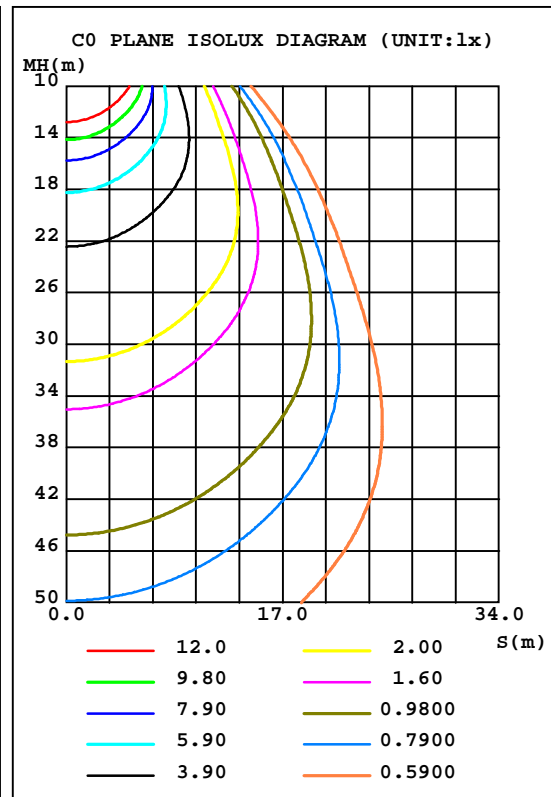
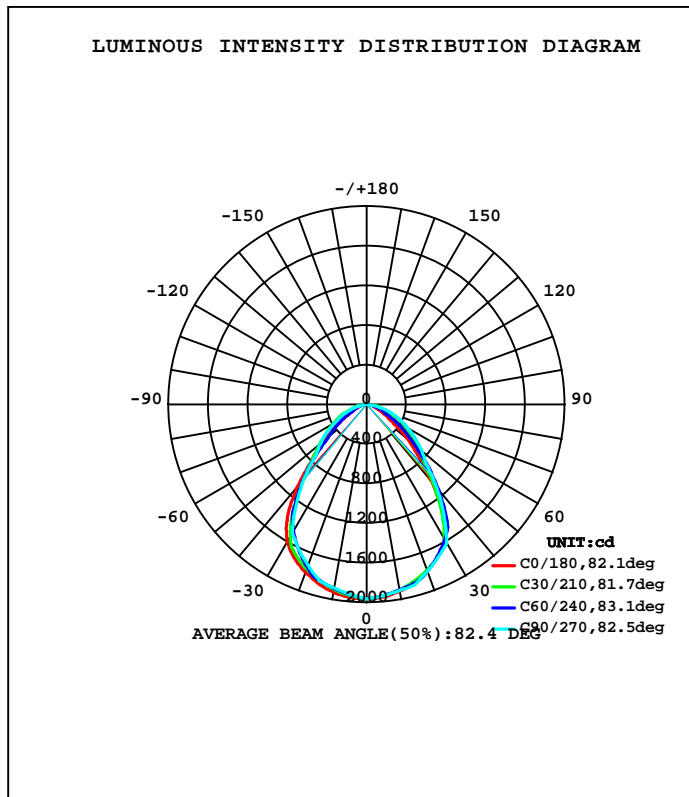


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 119.03 lm/W			
MODEL	IL-P195K4NU(S)	I _{max} (cd)	1965	S/MH(C0/180)	1.19
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3698.3	h UP, DN(C0-180)	0.0, 52.1
NOMINAL FLUX(lm)	3698.31	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.0, 47.9
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



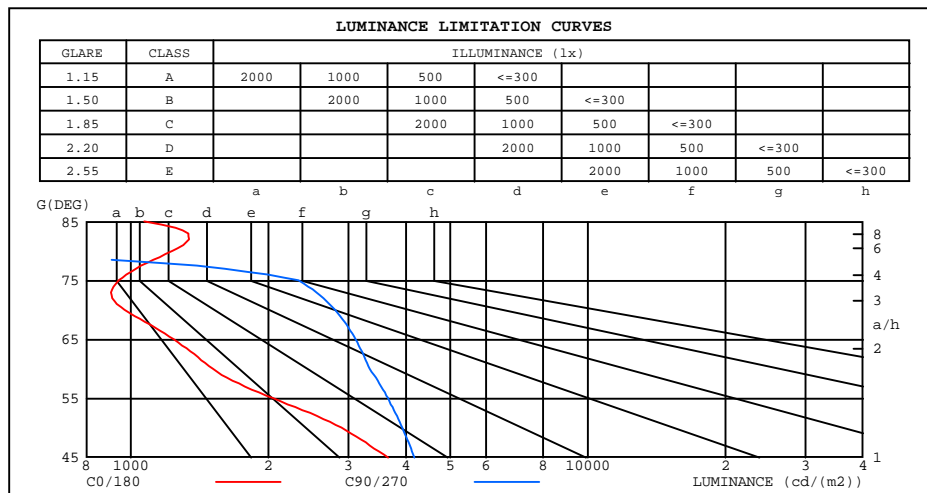
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-09

