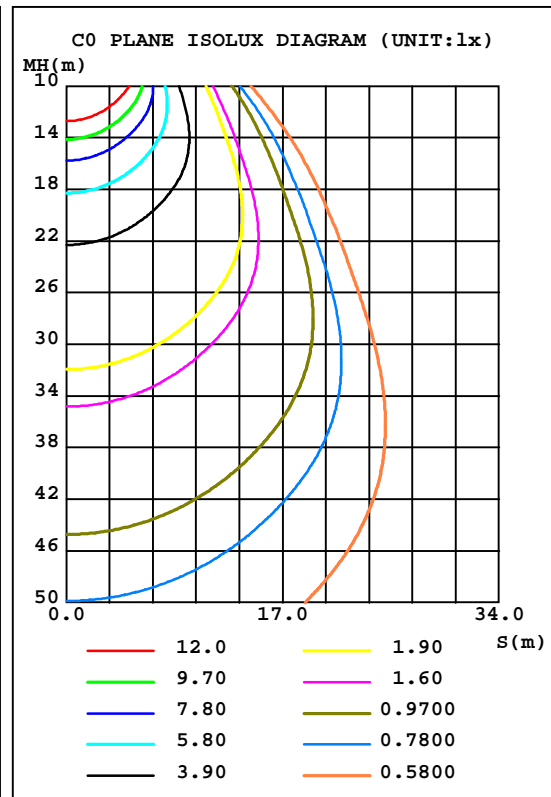
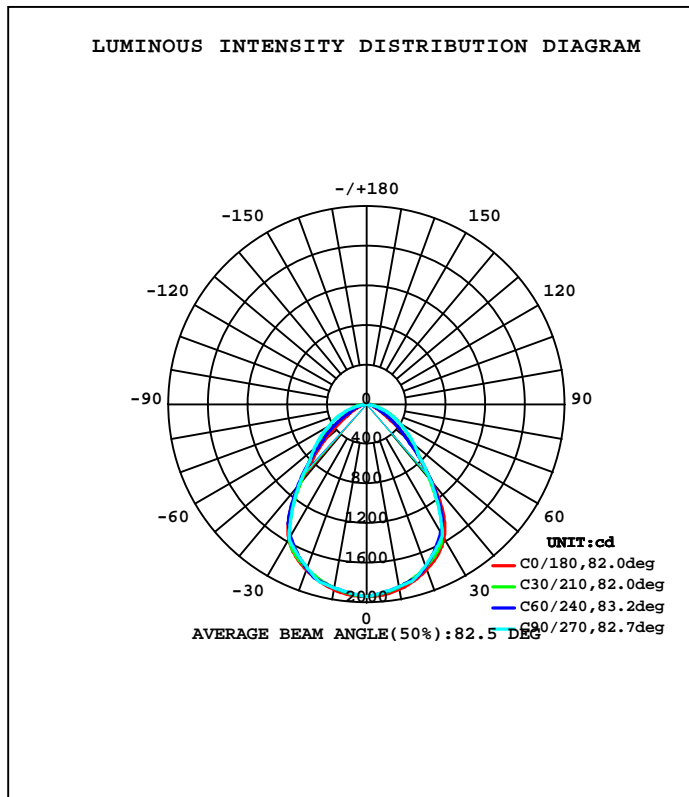


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.39 lm/W			
MODEL	IL-P195K3NU(S)	I _{max} (cd)	1941	S/MH(C0/180)	1.18
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.18
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3652.4	h UP, DN(C0-180)	0.0, 48.9
NOMINAL FLUX(lm)	3652.44	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 51.1
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



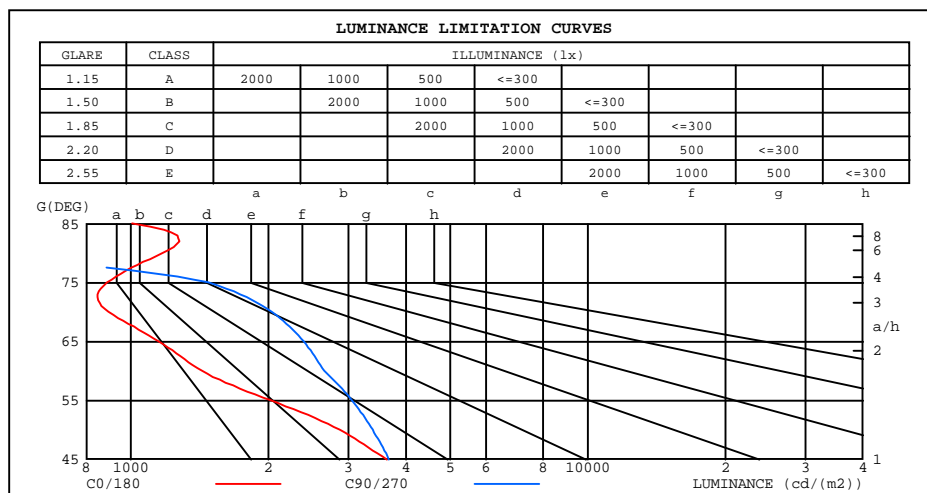
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-09

Angle 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-P195K3NU(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	1930	1911	1906	1911	1931	1915	1911	1914	0- 5	46.01	46.01	1.26,1.26
10	1898	1870	1871	1872	1900	1880	1882	1878	5- 10	135.7	181.7	4.97,4.97
15	1846	1819	1837	1823	1850	1837	1852	1832	10- 15	220.2	401.9	11,11
20	1776	1760	1736	1767	1781	1785	1759	1779	15- 20	296.2	698.1	19.1,19.1
25	1690	1637	1635	1643	1696	1670	1665	1663	20- 25	358.6	1057	28.9,28.9
30	1566	1471	1534	1476	1575	1512	1571	1505	25- 30	403.9	1461	40,40
35	1353	1260	1272	1263	1366	1310	1319	1302	30- 35	419.5	1880	51.5,51.5
40	1033	1002	1010	1007	1050	1060	1066	1053	35- 40	390.8	2271	62.2,62.2
45	740.3	747.5	747.6	757.4	755.5	816.5	814.3	808.4	40- 45	334.0	2605	71.3,71.3
50	529.8	559.6	625.3	568.5	546.6	630.4	691.4	624.1	45- 50	276.2	2881	78.9,78.9
55	333.7	418.9	502.9	421.9	352.8	484.2	568.5	482.6	50- 55	227.1	3108	85.1,85.1
60	205.8	310.1	380.6	312.1	222.5	358.4	445.6	354.8	55- 60	177.0	3285	89.9,89.9
65	139.9	215.0	290.4	216.1	154.2	247.6	348.6	242.2	60- 65	132.1	3417	93.6,93.6
70	87.96	158.1	200.3	159.9	98.45	177.3	251.7	172.2	65- 70	99.28	3517	96.3,96.3
75	66.15	126.7	110.1	128.9	71.14	140.3	154.7	136.2	70- 75	72.73	3589	98.3,98.3
80	58.76	73.35	0	75.74	62.42	84.59	0	81.41	75- 80	45.53	3635	99.5,99.5
85	25.21	0	0	0	31.21	0	0	0	80- 85	15.72	3651	100,100
90	0.1145	0	0	0	0.2140	0	0	0	85- 90	1.808	3652	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	1006	0
80	1177	0
75	889	1480
70	895	2037
65	1151	2390
60	1432	2647
55	2024	3050
50	2867	3383
45	3642	3678

