442.5	465.4	500.8	525.4	551.5	571.0	547.3
57.5	393.8	375.2	368.1	368.7	390.4	429.2	456.8	489.5	514.4	482.3
60.0	330.2	308.5	299.0	296.1	315.8	357.7	388.1	427.1	457.8	416.8
62.5	268.9	242.7	230.9	226.5	256.4	307.3	343.8	381.2	408.2	372.1
65.0	210.4	182.8	187.9	196.7	221.1	268.6	304.4	336.5	358.6	328.9
67.5	173.9	158.7	160.2	167.3	187.5	230.6	265.3	292.2	308.9	286.2
70.0	154.3	136.0	133.2	138.5	154.9	193.1	226.6	248.2	259.3	244.1
72.5	134.3	113.9	107.1	110.0	123.2	156.3	188.2	204.6	209.7	202.3
75.0	113.8	92.28	81.68	81.94	92.45	120.1	150.1	161.1	160.1	161.0
77.5	92.60	70.81	54.41	49.97	53.27	65.52	78.68	81.53	80.04	81.51
80.0	50.73	30.35	18.87	13.39	10.11	7.652	4.414	1.198	0	1.198
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: 2020-06-03

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.533m [K=1.0000]
 Remarks: T3606-BMPU-WW

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	150.0
0.0	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.5	2027	2027	2028	2029	2029	2030	2031	2032	2033	2034	2034
5.0	2009	2009	2010	2011	2011	2012	2014	2015	2017	2018	2018
7.5	1990	1991	1991	1992	1993	1994	1995	1996	1997	1999	1999
10.0	1972	1972	1972	1973	1973	1973	1973	1974	1975	1976	1976
12.5	1953	1953	1953	1952	1952	1951	1950	1950	1950	1950	1950
15.0	1934	1934	1933	1931	1929	1927	1925	1923	1921	1920	1920
17.5	1885	1888	1892	1896	1902	1902	1898	1894	1890	1887	1887
20.0	1832	1835	1838	1842	1847	1853	1861	1863	1857	1852	1852
22.5	1780	1782	1783	1786	1789	1793	1799	1809	1822	1813	1813
25.0	1727	1728	1728	1728	1728	1730	1732	1739	1752	1771	1771
27.5	1674	1674	1672	1669	1665	1662	1659	1661	1671	1690	1690
30.0	1621	1619	1615	1608	1599	1588	1578	1574	1579	1595	1595
32.5	1497	1511	1527	1544	1527	1507	1488	1475	1473	1484	1484
35.0	1362	1376	1389	1404	1415	1418	1387	1364	1354	1355	1355
37.5	1227	1240	1251	1262	1269	1273	1270	1242	1222	1216	1216
40.0	1091	1104	1111	1119	1124	1126	1121	1106	1083	1074	1074
42.5	955.7	967.1	971.9	976.0	981.7	985.6	980.7	966.8	946.2	938.0	938.0
45.0	820.7	829.1	832.1	834.1	842.9	850.4	850.4	842.6	828.4	815.7	815.7
47.5	737.9	728.3	709.5	694.0	708.9	722.8	730.6	734.0	729.0	726.9	726.9
50.0	665.6	652.7	631.6	607.6	597.7	603.3	624.8	641.1	645.9	653.3	653.3
52.5	592.6	577.6	553.6	529.4	520.9	519.4	532.8	561.5	575.3	586.9	586.9
55.0	519.1	502.9	475.9	451.7	446.4	448.8	466.2	492.5	512.4	526.3	526.3
57.5	445.2	428.4	398.4	375.1	373.9	380.4	400.3	427.6	454.6	472.8	472.8
60.0	371.1	354.3	321.4	299.7	303.5	313.2	335.0	365.7	397.7	427.7	427.7
62.5	328.8	304.6	260.7	227.6	234.8	246.5	270.9	307.5	345.1	379.3	379.3
65.0	292.6	268.0	225.6	197.8	191.7	185.2	208.6	253.3	295.1	329.7	329.7