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-P195K4NU(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	1952	1939	1938	1942	1956	1933	1925	1930	0- 5	46.57	46.57	1.26,1.26
10	1918	1903	1911	1909	1926	1891	1885	1884	5- 10	137.3	183.8	4.97,4.97
15	1863	1857	1884	1867	1876	1839	1845	1829	10- 15	222.7	406.5	11,11
20	1791	1803	1796	1817	1806	1779	1732	1765	15- 20	299.4	705.9	19.1,19.1
25	1701	1692	1708	1710	1720	1647	1620	1626	20- 25	362.1	1068	28.9,28.9
30	1572	1541	1619	1567	1601	1468	1507	1438	25- 30	407.4	1475	39.9,39.9
35	1348	1344	1363	1380	1397	1247	1246	1207	30- 35	422.8	1898	51.3,51.3
40	1026	1092	1106	1136	1084	982.6	984.9	946.8	35- 40	394.1	2292	62,62
45	744.0	844.9	849.6	875.3	774.3	733.1	723.7	715.1	40- 45	337.2	2630	71.1,71.1
50	533.8	659.1	726.2	677.7	561.9	547.4	605.6	540.1	45- 50	279.5	2909	78.7,78.7
55	338.0	512.3	602.8	528.1	362.9	409.7	487.4	400.0	50- 55	230.8	3140	84.9,84.9
60	217.4	381.3	479.5	387.9	221.9	304.6	369.2	297.0	55- 60	181.2	3321	89.8,89.8
65	150.9	268.0	377.4	264.9	152.1	210.2	281.3	209.2	60- 65	136.0	3457	93.5,93.5
70	95.45	192.3	275.4	185.7	96.57	154.6	193.4	158.2	65- 70	102.3	3559	96.2,96.2
75	70.11	149.0	173.4	143.4	69.03	125.2	105.6	126.3	70- 75	74.70	3634	98.3,98.3
80	61.58	88.39	0	84.38	60.30	73.19	0	72.59	75- 80	46.47	3680	99.5,99.5
85	26.84	0	0	0	30.71	0	0	0	80- 85	16.00	3696	100,100
90	0.1653	0	0	0	0.2394	0	0	0	85- 90	1.836	3698	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	1071	0
80	1234	0
75	942	2331
70	971	2801
65	1242	3107
60	1512	3335
55	2050	3656
50	2888	3930
45	3660	4179

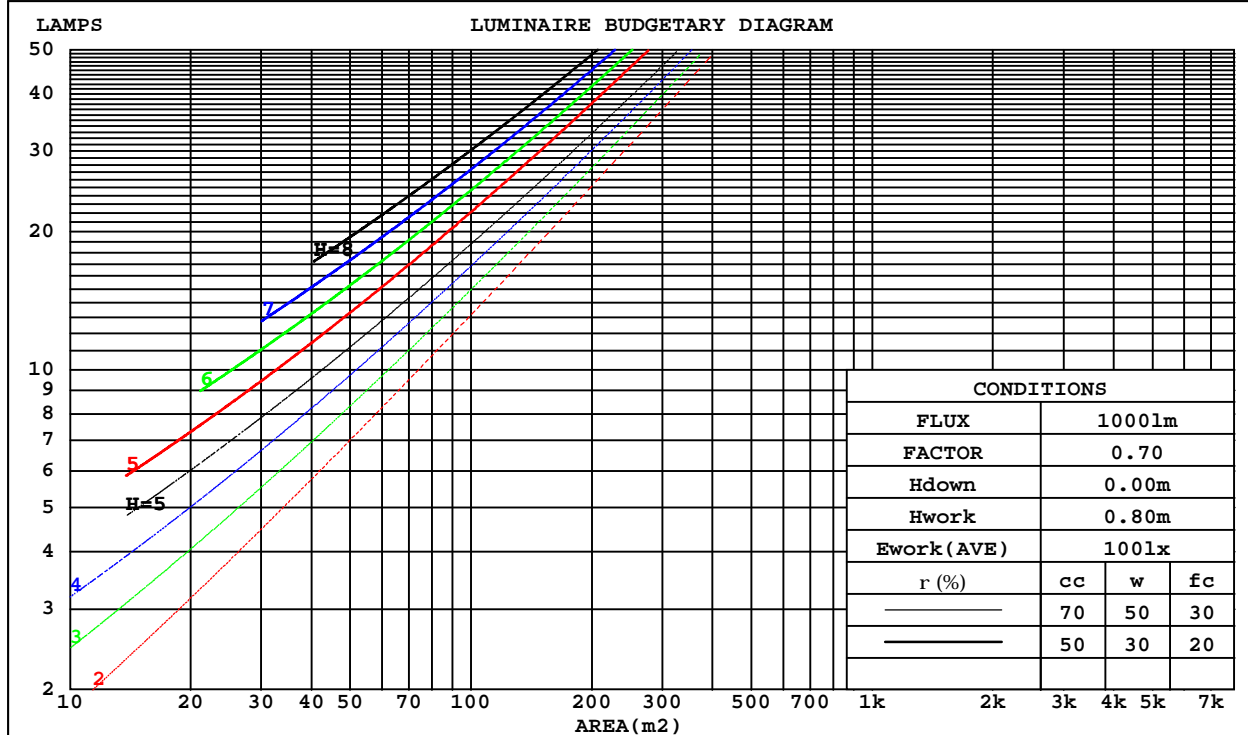
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-10-09