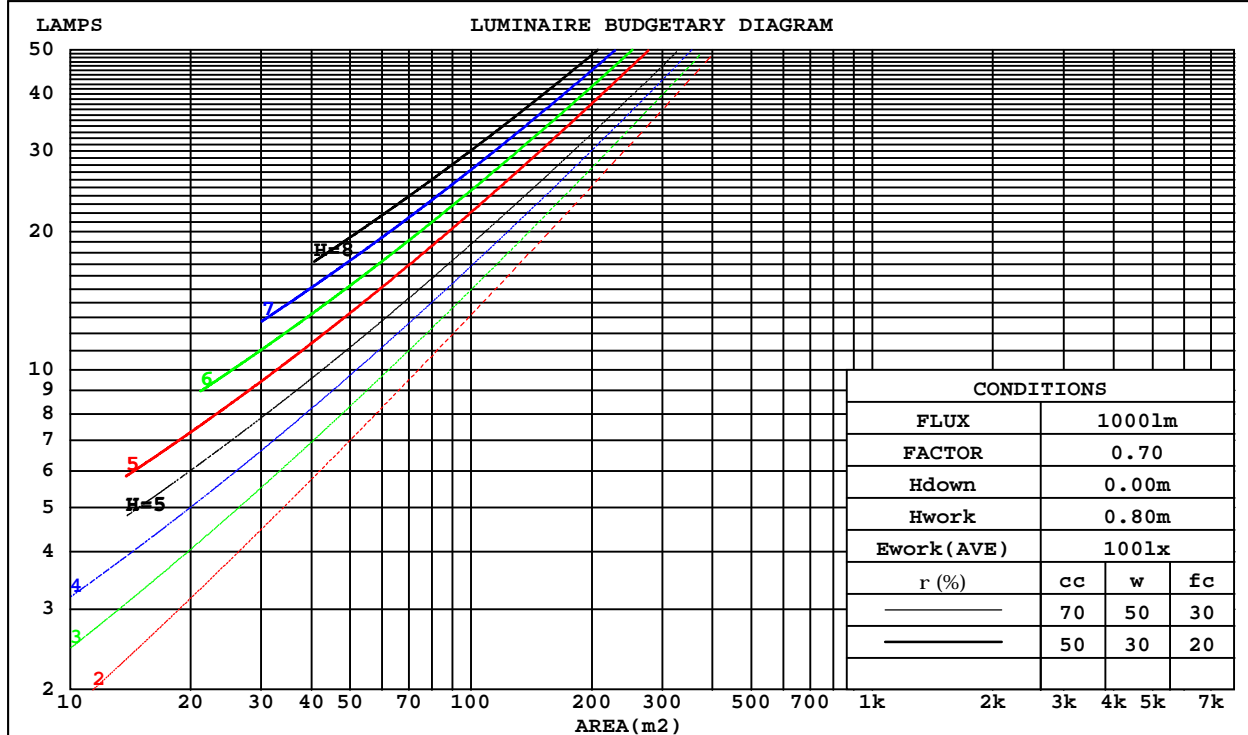
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-09

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-P195K3NU(S)

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	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	1.00	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	.65	.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:2018-10-09

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-P195K3NU(S)

WEC AND CCEC

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.249	.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	.226	.121	.036	.221	.118	.036	.211	.115	.035	.202	.111	.034	.194	.107	.033	
4.0	.213	.111	.033	.208	.109	.032	.200	.106	.032	.191	.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	.174	.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:2018-10-09

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-P195K3NU(S)

UGR(Unified Glare Rating) Table

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm										
NAME: IL-P195K3NU(S)					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:250*1150			PROTECTION ANGLE:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	15.2	16.5	15.5	16.7	16.9	15.1	16.4	15.4	16.6	16.8
3H	15.6	16.9	15.9	17.1	17.3	16.0	17.2	16.3	17.4	17.6
4H	15.8	16.9	16.1	17.2	17.4	16.3	17.5	16.6	17.7	17.9
6H	16.0	17.0	16.3	17.3	17.6	16.3	17.4	16.6	17.7	17.9
8H	16.1	17.1	16.4	17.4	17.6	16.3	17.3	16.6	17.6	17.9
12H	16.1	17.1	16.5	17.4	17.7	16.2	17.2	16.6	17.5	17.8
4H 2H	15.5	16.7	15.8	16.9	17.2	15.4	16.5	15.7	16.7	17.0
3H	16.3	17.3	16.7	17.6	17.9	16.3	17.2	16.6	17.5	17.8
4H	16.7	17.6	17.1	17.9	18.2	16.7	17.6	17.0	17.9	18.2
6H	17.1	17.9	17.4	18.2	18.6	16.7	17.5	17.1	17.9	18.2
8H	17.2	18.0	17.6	18.3	18.7	16.7	17.4	17.1	17.8	18.1
12H	17.3	18.0	17.8	18.4	18.8	16.6	17.3	17.0	17.7	18.1
8H 4H	16.9	17.6	17.3	18.0	18.3	16.8	17.6	17.2	17.9	18.3
6H	17.4	18.0	17.8	18.4	18.8	16.9	17.5	17.3	17.9	18.3
8H	17.7	18.2	18.2	18.7	19.1	16.9	17.4	17.3	17.8	18.3
12H	17.9	18.4	18.4	18.8	19.3	16.8	17.3	17.3	17.7	18.2
12H 4H	16.8	17.5	17.2	17.9	18.3	16.9	17.5	17.3	17.9	18.3
6H	17.4	17.9	17.8	18.3	18.8	16.9	17.5	17.4	17.9	18.3
8H	17.7	18.1	18.2	18.6	19.1	16.9	17.3	17.4	17.8	18.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.5					+ 0.5 / - 0.6				
1.5H	+ 0.4 / - 0.7					+ 0.7 / - 0.7				
2.0H	+ 0.7 / - 2.0					+ 1.3 / - 1.9				

CIE Pub.117 Corrected 3652 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.5)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-09

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-P195K3NU(S)

UTILIZATION FACTORS TABLE

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	68	58	52	67	58	52	66	57	52	46
0.80	77	68	62	77	68	62	75	67	61	56
1.00	85	76	70	84	76	70	82	76	69	64
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:2018-10-09

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-P195K3NU(S)