67.5	256.9	231.7	191.9	168.5	163.6	160.1	169.7	202.6	245.3	279.4	279.4
70.0	221.4	195.8	159.2	139.9	136.2	136.5	149.5	179.9	198.5	223.9	223.9
72.5	186.1	160.2	127.4	111.5	109.4	113.7	129.4	159.1	173.8	189.9	189.9
75.0	151.0	125.1	96.60	83.37	83.25	91.46	109.0	137.5	148.7	161.7	161.7
77.5	79.27	68.66	55.91	50.99	55.31	69.55	88.03	114.9	122.8	130.7	130.7
80.0	4.447	8.032	10.60	13.65	19.17	29.68	48.08	79.29	95.97	98.13	98.13
82.5	0	0	0	0	0	0	0	10.90	29.10	47.60	47.60
85.0	0	0	0	0	0	0	0	0	0	0	0
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	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0	200.0
0.0	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.5	2035	2036	2037	2039	2040	2042	2043	2042	2040	2039	2039
5.0	2020	2022	2025	2027	2030	2033	2036	2033	2030	2028	2028
7.5	2001	2004	2007	2010	2013	2017	2022	2018	2014	2011	2011
10.0	1978	1980	1983	1987	1991	1996	2002	1997	1992	1988	1988
12.5	1951	1952	1955	1959	1963	1969	1976	1969	1964	1960	1960
15.0	1920	1920	1922	1925	1930	1936	1944	1936	1930	1926	1926
17.5	1885	1884	1885	1888	1892	1899	1908	1899	1893	1889	1889
20.0	1848	1845	1844	1846	1851	1858	1868	1858	1851	1847	1847
22.5	1806	1802	1800	1800	1804	1812	1824	1813	1805	1801	1801
25.0	1761	1753	1749	1749	1753	1762	1776	1763	1755	1751	1751
27.5	1710	1698	1690	1687	1691	1703	1721	1705	1696	1692	1692
30.0	1622	1628	1613	1607	1612	1629	1655	1632	1619	1617	1617
32.5	1504	1533	1512	1505	1511	1529	1561	1533	1517	1516	1516
35.0	1367	1390	1394	1382	1386	1406	1442	1408	1391	1390	1390
37.5	1223	1241	1263	1246	1245	1262	1299	1265	1251	1253	1253
40.0	1080	1094	1111	1101	1092	1102	1132	1105	1099	1110	1110
42.5	946.8	958.6	964.7	956.2	939.4	938.2	957.9	940.3	944.5	965.8	965.8
45.0	831.9	840.0	836.9	828.2	803.6	793.3	802.6	794.8	806.8	833.6	833.6
47.5	737.8	740.8	731.2	715.1	687.2	673.3	678.0	674.5	689.9	717.9	717.9
50.0	661.4	660.0	641.1	617.6	590.0	572.0	571.3	571.9	591.1	618.3	618.3
52.5	594.9	593.8	567.2	534.5	503.3	478.9	472.1	477.1	500.8	532.3	532.3
55.0	536.4	534.2	500.9	458.7	423.3	392.0	377.7	388.4	417.7	454.5	454.5
57.5	486.0	477.1	437.7	388.7	352.1	315.3	295.7	309.0	341.7	385.6	385.6
60.0	443.6	423.8	376.5	325.5	287.0	252.9	233.9	246.0	276.7	325.7	325.7
62.5	407.6	370.9	317.0	271.5	232.7	206.1	195.1	201.2	226.0	275.1	275.1
65.0	358.3	318.2	265.6	226.6	189.2	168.1	163.8	165.7	185.4	230.0	230.0
67.5	300.5	267.7	224.8	188.5	154.2	134.9	133.5	134.2	151.4	188.0	188.0
70.0	246.6	218.8	195.6	160.7	126.2	108.0	106.3	107.6	122.4	157.8	157.8
72.5	199.8	181.1	169.7	141.4	104.9	87.69	84.81	86.44	99.05	136.3	136.3
75.0	161.4	151.1	142.6	128.1	92.86	75.83	70.37	73.27	86.55	121.2	121.2
77.5	128.5	124.1	119.5	108.5	84.65	68.55	62.00	65.70	80.21	104.1	104.1