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-P195K4NU(S)

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(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	.82	.87	.84	.81	.84	.82	.79	.77
3.0	.86	.79	.74	.85	.78	.73	.82	.76	.72	.79	.74	.71	.77	.73	.69	.67
4.0	.78	.70	.64	.76	.69	.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	.64	.57	.51	.64	.56	.51	.62	.55	.50	.60	.54	.50	.59	.54	.49	.48
7.0	.59	.51	.46	.58	.51	.46	.57	.50	.45	.56	.50	.45	.54	.49	.45	.43
8.0	.54	.47	.41	.54	.46	.41	.53	.46	.41	.51	.45	.41	.50	.45	.41	.39
9.0	.50	.43	.38	.50	.43	.38	.49	.42	.38	.48	.42	.37	.47	.41	.37	.36
10.0	.47	.40	.35	.46	.39	.35	.45	.39	.35	.44	.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-P195K4NU(S)

WEC AND CCEC

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(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	.142	.045	.242	.138	.044	.229	.132	.042	.217	.125	.040	.206	.120	.039	
2.0	.240	.132	.040	.234	.129	.040	.223	.124	.039	.213	.119	.037	.203	.115	.036	
3.0	.227	.121	.036	.222	.119	.036	.212	.115	.035	.203	.111	.034	.194	.108	.033	
4.0	.213	.111	.033	.209	.109	.032	.200	.106	.032	.192	.103	.031	.184	.100	.031	
5.0	.200	.102	.030	.196	.101	.029	.188	.098	.029	.181	.096	.028	.175	.093	.028	
6.0	.188	.094	.027	.184	.093	.027	.178	.091	.026	.171	.089	.026	.165	.087	.026	
7.0	.177	.087	.025	.174	.087	.025	.168	.085	.024	.162	.083	.024	.157	.081	.024	
8.0	.167	.082	.023	.164	.081	.023	.159	.079	.023	.153	.078	.022	.149	.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	.139	.069	.020	.135	.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	.051	.035	.023	.016	.012	.008	
5.0	.140	.089	.052	.121	.077	.045	.083	.054	.032	.048	.032	.019	.016	.010	.006	
6.0	.134	.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	.055	.024	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.095	.051	.021	.066	.036	.015	.039	.021	.009	.013	.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-P195K4NU(S)

UGR(Unified Glare Rating) Table

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm										
NAME: IL-P195K4NU(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	15.6	16.9	15.9	17.1	17.3	16.4	17.7	16.6	17.9	18.1
3H	16.1	17.3	16.3	17.5	17.7	17.4	18.6	17.7	18.8	19.0
4H	16.2	17.4	16.5	17.6	17.8	17.8	19.0	18.1	19.2	19.4
6H	16.4	17.5	16.7	17.7	18.0	17.9	18.9	18.2	19.2	19.5
8H	16.5	17.5	16.8	17.8	18.1	17.8	18.8	18.1	19.1	19.4
12H	16.5	17.5	16.9	17.8	18.1	17.8	18.7	18.1	19.0	19.3
4H 2H	16.1	17.2	16.4	17.5	17.7	16.6	17.8	16.9	18.0	18.2
3H	16.9	17.9	17.3	18.2	18.5	17.7	18.7	18.0	18.9	19.2
4H	17.3	18.2	17.7	18.5	18.8	18.1	19.0	18.5	19.3	19.7
6H	17.7	18.5	18.1	18.8	19.2	18.2	19.0	18.6	19.3	19.7
8H	17.9	18.6	18.3	19.0	19.3	18.1	18.9	18.5	19.2	19.6
12H	18.0	18.7	18.4	19.0	19.4	18.1	18.8	18.5	19.1	19.5
8H 4H	17.5	18.3	17.9	18.6	19.0	18.3	19.0	18.7	19.4	19.8
6H	18.2	18.8	18.6	19.2	19.6	18.3	19.0	18.8	19.4	19.8
8H	18.5	19.0	18.9	19.4	19.9	18.3	18.8	18.8	19.3	19.7
12H	18.8	19.2	19.2	19.7	20.1	18.3	18.7	18.7	19.2	19.6
12H 4H	17.5	18.2	17.9	18.6	19.0	18.3	19.0	18.7	19.3	19.7
6H	18.1	18.7	18.6	19.1	19.5	18.4	18.9	18.8	19.3	19.8
8H	18.5	18.9	19.0	19.4	19.9	18.3	18.8	18.8	19.2	19.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.7					+ 0.5 / - 0.6				
2.0H	+ 0.7 / - 1.8					+ 1.2 / - 2.2				

CIE Pub.117 Corrected 3698 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-P195K4NU(S)