ISOCANDELA DIAGRAM

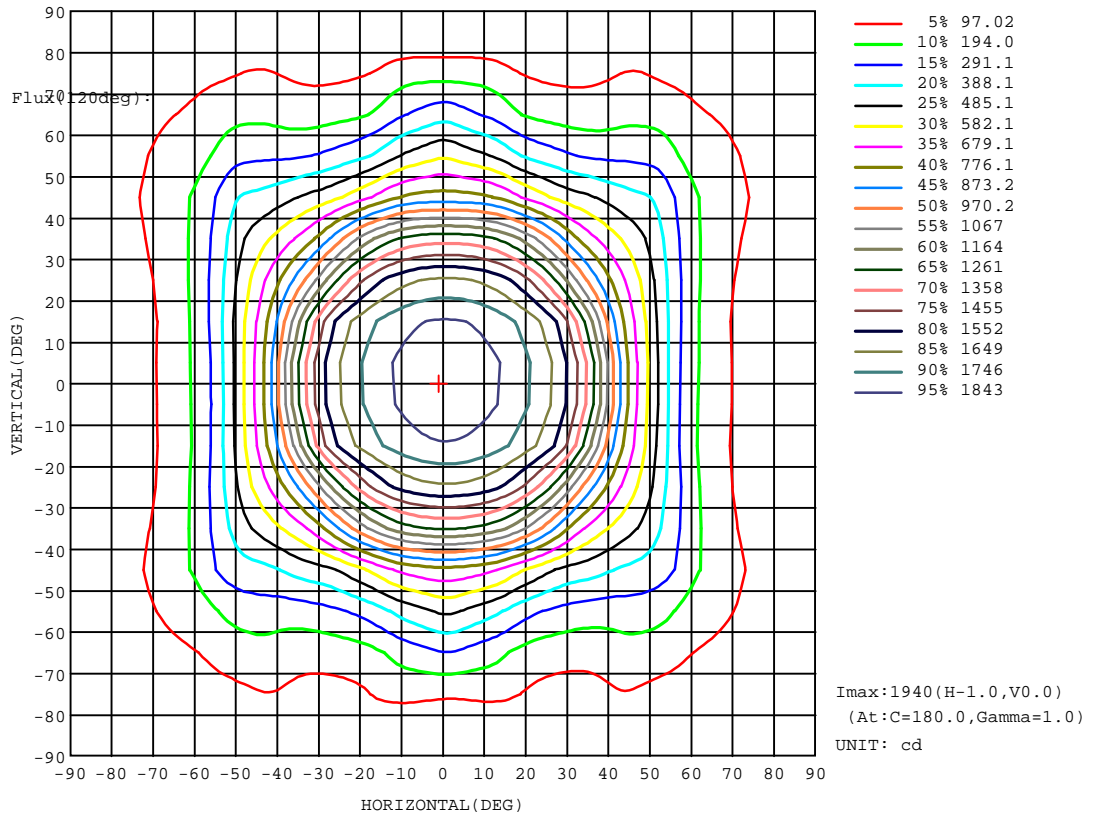
Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

Conical surface Flux(90deg):

2604.9 lm
%lum = 71.3%
%lamp = 71.3%

Conical surface Flux(20deg):

3285.2 lm
%lum = 89.9%
%lamp = 89.9%



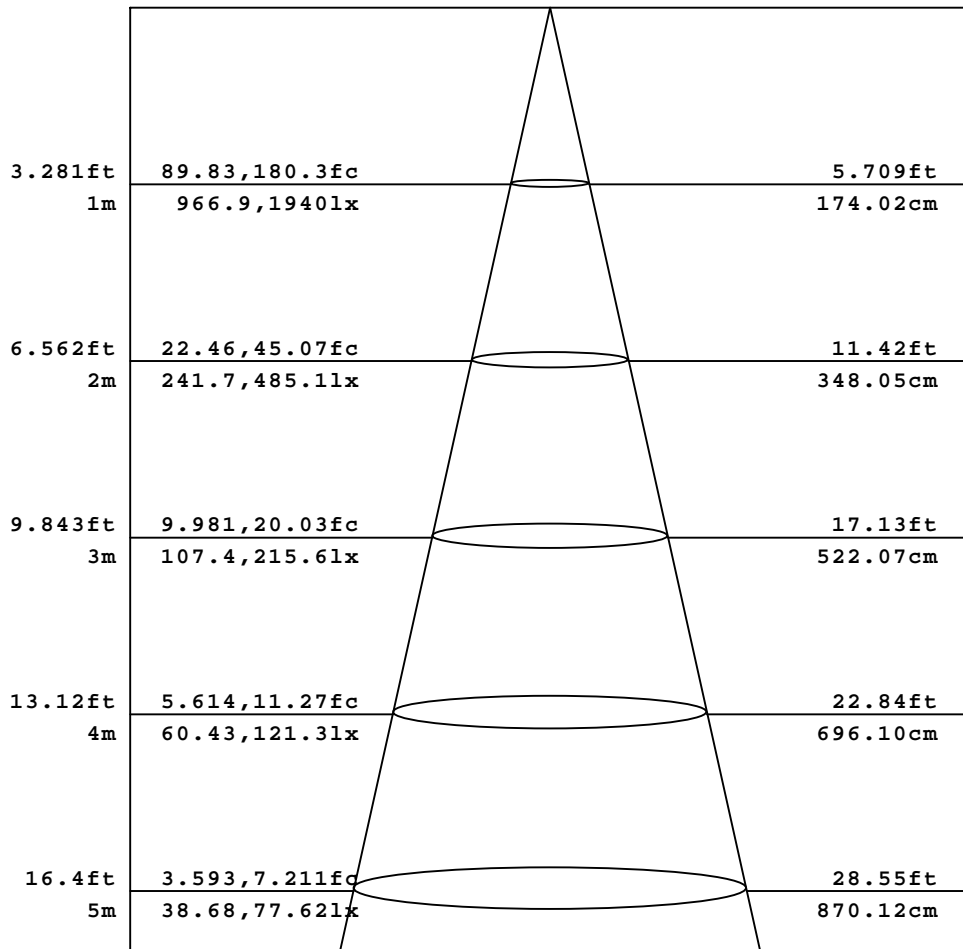
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-09

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-P195K3NU(S)

AAI Figure

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

Flux out:2378 lm



Height Eavg, Emax Angle:82.05deg Diameter

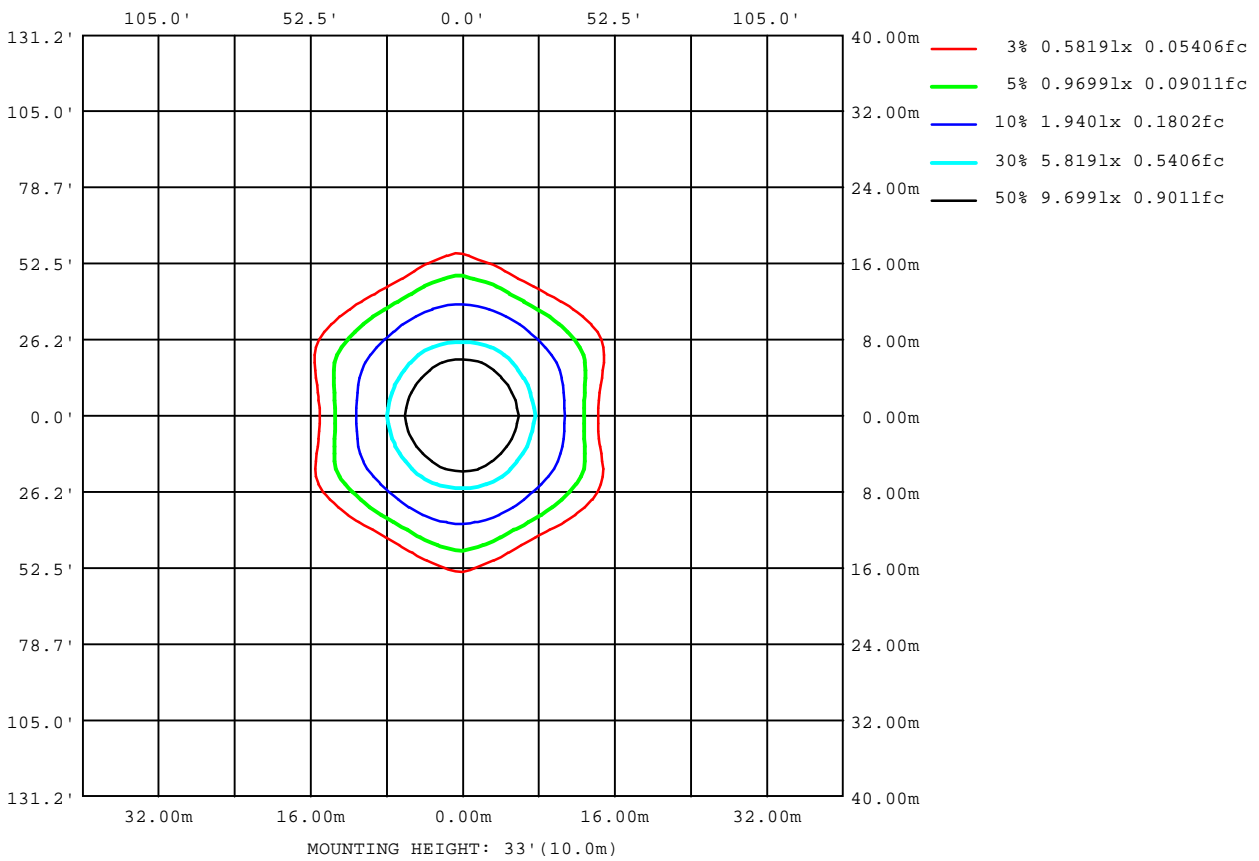
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-09