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-06-03

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

Photometric Data Table [cd]

80.0	98.91	97.92	97.81	91.49	75.35	60.58	56.09	59.73	75.06	91.62
82.5	69.26	73.85	74.69	72.54	58.24	46.24	49.06	52.48	64.12	75.17
85.0	0	21.63	46.93	47.90	40.30	29.12	34.87	39.81	47.44	49.25
87.5	0	0	0	0	17.88	14.83	8.208	16.61	17.68	0
90.0	0	0	0	0	0	0	0.5277	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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.5	2038	2037	2035	2034	2033	2033	2032	2031	2030	2030
5.0	2025	2023	2021	2020	2018	2017	2016	2015	2014	2013
7.5	2008	2005	2003	2001	2000	1998	1997	1997	1996	1995
10.0	1984	1982	1980	1978	1977	1977	1977	1977	1977	1977
12.5	1956	1954	1952	1952	1952	1953	1954	1955	1956	1957
15.0	1923	1922	1922	1922	1924	1926	1929	1931	1934	1937
17.5	1886	1886	1887	1889	1893	1897	1902	1907	1908	1903
20.0	1846	1846	1849	1854	1859	1866	1865	1858	1854	1850
22.5	1801	1803	1808	1815	1824	1813	1805	1800	1798	1796
25.0	1752	1756	1764	1774	1756	1745	1740	1739	1739	1741
27.5	1695	1702	1714	1694	1677	1669	1668	1672	1678	1684
30.0	1624	1639	1630	1601	1586	1582	1588	1600	1613	1624
32.5	1528	1551	1517	1493	1482	1485	1499	1521	1543	1563
35.0	1406	1406	1382	1367	1364	1376	1401	1434	1429	1417
37.5	1272	1249	1232	1226	1231	1253	1283	1283	1278	1270
40.0	1120	1098	1082	1078	1089	1114	1127	1131	1128	1122
42.5	971.9	960.0	944.2	935.0	945.3	966.9	978.9	983.2	979.5	973.8
45.0	838.0	835.6	824.3	807.0	819.9	835.2	840.9	840.3	834.5	826.4
47.5	727.1	729.9	722.1	712.5	714.6	720.1	715.3	704.6	693.5	680.7
50.0	635.5	645.5	640.5	633.4	626.5	620.9	604.1	577.8	577.2	593.9
52.5	562.0	579.4	574.2	563.8	551.8	536.1	506.7	494.0	500.5	516.0
55.0	495.5	523.0	518.1	503.2	486.0	463.6	442.9	427.1	426.7	438.7
57.5	433.6	467.2	470.2	451.8	427.8	403.7	380.3	362.5	356.1	362.4
60.0	377.6	413.9	428.2	408.9	377.2	347.3	319.2	298.9	288.4	287.8
62.5	322.6	363.5	390.8	364.9	330.8	294.9	260.0	236.2	222.9	216.6
65.0	272.3	315.4	344.1	319.5	286.2	246.5	203.1	178.7	181.9	187.5
67.5	229.5	269.0	291.5	273.7	241.5	201.3	167.1	154.6	155.3	158.9