UTILIZATION FACTORS TABLE

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(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	76	67	62	75	67	61	55
1.00	85	76	70	84	75	70	82	76	69	63
1.25	91	83	77	90	82	77	87	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	93	86
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	108	104	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-P195K4NU(S)

ISOCANDELA DIAGRAM

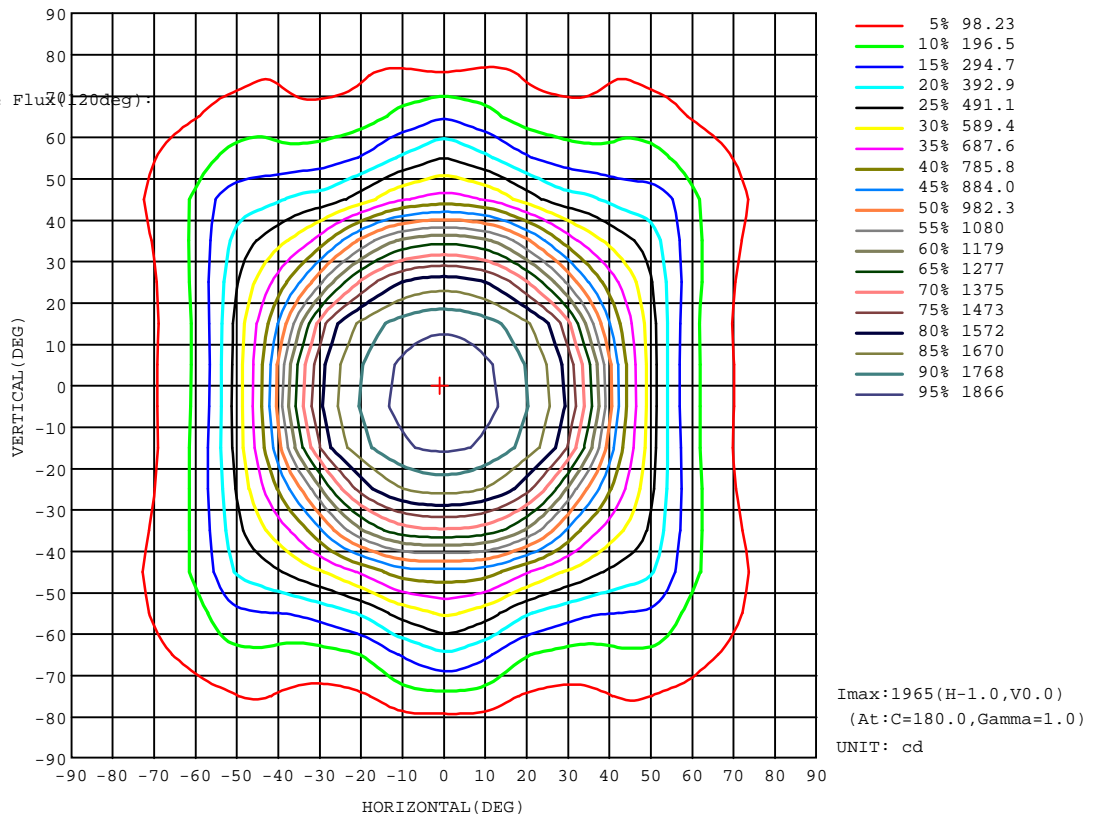
Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

Conical surface Flux(90deg):

2629.5 lm
%lum = 71.1%
%lamp = 71.1%

Conical surface Flux(20deg):

3321 lm
%lum = 89.8%
%lamp = 89.8%



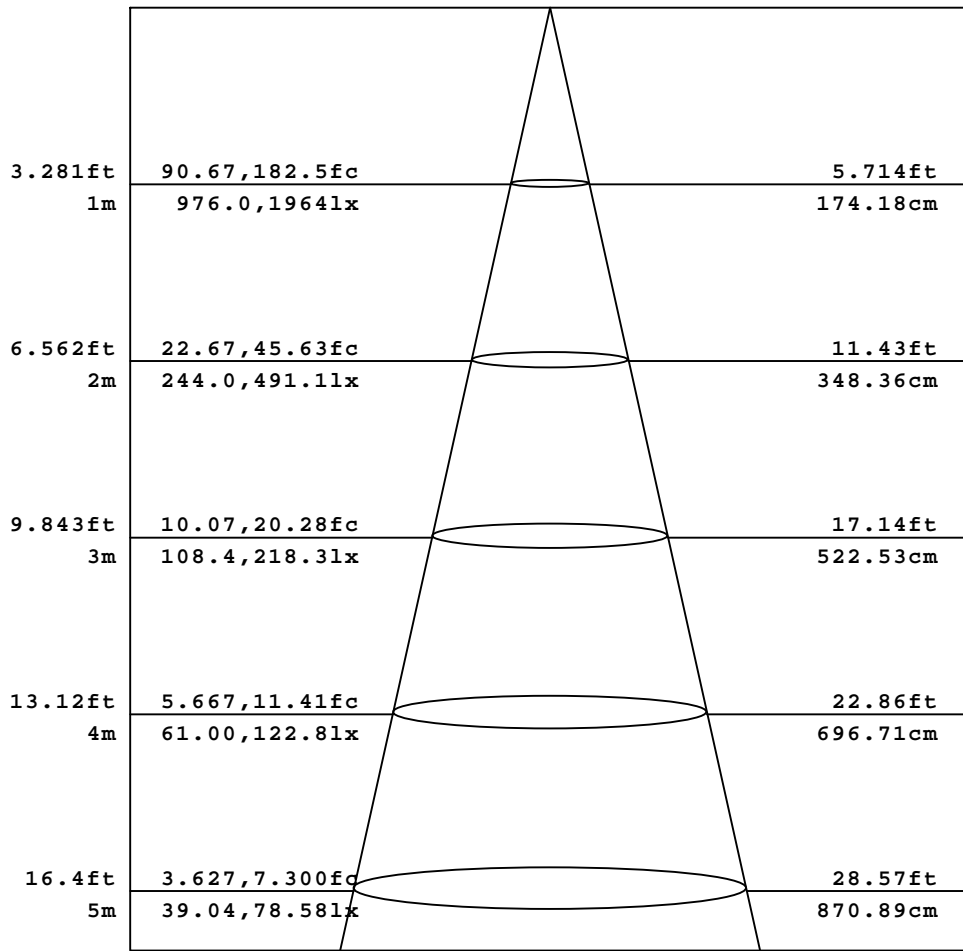
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-10-09