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-P195K3NU(S)

ISOLUX DIAGRAM

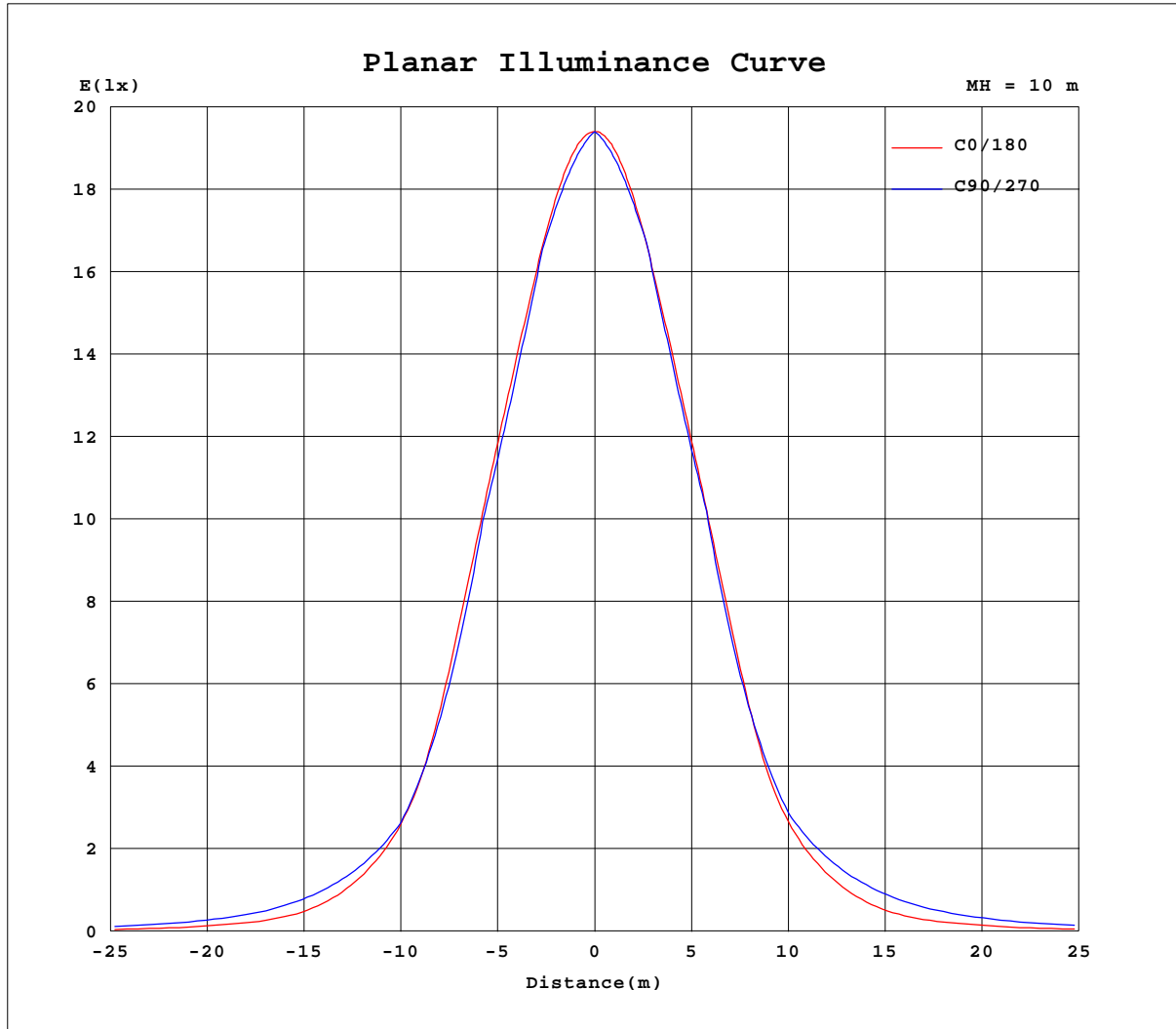
Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-09

Log 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-P195K3NU(S)

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-10-09

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-P195K3NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
5	1930	1927	1924	1922	1919	1917	1915	1913	1912	1911	1909	1908	1908	1907	1906	1906	1906	1906	1906
10	1898	1892	1887	1883	1879	1876	1874	1872	1871	1870	1869	1869	1869	1870	1870	1870	1871	1871	1871
15	1846	1838	1831	1825	1822	1819	1818	1817	1818	1819	1821	1823	1826	1828	1831	1833	1835	1836	1837
20	1776	1765	1757	1751	1748	1747	1748	1751	1755	1760	1757	1750	1744	1741	1738	1737	1736	1735	1736
25	1690	1674	1663	1657	1655	1658	1664	1672	1651	1637	1630	1627	1628	1629	1631	1632	1634	1634	1635
30	1566	1540	1523	1517	1522	1534	1525	1495	1477	1471	1474	1484	1497	1509	1519	1526	1531	1533	1534
35	1353	1314	1292	1286	1297	1296	1274	1258	1252	1260	1281	1312	1312	1305	1296	1286	1277	1272	1272
40	1033	1003	994	1000	1012	1003	991	981	983	1002	1017	1024	1024	1023	1022	1016	1010	1008	1010
45	740	732	739	757	763	768	765	748	744	747	752	752	748	743	746	747	743	744	748
50	530	532	552	580	601	615	615	595	576	560	536	510	508	523	548	576	593	612	625
55	334	342	371	415	463	497	489	468	444	419	393	374	372	379	398	428	452	481	503
60	206	210	233	284	342	379	390	366	338	310	282	259	247	242	252	281	310	349	381
65	140	139	158	198	245	295	309	286	257	215	174	151	154	158	178	212	241	268	290
70	88.0	89.2	107	142	184	201	209	202	182	158	130	116	115	118	135	163	181	191	200
75	66.2	70.2	85.8	118	126	122	123	133	132	127	103	84.7	76.8	78.1	94.4	118	123	114	110
80	58.8	59.6	73.3	83.6	83.7	79.6	79.1	78.2	78.1	73.3	50.1	29.8	18.9	13.5	10.8	7.76	3.63	0.85	0.00
85	25.2	27.7	40.5	43.5	40.1	18.7	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	0.11	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:2018-10-09