70.0	197.7	221.0	241.8	228.8	199.0	180.0	147.5	131.7	129.2	131.3
72.5	169.3	181.8	197.5	190.4	174.4	160.5	128.1	109.3	103.7	104.0
75.0	140.7	149.6	159.4	159.3	148.7	140.3	108.5	87.51	78.59	77.09
77.5	118.1	121.6	126.0	126.2	121.8	118.8	88.38	65.85	51.90	46.82
80.0	97.85	95.75	95.85	92.39	93.56	82.77	48.72	28.15	17.99	12.54
82.5	74.63	72.05	66.06	43.94	28.17	11.31	0	0	0	0
85.0	46.48	21.09	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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.5	2029	2029	2028	2028	2028	2028	2028	2028	2028	2028
5.0	2012	2012	2012	2011	2011	2010	2010	2010	2010	2010
7.5	1995	1995	1994	1994	1994	1993	1993	1992	1991	1991
10.0	1977	1977	1977	1977	1976	1976	1975	1973	1972	1971
12.5	1958	1959	1960	1960	1959	1958	1957	1954	1952	1950
15.0	1939	1941	1942	1942	1942	1941	1938	1935	1932	1928
17.5	1900	1896	1895	1892	1891	1890	1890	1890	1891	1893
20.0	1848	1845	1843	1842	1840	1839	1838	1838	1838	1838
22.5	1795	1794	1792	1791	1790	1789	1787	1785	1784	1782
25.0	1742	1742	1742	1740	1739	1738	1735	1733	1729	1725
27.5	1688	1690	1691	1690	1688	1686	1684	1679	1673	1665
30.0	1633	1638	1640	1639	1638	1636	1632	1626	1616	1603
32.5	1545	1527	1512	1502	1497	1498	1505	1515	1526	1539
35.0	1402	1386	1372	1361	1357	1358	1364	1373	1383	1392
37.5	1258	1245	1231	1220	1217	1217	1223	1231	1239	1245
40.0	1115	1103	1090	1079	1077	1077	1082	1089	1095	1098
42.5	970.1	960.3	949.8	938.2	936.3	936.2	941.1	946.7	950.1	950.9
45.0	825.5	817.6	809.2	797.3	796.0	795.6	800.1	804.3	805.5	805.9
47.5	699.2	715.9	725.5	729.6	734.6	726.6	716.8	703.7	680.0	663.2
50.0	621.2	641.3	653.5	664.9	673.2	660.4	645.7	630.0	602.4	577.2
52.5	543.3	567.1	580.9	599.7	611.8	593.8	574.5	556.4	524.9	500.6
55.0	465.9	492.8	507.9	534.0	550.4	526.8	503.1	482.4	447.9	425.4
57.5	389.0	418.6	434.7	467.9	489.0	459.5	431.7	408.3	371.4	351.9
60.0	312.6	344.7	361.2	401.4	427.7	392.0	360.4	334.2	295.6	280.5
62.5	252.7	296.5	320.0	358.0	381.7	350.4	319.6	285.7	236.9	212.7
65.0	218.4	262.2	285.1	316.1	335.7	310.4	284.6	251.1	204.6	184.8
67.5	185.3	228.2	250.7	274.6	289.8	270.7	249.9	217.2	173.5	157.1
70.0	153.1	194.5	216.6	233.6	243.8	231.4	215.5	183.9	143.2	129.9