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-P195K4NU(S)

AAI Figure

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:

Flux out:2400 lm



Height Eavg, Emax Angle:82.10deg Diameter

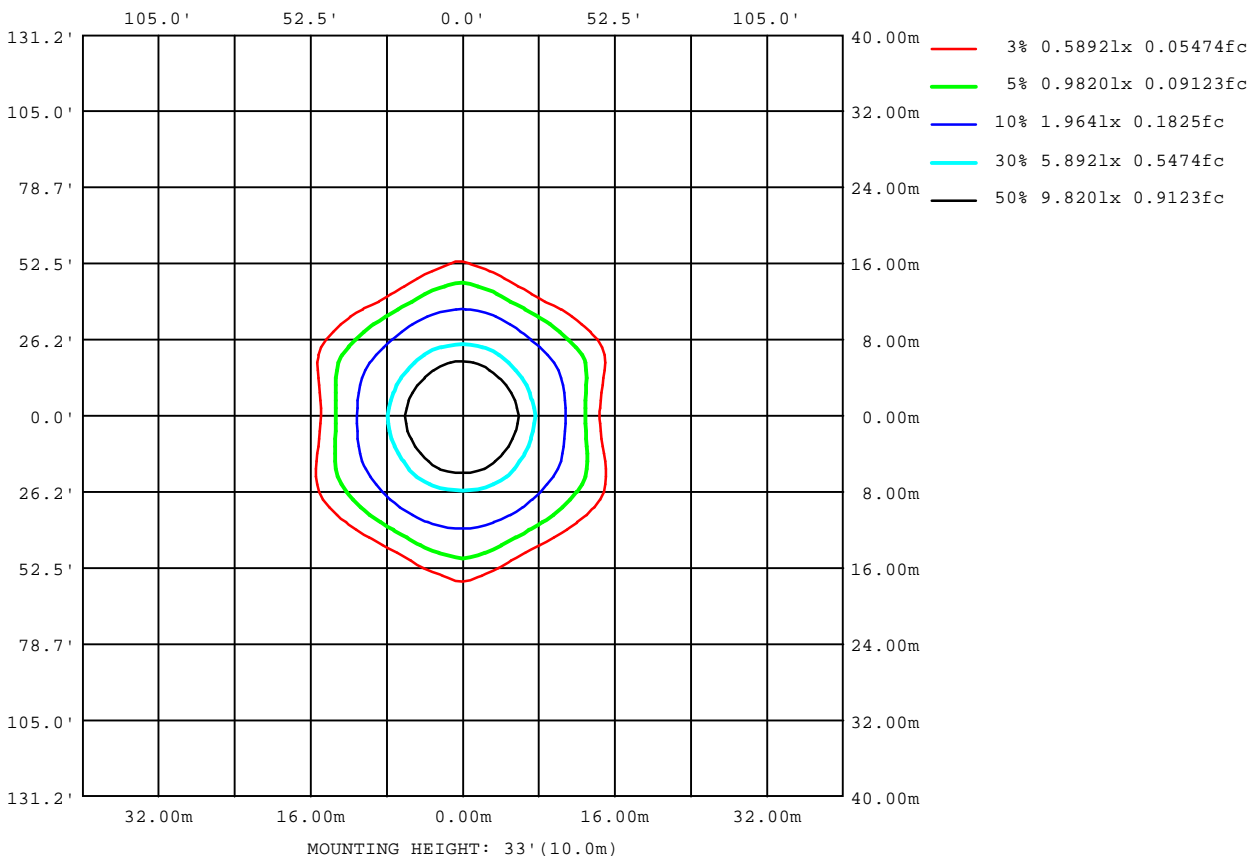
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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-P195K4NU(S)