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-P195K3NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	
0	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	
5	1906	1906	1907	1907	1908	1908	1909	1910	1911	1913	1914	1916	1918	1920	1923	1925	1928	1931	1929	
10	1871	1871	1871	1871	1871	1871	1871	1872	1872	1873	1875	1876	1879	1882	1885	1890	1895	1900	1896	
15	1836	1836	1835	1833	1831	1829	1827	1825	1823	1822	1822	1822	1824	1826	1830	1835	1842	1850	1843	
20	1736	1737	1738	1741	1743	1748	1754	1763	1767	1762	1758	1755	1754	1755	1758	1763	1771	1781	1773	
25	1635	1634	1634	1632	1631	1630	1631	1635	1643	1659	1682	1673	1667	1665	1666	1672	1682	1696	1685	
30	1533	1531	1526	1519	1510	1498	1486	1477	1476	1484	1505	1538	1549	1537	1532	1536	1551	1575	1554	
35	1274	1279	1288	1298	1307	1312	1311	1282	1263	1259	1270	1291	1319	1321	1307	1310	1329	1366	1335	
40	1011	1014	1021	1028	1028	1028	1027	1019	1007	995	1000	1012	1026	1038	1028	1019	1025	1050	1028	
45	748	749	755	756	752	755	758	758	757	759	767	788	796	794	790	764	751	756	752	
50	615	599	583	557	533	517	518	543	569	589	610	635	640	627	608	578	553	547	555	
55	483	457	433	404	387	380	382	398	422	448	475	504	522	491	442	397	365	353	369	
60	351	315	282	255	249	255	266	287	312	337	363	398	398	363	305	257	231	222	236	
65	271	245	214	181	164	161	158	178	216	257	287	314	308	262	217	175	155	154	158	
70	193	185	167	139	123	120	121	132	160	185	203	213	212	196	156	119	101	98.4	102	
75	117	127	123	97.1	81.4	79.9	87.6	105	129	136	134	124	124	132	127	93.7	76.7	71.1	79.2	
80	0.87	3.76	8.15	11.1	14.0	19.6	30.8	51.4	75.7	83.9	83.2	82.5	81.3	84.7	87.3	80.7	64.6	62.4	69.2	
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.7	42.5	45.8	43.9	33.6	31.2	40.0
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	0.21	0.00	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-09

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-P195K3NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
5	1926	1924	1922	1920	1919	1918	1916	1915	1914	1914	1913	1913	1912	1912	1912	1911	1911	1911	1911
10	1892	1888	1886	1884	1882	1881	1881	1880	1880	1881	1881	1881	1881	1882	1882	1882	1882	1882	1881
15	1838	1835	1833	1832	1832	1833	1834	1837	1839	1842	1844	1847	1849	1851	1852	1852	1852	1852	1851
20	1768	1765	1764	1765	1768	1773	1779	1785	1783	1775	1770	1766	1763	1761	1760	1759	1759	1758	1759
25	1678	1675	1676	1682	1690	1701	1682	1670	1663	1660	1659	1660	1662	1664	1664	1665	1665	1664	1663
30	1542	1540	1548	1565	1559	1532	1517	1512	1516	1526	1537	1547	1556	1563	1568	1570	1571	1570	1567
35	1320	1321	1338	1339	1317	1302	1299	1310	1333	1364	1364	1356	1347	1338	1329	1321	1319	1320	1327
40	1026	1040	1059	1055	1047	1040	1042	1060	1079	1090	1092	1092	1089	1085	1078	1070	1066	1068	1076
45	766	795	808	821	824	814	812	817	823	829	829	827	831	833	828	818	814	815	825
50	581	612	637	662	669	656	642	630	614	597	596	607	632	658	674	685	691	677	666
55	405	449	499	539	538	523	504	484	460	444	442	446	467	501	528	553	569	538	515
60	267	309	366	416	437	416	387	358	330	309	298	292	304	343	380	419	446	398	363
65	179	218	260	314	348	326	289	248	205	183	188	194	214	258	299	329	349	315	287
70	123	159	196	217	236	233	201	177	151	139	139	143	157	192	226	243	252	235	218
75	98.5	131	140	141	148	160	155	140	115	98.0	91.2	92.9	102	129	155	158	155	156	150
80	86.8	96.7	97.4	95.9	98.2	99.0	101	84.6	53.6	33.6	22.1	15.9	11.6	8.37	4.57	1.17	0.00	1.16	4.43
85	50.6	54.7	52.5	23.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-09

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-P195K3NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.8V I:0.1384A P:31.11W PF:0.9787 Lamp Flux:3652.44x1 lm		
NAME: IL-P195K3NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940				
5	1911	1911	1912	1912	1913	1914	1914	1915	1917	1918	1919	1921	1923	1925	1928				
10	1881	1880	1880	1879	1878	1878	1878	1878	1879	1880	1881	1883	1886	1889	1893				
15	1849	1847	1844	1841	1838	1835	1832	1830	1828	1827	1827	1828	1830	1834	1839				
20	1760	1761	1763	1766	1771	1777	1779	1772	1766	1762	1758	1757	1758	1761	1767				
25	1662	1660	1658	1656	1656	1658	1663	1674	1691	1680	1671	1666	1665	1668	1677				
30	1562	1555	1545	1534	1522	1511	1505	1507	1520	1543	1546	1530	1523	1526	1541				
35	1336	1345	1355	1362	1361	1328	1302	1288	1287	1295	1312	1311	1298	1300	1318				
40	1083	1088	1089	1088	1086	1074	1053	1031	1023	1026	1030	1029	1012	1001	1007				
45	829	828	822	824	825	817	808	800	798	804	796	780	764	742	733				
50	653	626	601	591	592	608	624	634	642	652	641	614	584	554	533				
55	493	459	440	437	439	456	483	500	514	525	519	474	421	378	347				
60	332	295	285	292	303	326	355	384	412	426	397	345	288	244	216				
65	249	206	187	182	176	199	242	284	319	336	294	242	197	160	141				
70	184	151	137	134	134	145	172	195	225	223	202	182	143	110	90.5				
75	123	98.2	88.1	87.9	95.4	111	136	148	153	140	133	132	121	91.0	73.6				
80	7.97	11.1	15.0	21.4	32.8	51.7	81.4	94.9	92.1	90.6	89.8	92.7	90.4	80.0	64.6				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.5	47.2	49.1	44.9	33.3				
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:2018-10-09