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-06-03

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

Photometric Data Table [cd]

72.5	121.7	160.9	182.7	192.9	197.9	192.3	181.4	151.1	113.5	102.9
75.0	91.30	127.7	149.1	152.5	151.9	153.6	147.5	118.8	84.72	76.18
77.5	52.45	70.37	78.42	77.21	75.96	77.75	77.53	65.18	48.61	46.24
80.0	9.919	8.226	4.403	1.135	0	1.142	4.352	7.605	9.217	12.41
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	2045	2045	2045	2045	2045	2045	2045	2045	2045	2045
2.5	2029	2029	2030	2030	2031	2032	2033	2034	2035	2036
5.0	2010	2011	2011	2012	2013	2015	2016	2018	2019	2022
7.5	1991	1991	1991	1991	1992	1993	1995	1997	1999	2002
10.0	1970	1969	1968	1968	1967	1968	1969	1971	1973	1976
12.5	1948	1945	1943	1941	1940	1939	1939	1940	1942	1945
15.0	1924	1920	1916	1912	1909	1906	1905	1905	1906	1909
17.5	1896	1893	1887	1881	1875	1871	1868	1867	1867	1869
20.0	1840	1842	1848	1848	1840	1833	1828	1824	1823	1825
22.5	1781	1782	1785	1792	1802	1791	1783	1778	1775	1775
25.0	1720	1717	1716	1720	1729	1746	1733	1724	1719	1719
27.5	1656	1647	1641	1640	1645	1660	1676	1662	1654	1651
30.0	1588	1572	1558	1549	1549	1560	1582	1586	1572	1566
32.5	1515	1489	1465	1447	1439	1444	1462	1491	1470	1460
35.0	1399	1399	1362	1332	1316	1314	1325	1346	1346	1332
37.5	1249	1249	1241	1207	1181	1174	1179	1193	1207	1189
40.0	1100	1099	1088	1068	1042	1032	1036	1045	1054	1040
42.5	954.2	953.7	945.2	928.2	905.0	898.9	907.1	910.9	910.0	897.2
45.0	812.0	815.5	814.0	804.9	790.0	785.3	795.0	796.7	787.9	775.4
47.5	674.7	686.4	696.6	697.6	693.8	694.8	706.0	704.1	691.8	678.2
50.0	562.6	567.6	593.1	604.9	611.4	620.1	634.0	632.8	617.3	594.3
52.5	489.4	488.7	502.4	524.4	537.8	552.4	569.4	577.6	552.5	516.4
55.0	418.9	423.2	437.7	453.8	472.3	491.8	513.0	523.8	489.8	441.2
57.5	351.0	358.7	374.9	394.3	413.0	439.2	463.6	463.6	428.3	372.7
60.0	285.0	295.2	314.0	338.7	364.4	394.4	419.3	405.5	370.6	313.3
62.5	220.5	232.5	255.5	287.9	320.1	352.9	375.1	351.6	312.9	263.3
65.0	179.7	175.5	199.8	241.6	277.9	310.7	328.2	302.5	261.5	220.3
67.5	153.2	152.5	165.2	198.8	235.6	267.0	275.4	256.4	219.4	180.1
70.0	127.5	130.6	147.1	178.2	195.4	222.3	224.6	207.5	188.7	149.6
72.5	102.6	109.2	129.1	159.1	170.6	182.6	178.8	167.0	159.5	127.2
75.0	78.35	88.50	110.9	138.7	144.2	150.0	141.8	133.4	129.5	112.4
77.5	52.29	68.00	92.20	116.6	116.2	117.9	113.7	107.2	106.6	96.83
80.0	18.14	29.17	51.21	80.31	86.96	87.37	89.00	86.19	88.02	84.95
82.5	0	0	0	10.88	26.12	42.43	64.23	66.57	67.19	68.26
85.0	0	0	0	0	0	0	0	19.73	41.19	42.24
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	2045	2045								
2.5	2037	2039								
5.0	2024	2027								
7.5	2005	2009								
10.0	1980	1984								
12.5	1949	1954								
15.0	1913	1919								
17.5	1873	1880								
20.0	1829	1837								
22.5	1780	1789								
25.0	1724	1734								
27.5	1656	1668								
30.0	1571	1587								
32.5	1464	1482								
35.0	1334	1354								
37.5	1188	1205								
40.0	1032	1040								
42.5	879.8	878.0								
45.0	755.6	748.9								
47.5	654.4	640.1								
50.0	565.8	546.0								
52.5	480.5	454.8								
55.0	398.4	368.0								
57.5	324.6	291.8								
60.0	261.3	234.0								
62.5	213.9	191.2								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020-06-03

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
 Humidity: 65.0%
 Test Distance: 13.533m [K=1.0000]
 Remarks: IL-P595K3NU(S)

Photometric Data Table [cd]

65.0	175.6	156.2
67.5	142.9	125.5
70.0	114.1	97.84
72.5	91.78	77.00
75.0	81.52	67.36
77.5	77.35	63.44
80.0	71.91	57.50
82.5	59.35	48.88
85.0	41.25	32.65
87.5	11.68	9.915
90.0	0	0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2020-06-03

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.286
Humidity: 65.0%
Test Distance: 13.533m [K=1.0000]
Remarks: IL-P595K3NU(S)