ISOLUX DIAGRAM

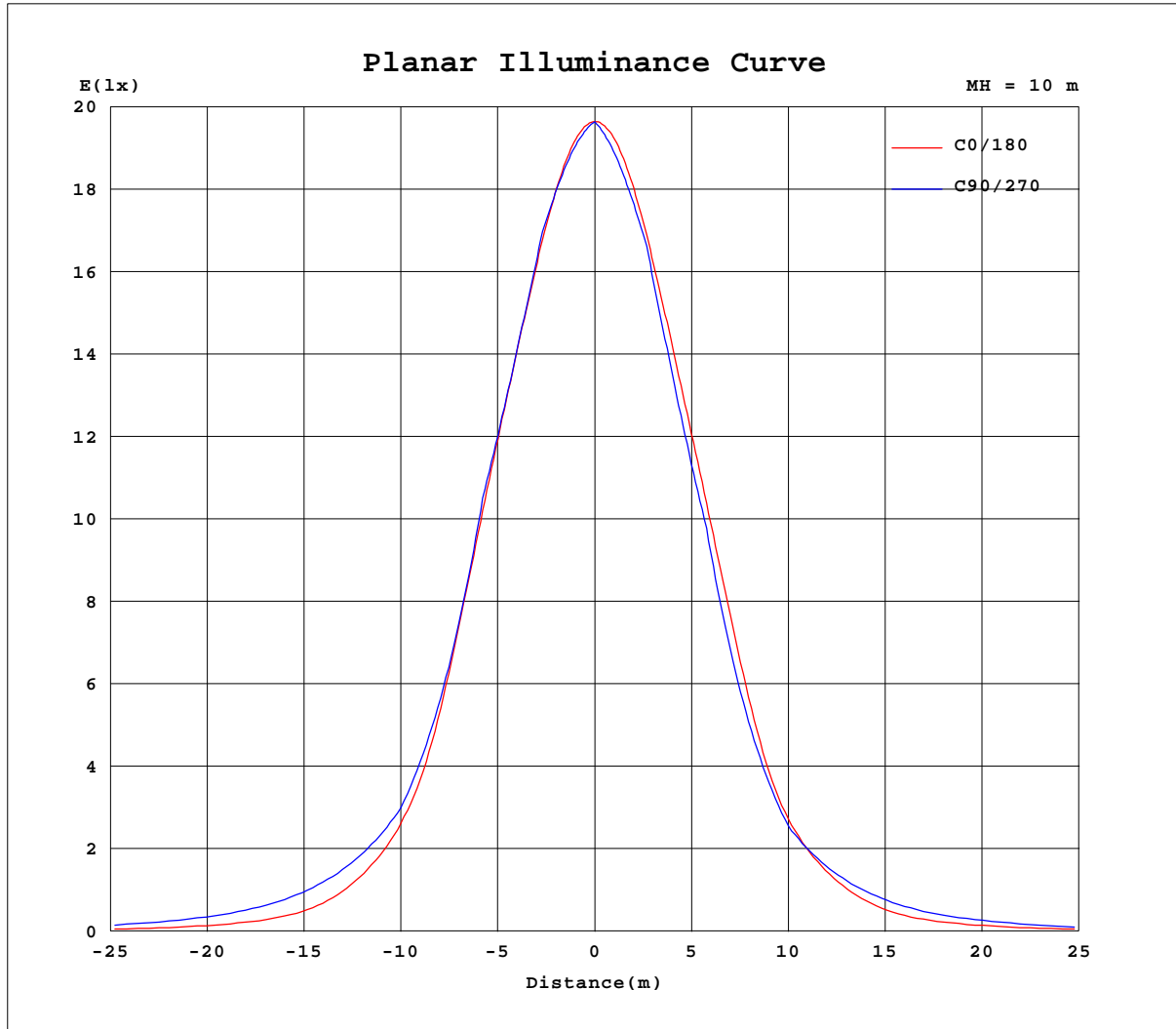
Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	PROTECTION ANGLE:



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-P195K4NU(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-P195K4NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(S)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:250*1150	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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
5	1952	1950	1948	1946	1944	1943	1941	1940	1940	1939	1938	1938	1938	1937	1937	1937	1937	1937	1938
10	1918	1913	1910	1907	1905	1904	1903	1902	1902	1903	1903	1904	1905	1906	1908	1909	1909	1910	1911
15	1863	1857	1853	1850	1849	1848	1849	1851	1854	1857	1861	1865	1868	1872	1876	1879	1881	1883	1884
20	1791	1783	1778	1776	1776	1778	1782	1788	1795	1803	1804	1799	1796	1795	1794	1794	1794	1795	1796
25	1701	1690	1683	1681	1684	1691	1700	1713	1699	1692	1689	1690	1692	1696	1700	1703	1705	1706	1708
30	1572	1551	1540	1540	1550	1568	1566	1547	1539	1541	1550	1563	1577	1590	1601	1609	1615	1618	1619
35	1348	1320	1309	1313	1332	1338	1322	1316	1322	1344	1375	1411	1410	1401	1392	1383	1373	1365	1363
40	1026	1007	1007	1026	1051	1053	1051	1050	1062	1092	1120	1134	1135	1132	1130	1127	1120	1109	1106
45	744	738	750	774	795	815	827	823	829	845	860	870	869	863	866	870	867	854	850
50	534	539	562	595	627	658	673	666	660	659	653	638	633	641	663	692	710	720	726
55	338	352	385	432	488	536	547	538	525	512	496	479	474	477	495	532	561	586	603
60	217	228	254	300	360	412	446	440	410	381	355	335	322	317	329	370	410	450	479
65	151	152	172	211	254	306	349	341	306	268	226	200	204	211	230	276	322	356	377
70	95.4	97.5	118	153	192	214	238	244	212	192	166	150	147	151	164	199	240	264	275
75	70.1	76.7	94.6	126	139	144	155	167	162	149	124	103	93.4	93.0	101	125	161	173	173
80	61.6	65.4	81.4	95.4	99.0	98.5	101	102	104	88.4	56.2	34.6	22.1	15.6	11.2	8.01	4.72	1.28	0.00
85	26.8	30.9	48.1	54.5	52.8	24.0	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	0.17	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-P195K4NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
5	1938	1938	1938	1939	1939	1940	1940	1941	1942	1943	1944	1945	1947	1948	1950	1952	1954	1956	1953
10	1911	1911	1911	1911	1911	1910	1910	1910	1909	1909	1910	1911	1912	1913	1916	1919	1922	1926	1920
15	1884	1884	1883	1881	1879	1876	1873	1870	1867	1865	1863	1861	1861	1861	1863	1865	1870	1876	1866
20	1797	1798	1799	1801	1803	1807	1811	1817	1817	1810	1804	1799	1795	1793	1792	1794	1799	1806	1794
25	1708	1709	1709	1708	1707	1706	1705	1706	1710	1720	1734	1722	1713	1707	1704	1705	1710	1720	1703
30	1620	1620	1617	1612	1604	1594	1584	1574	1567	1567	1577	1599	1603	1587	1577	1575	1584	1601	1572
35	1367	1378	1391	1405	1419	1433	1439	1407	1380	1363	1359	1368	1389	1387	1367	1362	1371	1397	1353
40	1112	1125	1138	1147	1154	1159	1163	1157	1136	1104	1090	1092	1103	1113	1090	1068	1065	1084	1048
45	856	872	884	887	885	891	897	891	875	855	841	851	849	836	821	789	773	774	763
50	720	713	704	682	658	651	656	670	678	676	678	682	673	649	621	590	567	562	564
55	584	560	541	509	487	485	489	506	528	539	549	554	545	503	454	411	377	363	374
60	446	405	376	337	320	327	339	361	388	418	446	453	424	372	313	268	237	222	231
65	353	319	283	236	210	204	199	222	265	308	342	361	320	262	213	176	156	152	153
70	263	241	206	168	151	147	148	159	186	209	243	248	222	196	154	119	99.7	96.6	98.3
75	174	164	132	104	92.3	91.7	100	117	143	160	168	159	148	142	128	94.2	76.3	69.0	73.8
80	1.29	4.82	8.49	11.5	15.3	21.5	33.0	52.3	84.4	105	101	100	98.8	100	95.9	82.4	65.2	60.3	63.9
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	23.3	51.8	53.9	49.0	34.2	30.7	35.5
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	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-P195K4NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
5	1950	1947	1944	1941	1939	1937	1935	1933	1931	1930	1929	1928	1927	1926	1925	1925	1925	1924	1925
10	1914	1909	1904	1901	1897	1895	1892	1891	1889	1888	1888	1887	1886	1886	1886	1885	1885	1884	1884
15	1858	1852	1847	1843	1841	1839	1839	1839	1840	1841	1842	1843	1844	1845	1845	1846	1845	1844	1843
20	1785	1778	1773	1771	1771	1773	1775	1779	1773	1762	1753	1747	1742	1738	1736	1734	1732	1732	1732
25	1691	1684	1681	1682	1686	1693	1666	1647	1634	1628	1625	1623	1623	1622	1622	1621	1620	1619	1617
30	1553	1545	1547	1558	1544	1507	1482	1468	1465	1470	1480	1490	1498	1504	1507	1508	1507	1505	1500