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-P195K3NU(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	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
2.5	1938	1936	1935	1933	1932	1931	1930	1929	1928	1927
5.0	1930	1927	1924	1922	1919	1917	1915	1913	1912	1911
7.5	1917	1912	1908	1905	1901	1899	1896	1894	1893	1892
10.0	1898	1892	1887	1883	1879	1876	1874	1872	1871	1870
12.5	1875	1867	1861	1857	1853	1849	1847	1846	1846	1846
15.0	1846	1838	1831	1825	1822	1819	1818	1817	1818	1819
17.5	1813	1803	1796	1791	1787	1785	1785	1785	1788	1791
20.0	1776	1765	1757	1751	1748	1747	1748	1751	1755	1760
22.5	1735	1723	1713	1707	1705	1705	1708	1713	1720	1707
25.0	1690	1674	1663	1657	1655	1658	1664	1672	1651	1637
27.5	1635	1615	1602	1596	1597	1602	1612	1591	1570	1559
30.0	1566	1540	1523	1517	1522	1534	1525	1495	1477	1471
32.5	1474	1440	1419	1413	1422	1442	1409	1384	1371	1371
35.0	1353	1314	1292	1286	1297	1296	1274	1258	1252	1260
37.5	1203	1165	1147	1146	1161	1145	1129	1120	1120	1137
40.0	1033	1003	993.7	1000.0	1012	1003	991.4	981.1	983.1	1002
42.5	868.2	850.7	851.1	864.9	874.3	875.2	867.5	855.9	851.1	866.7
45.0	740.3	731.8	738.8	756.6	763.0	768.2	764.7	748.0	743.6	747.5
47.5	629.4	627.7	642.3	665.7	675.3	683.1	682.8	665.6	655.3	645.9
50.0	529.8	531.8	552.3	580.4	600.8	614.7	614.6	594.9	576.3	559.6
52.5	428.3	434.0	460.0	496.4	531.3	556.6	548.9	528.6	507.7	485.3
55.0	333.7	341.9	371.1	414.5	463.1	497.0	489.4	467.7	443.9	418.9
57.5	258.7	265.2	291.8	342.8	398.2	434.9	436.5	413.4	384.7	363.2
60.0	205.8	210.4	233.1	283.7	342.2	379.4	389.7	366.0	337.6	310.1
62.5	170.6	171.4	190.9	236.9	290.5	333.8	350.2	326.5	295.7	260.5
65.0	139.9	139.4	157.6	198.3	245.4	294.7	308.6	286.3	257.2	215.0
67.5	111.7	111.6	129.8	165.8	209.3	254.7	260.2	244.9	219.2	173.4
70.0	87.96	89.23	106.8	142.4	184.1	201.3	209.5	202.1	182.3	158.1
72.5	73.23	75.72	91.87	126.8	156.5	157.5	160.1	162.8	158.0	143.7
75.0	66.15	70.18	85.82	117.9	126.2	122.0	122.9	133.0	132.3	126.7
77.5	62.44	65.81	80.88	100.1	102.5	97.31	99.53	104.6	105.5	106.9
80.0	58.76	59.63	73.29	83.60	83.65	79.61	79.12	78.19	78.10	73.35
82.5	47.76	47.40	58.09	65.65	64.39	62.49	58.39	38.29	23.43	9.919
85.0	25.21	27.74	40.52	43.45	40.06	18.67	0	0	0	0
87.5	3.746	11.01	16.86	0	0	0	0	0	0	0
90.0	0.1145	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	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
2.5	1926	1925	1925	1924	1924	1923	1923	1923	1923	1923
5.0	1909	1908	1908	1907	1906	1906	1906	1906	1906	1906
7.5	1891	1890	1889	1889	1889	1888	1888	1888	1888	1889
10.0	1869	1869	1869	1870	1870	1870	1871	1871	1871	1871
12.5	1846	1847	1848	1850	1851	1852	1853	1853	1854	1854
15.0	1821	1823	1826	1828	1831	1833	1835	1836	1837	1836
17.5	1794	1799	1799	1794	1791	1788	1787	1786	1786	1786
20.0	1757	1750	1744	1741	1738	1737	1736	1735	1736	1736
22.5	1697	1691	1687	1686	1685	1685	1685	1685	1685	1685
25.0	1630	1627	1628	1629	1631	1632	1634	1634	1635	1635
27.5	1556	1559	1564	1570	1575	1579	1582	1583	1584	1584
30.0	1474	1484	1497	1509	1519	1526	1531	1533	1534	1533
32.5	1383	1402	1424	1445	1432	1420	1410	1404	1403	1405
35.0	1281	1312	1312	1305	1296	1286	1277	1272	1272	1274
37.5	1163	1168	1167	1165	1160	1151	1144	1140	1141	1143
40.0	1017	1024	1024	1023	1022	1016	1010	1008	1010	1011
42.5	879.1	885.1	884.2	882.3	884.5	881.8	876.9	876.2	878.6	879.8
45.0	751.8	752.1	747.7	742.5	746.3	746.8	743.2	743.9	747.6	748.3
47.5	637.0	626.6	615.6	605.0	625.3	649.3	662.4	676.4	686.5	680.4
50.0	536.2	510.3	507.9	522.6	548.5	575.7	592.5	611.5	625.3	615.0
52.5	448.9	434.6	438.6	449.8	472.4	502.1	522.3	546.3	564.1	549.3
55.0	392.7	374.2	372.3	378.8	397.6	428.3	451.8	480.8	502.9	483.3
57.5	337.2	316.0	308.6	309.6	324.0	354.5	381.1	415.0	441.7	417.1
60.0	281.7	258.9	247.5	242.3	251.8	280.9	310.4	348.9	380.6	350.6
62.5	227.1	202.5	188.3	178.9	199.7	238.1	272.5	307.9	335.5	309.8
65.0	173.9	151.0	153.9	158.5	177.6	212.2	241.4	268.3	290.4	270.5
67.5	142.9	133.2	134.0	138.1	156.2	187.4	210.8	229.3	245.4	231.7
70.0	129.5	116.4	114.5	118.0	135.2	163.4	180.9	190.6	200.3	193.2
72.5	116.3	100.3	95.46	98.04	114.6	140.2	151.5	152.4	155.2	155.1
75.0	102.8	84.72	76.81	78.14	94.40	117.6	122.6	114.4	110.1	117.2
77.5	88.83	69.41	54.64	50.34	56.78	66.02	64.54	57.86	55.07	59.32
80.0	50.11	29.82	18.94	13.47	10.76	7.757	3.631	0.8507	0	0.8725
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: 2018-10-09

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-P195K3NU(S)

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	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
2.5	1923	1924	1924	1925	1925	1926	1926	1927	1928	1929
5.0	1906	1907	1907	1908	1908	1909	1910	1911	1913	1914
7.5	1889	1889	1889	1890	1890	1891	1892	1893	1895	1896
10.0	1871	1871	1871	1871	1871	1871	1872	1872	1873	1875
12.5	1854	1853	1852	1852	1851	1850	1849	1849	1849	1849
15.0	1836	1835	1833	1831	1829	1827	1825	1823	1822	1822
17.5	1788	1790	1793	1797	1803	1803	1799	1796	1793	1791
20.0	1737	1738	1741	1743	1748	1754	1763	1767	1762	1758
22.5	1686	1686	1687	1688	1691	1695	1702	1713	1728	1722
25.0	1634	1634	1632	1631	1630	1631	1635	1643	1659	1682
27.5	1583	1580	1576	1572	1566	1562	1560	1565	1578	1600
30.0	1531	1526	1519	1510	1498	1486	1477	1476	1484	1505
32.5	1411	1421	1432	1444	1424	1402	1385	1375	1378	1395
35.0	1279	1288	1298	1307	1312	1311	1282	1263	1259	1270
37.5	1147	1155	1163	1168	1169	1169	1163	1140	1129	1135
40.0	1014	1021	1028	1028	1028	1027	1019	1007	994.9	1000.0
42.5	882.0	887.9	891.7	889.4	889.9	889.4	883.6	874.7	866.2	874.5
45.0	749.5	754.5	755.7	751.6	755.2	757.8	757.9	757.4	759.4	767.5
47.5	668.7	657.2	635.7	616.1	624.5	633.6	644.2	656.4	667.9	684.7
50.0	598.6	582.7	557.4	532.8	517.2	518.0	543.2	568.5	588.6	610.3
52.5	528.1	507.9	480.0	458.9	447.2	442.2	454.5	490.9	516.4	540.2
55.0	457.2	432.7	403.9	386.9	380.4	381.6	398.1	421.9	448.2	474.9
57.5	386.1	357.4	329.0	316.9	316.6	323.0	342.3	365.8	384.5	415.5
60.0	314.7	282.1	255.5	249.1	255.4	265.9	286.6	312.1	336.8	363.0
62.5	276.7	239.3	203.0	185.2	196.3	209.5	231.7	261.9	294.9	325.1
65.0	245.4	214.1	181.4	164.5	161.4	157.9	178.1	216.1	257.2	287.0
67.5	214.8	190.0	160.2	143.6	140.3	139.0	146.2	174.9	220.3	246.4
70.0	184.9	166.8	138.9	122.9	119.7	121.2	132.2	159.9	184.5	202.6
72.5	155.6	144.5	117.7	102.1	99.58	104.1	118.6	145.7	160.8	162.3
75.0	126.8	122.8	97.11	81.43	79.89	87.65	105.0	128.9	135.8	134.1
77.5	66.85	69.28	58.41	52.46	56.62	71.56	91.05	109.5	110.0	107.6
80.0	3.762	8.153	11.06	14.03	19.62	30.76	51.43	75.74	83.95	83.16
82.5	0	0	0	0	0	0	0	10.28	25.34	41.70
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	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
2.5	1930	1931	1933	1934	1935	1937	1938	1937	1936	1935
5.0	1916	1918	1920	1923	1925	1928	1931	1929	1926	1924
7.5	1898	1901	1904	1907	1910	1914	1919	1915	1912	1909
10.0	1876	1879	1882	1885	1890	1895	1900	1896	1892	1888
12.5	1851	1853	1856	1860	1865	1871	1877	1872	1868	1864
15.0	1822	1824	1826	1830	1835	1842	1850	1843	1838	1835
17.5	1790	1791	1792	1796	1801	1808	1817	1810	1805	1802
20.0	1755	1754	1755	1758	1763	1771	1781	1773	1768	1765
22.5	1716	1713	1713	1715	1721	1729	1742	1732	1726	1723
25.0	1673	1667	1665	1666	1672	1682	1696	1685	1678	1675
27.5	1624	1614	1608	1607	1613	1624	1643	1627	1619	1616
30.0	1538	1549	1537	1532	1536	1551	1575	1554	1542	1540
32.5	1423	1461	1441	1432	1436	1454	1485	1458	1443	1442
35.0	1291	1319	1321	1307	1310	1329	1366	1335	1320	1321
37.5	1150	1168	1185	1168	1168	1183	1218	1188	1177	1184
40.0	1012	1026	1038	1028	1019	1025	1050	1028	1026	1040
42.5	890.0	901.1	905.9	898.1	879.5	874.2	886.9	876.1	883.7	905.8
45.0	788.0	795.9	794.4	790.1	764.1	751.3	755.5	752.1	766.4	795.0
47.5	705.5	709.5	704.2	693.2	667.1	649.1	647.3	649.8	668.1	695.9
50.0	635.2	640.2	627.5	607.9	577.7	553.1	546.6	555.2	581.0	611.7
52.5	566.8	582.7	559.0	524.7	486.7	455.9	445.4	459.2	492.7	531.1
55.0	504.1	522.5	490.8	441.7	397.2	364.6	352.8	369.1	404.8	449.1
57.5	447.9	457.1	423.8	366.8	317.5	286.4	275.1	292.6	328.7	372.9
60.0	398.4	397.6	363.2	305.2	256.9	230.6	222.5	236.5	266.6	309.4
62.5	356.7	348.5	308.2	257.0	211.4	189.6	186.3	193.8	218.0	258.5
65.0	314.4	308.0	262.2	216.9	175.2	155.4	154.2	157.9	179.4	218.0
67.5	264.9	268.1	224.0	182.0	144.8	125.5	124.7	126.8	148.1	184.1
70.0	213.1	211.6	196.1	155.5	119.2	100.7	98.45	101.6	123.2	158.6
72.5	161.8	163.6	165.6	137.4	101.1	84.09	80.38	85.57	106.1	141.5
75.0	123.7	124.3	131.9	126.9	93.68	76.75	71.14	79.25	98.52	131.1
77.5	101.8	98.22	104.9	106.7	88.35	71.26	66.27	75.11	93.56	113.2

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-10-09

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-P195K3NU(S)

Photometric Data Table [cd]

80.0	82.50	81.35	84.73	87.31	80.69	64.65	62.42	69.18	86.85	96.74
82.5	62.43	65.06	66.40	68.03	63.24	53.02	52.71	58.44	70.17	78.41
85.0	0	19.66	42.49	45.82	43.86	33.61	31.21	40.01	50.57	54.66
87.5	0	0	0	0	18.55	13.21	6.456	15.77	23.33	0
90.0	0	0	0	0	0	0	0.2140	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	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
2.5	1934	1933	1932	1931	1930	1929	1929	1928	1927	1927
5.0	1922	1920	1919	1918	1916	1915	1914	1914	1913	1913
7.5	1906	1904	1903	1901	1900	1899	1898	1898	1897	1897
10.0	1886	1884	1882	1881	1881	1880	1880	1881	1881	1881
12.5	1861	1860	1859	1858	1859	1859	1861	1862	1863	1864
15.0	1833	1832	1832	1833	1834	1837	1839	1842	1844	1847
17.5	1800	1800	1802	1804	1808	1812	1816	1821	1821	1816
20.0	1764	1765	1768	1773	1779	1785	1783	1775	1770	1766
22.5	1723	1726	1732	1739	1747	1735	1726	1720	1716	1714
25.0	1676	1682	1690	1701	1682	1670	1663	1660	1659	1660
27.5	1621	1630	1643	1624	1605	1596	1594	1596	1600	1605
30.0	1548	1565	1559	1532	1517	1512	1516	1526	1537	1547
32.5	1454	1476	1446	1425	1414	1417	1430	1449	1469	1486
35.0	1338	1339	1317	1302	1299	1310	1333	1364	1364	1356
37.5	1207	1195	1180	1171	1172	1190	1219	1227	1228	1225
40.0	1059	1055	1047	1040	1042	1060	1079	1090	1092	1092
42.5	922.0	928.5	926.9	918.7	917.2	931.1	946.3	956.7	958.7	959.1
45.0	808.2	820.5	824.5	813.6	811.8	816.5	823.5	829.2	828.5	826.7
47.5	716.3	732.7	740.6	730.3	721.4	717.0	712.5	708.9	702.9	695.9
50.0	637.4	661.6	669.5	655.7	642.3	630.4	613.6	597.2	595.5	607.4
52.5	567.7	601.0	600.3	586.3	570.7	553.8	526.6	514.9	517.5	526.1
55.0	498.8	538.8	538.2	522.6	504.3	484.2	460.4	444.2	442.0	446.5
57.5	430.4	474.8	483.6	465.4	442.8	419.7	395.0	375.8	369.0	368.5
60.0	366.3	416.4	437.2	416.4	387.2	358.4	330.2	308.9	298.4	292.4
62.5	308.0	362.6	397.3	371.0	336.3	301.0	266.7	243.0	229.4	220.2
65.0	260.4	313.7	348.5	325.9	288.7	247.6	205.4	182.8	188.1	194.1
67.5	223.0	268.5	291.2	279.9	242.7	197.9	168.4	160.0	163.2	168.3
70.0	196.1	216.6	235.8	233.1	200.6	177.3	150.7	138.6	138.6	143.0
72.5	168.9	174.8	186.2	191.4	178.5	159.3	132.9	118.0	114.7	117.8
75.0	140.1	141.0	148.2	159.9	154.6	140.3	114.9	98.03	91.17	92.93
77.5	116.6	115.7	121.5	128.7	128.8	120.1	96.41	78.44	63.94	59.41
80.0	97.41	95.91	98.23	99.04	101.5	84.59	53.56	33.56	22.13	15.92
82.5	78.27	77.51	74.20	49.44	30.73	11.61	0	0	0	0
85.0	52.47	23.62	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	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
2.5	1927	1926	1926	1926	1926	1926	1926	1926	1926	1927
5.0	1912	1912	1912	1911	1911	1911	1911	1911	1911	1912
7.5	1897	1897	1897	1897	1896	1896	1896	1896	1896	1896
10.0	1881	1882	1882	1882	1882	1882	1881	1881	1880	1880
12.5	1865	1866	1867	1867	1867	1867	1866	1865	1864	1862
15.0	1849	1851	1852	1852	1852	1852	1851	1849	1847	1844
17.5	1812	1809	1807	1806	1805	1805	1806	1808	1810	1813
20.0	1763	1761	1760	1759	1759	1758	1759	1760	1761	1763
22.5	1713	1713	1712	1712	1712	1711	1711	1711	1711	1711
25.0	1662	1664	1664	1665	1665	1664	1663	1662	1660	1658
27.5	1610	1614	1616	1618	1618	1617	1615	1612	1608	1602
30.0	1556	1563	1568	1570	1571	1570	1567	1562	1555	1545
32.5	1474	1464	1454	1447	1445	1446	1453	1462	1473	1485
35.0	1347	1338	1329	1321	1319	1320	1327	1336	1345	1355
37.5	1218	1212	1203	1196	1193	1194	1201	1209	1217	1222
40.0	1089	1085	1078	1070	1066	1068	1076	1083	1088	1089
42.5	960.3	959.3	952.9	944.0	940.4	941.4	950.0	956.2	958.7	955.1
45.0	831.4	832.8	827.7	818.3	814.3	815.3	824.6	829.2	828.5	821.9
47.5	714.9	736.3	746.5	750.7	752.8	745.0	741.1	731.7	710.7	690.4
50.0	632.0	658.1	674.1	685.2	691.4	676.6	666.2	652.7	626.3	601.4
52.5	548.9	579.8	601.2	619.3	630.0	607.7	590.9	573.4	542.4	520.0
55.0	466.5	501.1	527.8	552.8	568.5	538.2	515.2	493.3	459.1	440.1
57.5	385.0	422.1	454.0	485.9	507.1	468.4	439.2	412.8	376.7	361.8
60.0	304.3	342.9	380.0	418.7	445.6	398.1	363.2	332.2	295.5	285.2
62.5	243.7	292.6	336.7	373.4	397.1	355.8	321.6	282.0	235.0	212.5
65.0	213.5	258.2	299.4	329.5	348.6	315.1	286.6	248.6	205.8	187.2
67.5	184.7	224.8	262.6	286.0	300.1	274.8	252.0	216.1	177.9	162.1
70.0	156.6	192.2	226.3	242.9	251.7	235.0	217.7	184.4	150.7	137.3

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-10-09

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-P195K3NU(S)

Photometric Data Table [cd]

72.5	129.1	160.4	190.4	200.1	203.2	195.5	183.8	153.5	124.1	112.6
75.0	102.4	129.3	154.9	157.6	154.7	156.3	150.1	123.2	98.20	88.11
77.5	60.77	71.57	81.41	79.82	77.33	79.15	78.88	68.11	58.15	56.01
80.0	11.56	8.373	4.570	1.173	0	1.163	4.426	7.968	11.06	15.02
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	1940	1940	1940	1940	1940	1940	1940	1940	1940	1940
2.5	1927	1927	1928	1929	1929	1930	1931	1932	1933	1934
5.0	1912	1913	1914	1914	1915	1917	1918	1919	1921	1923
7.5	1896	1897	1897	1897	1898	1899	1901	1902	1904	1907
10.0	1879	1878	1878	1878	1878	1879	1880	1881	1883	1886
12.5	1861	1859	1858	1856	1855	1855	1855	1856	1858	1861
15.0	1841	1838	1835	1832	1830	1828	1827	1827	1828	1830
17.5	1817	1816	1811	1807	1802	1799	1796	1795	1795	1796
20.0	1766	1771	1777	1779	1772	1766	1762	1758	1757	1758
22.5	1712	1715	1720	1728	1739	1731	1723	1718	1715	1715
25.0	1656	1656	1658	1663	1674	1691	1680	1671	1666	1665
27.5	1597	1592	1588	1589	1597	1613	1629	1616	1607	1603
30.0	1534	1522	1511	1505	1507	1520	1543	1546	1530	1523
32.5	1467	1445	1425	1410	1404	1411	1427	1452	1429	1420
35.0	1362	1361	1328	1302	1288	1287	1295	1312	1311	1298
37.5	1224	1224	1215	1183	1161	1154	1158	1169	1179	1159
40.0	1088	1086	1074	1053	1031	1023	1026	1030	1029	1012
42.5	954.4	952.6	940.6	923.3	905.7	902.0	906.5	902.9	892.0	875.5
45.0	824.1	824.9	817.3	808.4	800.0	797.5	803.7	795.6	780.2	763.8
47.5	698.2	704.3	706.2	709.2	710.5	716.0	721.0	709.7	690.2	669.1
50.0	591.3	592.1	608.0	624.1	633.9	642.3	651.8	640.7	613.8	584.3
52.5	512.9	509.7	522.7	549.7	564.0	575.3	585.4	580.7	543.3	502.2
55.0	436.9	438.6	456.4	482.6	500.0	514.2	524.8	518.6	474.0	421.1
57.5	363.5	369.9	390.9	417.3	441.0	459.4	471.3	455.5	406.7	349.3
60.0	292.4	302.9	325.7	354.8	384.4	412.5	425.7	397.2	345.4	288.0
62.5	223.2	236.6	261.6	296.4	332.6	365.9	386.2	342.8	288.7	237.7
65.0	182.2	176.0	199.3	242.2	284.3	319.3	335.8	293.6	241.8	196.7
67.5	157.7	154.3	162.3	191.9	237.7	272.3	277.7	249.6	206.3	165.1
70.0	133.8	133.9	145.2	172.2	195.1	225.3	223.4	202.0	182.3	143.5
72.5	110.6	114.3	128.2	154.9	172.7	184.4	176.0	163.8	157.7	129.5
75.0	87.93	95.35	110.9	136.2	148.4	153.1	139.5	132.9	131.6	121.2
77.5	61.73	76.72	93.08	116.2	122.4	121.9	113.3	109.2	110.9	105.3
80.0	21.39	32.82	51.70	81.41	94.94	92.06	90.56	89.80	92.70	90.43
82.5	0	0	0	11.15	28.64	45.34	67.35	71.41	72.85	72.77
85.0	0	0	0	0	0	0	0	21.55	47.19	49.07
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	1940	1940								
2.5	1935	1936								
5.0	1925	1928								
7.5	1910	1913								
10.0	1889	1893								
12.5	1864	1869								
15.0	1834	1839								
17.5	1800	1805								
20.0	1761	1767								
22.5	1718	1725								
25.0	1668	1677								
27.5	1607	1617								
30.0	1526	1541								
32.5	1425	1443								
35.0	1300	1318								
37.5	1155	1169								
40.0	1001	1007								
42.5	857.4	853.5								
45.0	741.7	732.8								
47.5	643.2	628.1								
50.0	554.2	532.9								
52.5	463.6	436.1								
55.0	378.4	346.5								
57.5	303.9	272.0								
60.0	243.7	216.4								
62.5	196.4	174.8								

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018-10-09

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-P195K3NU(S)

Photometric Data Table [cd]

65.0	159.7	140.9
67.5	131.3	112.0
70.0	110.1	90.46
72.5	96.94	78.27
75.0	91.04	73.62
77.5	86.52	70.12
80.0	79.99	64.60
82.5	64.05	52.84
85.0	44.91	33.32
87.5	19.07	11.84
90.0	0	0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-10-09

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-P195K3NU(S)