35	1327	1317	1324	1317	1286	1262	1247	1247	1258	1283	1283	1280	1272	1262	1253	1248	1246	1246	1248
40	1032	1031	1036	1019	999	982	974	983	994	999	999	1000	1000	994	987	985	985	984	983
45	768	785	783	781	769	743	735	733	733	732	726	723	727	725	721	722	724	721	719
50	583	606	617	624	616	593	570	547	519	493	491	506	534	559	574	594	606	591	571
55	406	444	484	507	490	464	439	410	379	361	360	367	388	416	438	469	487	462	434
60	258	307	360	391	391	359	331	305	275	251	241	236	246	274	301	342	369	332	296
65	173	216	263	309	312	283	253	210	170	149	151	156	176	208	234	262	281	257	232
70	117	154	195	213	215	202	182	155	126	115	113	118	136	162	175	185	193	184	176
75	90.9	127	132	125	125	134	132	125	100	83.5	76.9	80.1	98.8	119	119	109	106	113	123
80	79.5	87.8	85.4	81.0	80.4	79.2	79.2	73.2	49.0	29.4	19.1	14.0	11.4	7.87	3.52	0.81	0.00	0.84	3.64
85	44.4	45.5	41.3	19.0	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-P195K4NU(S)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.8V I:0.1382A P:31.07W PF:0.9786 Lamp Flux:3698.31x1 lm		
NAME: IL-P195K4NU(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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964				
5	1925	1925	1926	1926	1927	1928	1930	1931	1933	1935	1937	1940	1942	1945	1949				
10	1884	1883	1883	1883	1883	1883	1884	1885	1887	1889	1892	1896	1900	1905	1911				
15	1841	1839	1837	1834	1832	1830	1829	1828	1828	1829	1831	1835	1840	1846	1854				
20	1733	1734	1738	1743	1750	1761	1765	1761	1757	1755	1755	1757	1761	1768	1778				
25	1615	1613	1610	1609	1610	1615	1626	1645	1672	1663	1658	1656	1660	1668	1682				
30	1494	1484	1471	1456	1443	1436	1438	1450	1473	1506	1516	1505	1504	1515	1538				
35	1252	1257	1257	1254	1246	1220	1207	1208	1220	1240	1261	1263	1259	1272	1302				
40	986	986	979	973	967	958	947	943	953	965	973	980	977	979	994				
45	720	715	707	708	709	710	715	725	737	756	761	757	753	738	734				
50	552	523	497	480	481	509	540	563	588	615	619	606	586	558	537				
55	408	378	361	355	356	375	400	426	454	486	508	476	427	384	351				
60	263	239	235	241	251	272	297	319	345	385	386	353	297	250	225				
65	201	171	157	154	151	171	209	248	276	303	297	254	213	171	151				
70	158	132	118	116	117	130	158	180	194	204	202	190	152	117	97.1				
75	119	94.1	80.0	78.9	87.1	105	126	130	127	117	119	128	125	93.5	76.3				
80	7.86	10.8	13.9	19.7	31.2	52.1	72.6	79.7	80.1	78.7	77.8	81.7	85.1	80.1	65.4				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.8	40.1	43.5	41.6	32.2				
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-P195K4NU(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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
2.5	1961	1960	1959	1958	1957	1956	1955	1954	1954	1953
5.0	1952	1950	1948	1946	1944	1943	1941	1940	1940	1939
7.5	1938	1934	1931	1929	1927	1925	1924	1923	1922	1922
10.0	1918	1913	1910	1907	1905	1904	1903	1902	1902	1903
12.5	1893	1887	1883	1880	1878	1878	1877	1878	1879	1881
15.0	1863	1857	1853	1850	1849	1848	1849	1851	1854	1857
17.5	1829	1822	1817	1815	1814	1815	1817	1821	1826	1831
20.0	1791	1783	1778	1776	1776	1778	1782	1788	1795	1803
22.5	1749	1740	1734	1732	1733	1737	1744	1752	1763	1754
25.0	1701	1690	1683	1681	1684	1691	1700	1713	1699	1692
27.5	1644	1629	1621	1620	1625	1636	1650	1637	1625	1621
30.0	1572	1551	1540	1540	1550	1568	1566	1547	1539	1541
32.5	1474	1449	1436	1437	1451	1476	1453	1439	1438	1449
35.0	1348	1320	1309	1313	1332	1338	1322	1316	1322	1344
37.5	1196	1170	1163	1174	1201	1193	1184	1183	1195	1225
40.0	1026	1007	1007	1026	1051	1053	1051	1050	1062	1092
42.5	868.5	857.1	864.4	887.1	910.1	925.0	930.6	927.9	935.0	960.4
45.0	744.0	738.3	749.6	774.1	794.8	814.9	827.4	823.3	829.1	844.9
47.5	634.2	634.4	651.1	679.0	703.9	727.3	742.6	741.1	739.0	745.6
50.0	533.8	539.0	562.0	594.9	627.4	657.6	672.6	665.9	660.5	659.1
52.5	431.8	441.7	471.9	513.3	557.4	598.0	606.1	598.7	589.9	582.3
55.0	338.0	351.9	385.2	432.0	488.4	536.2	546.6	538.1	525.3	512.3
57.5	266.4	280.2	312.1	359.6	421.6	471.5	494.4	485.2	466.8	444.5
60.0	217.4	227.6	254.4	299.8	359.8	411.8	446.1	440.5	409.8	381.3
62.5	182.7	187.1	209.0	251.0	302.0	356.2	400.3	391.4	356.8	322.7
65.0	150.9	152.4	172.3	211.3	254.3	306.2	348.8	341.1	306.2	268.0
67.5	121.4	122.1	142.2	178.0	217.5	261.4	291.3	291.8	256.7	216.4
70.0	95.45	97.47	117.9	153.2	191.8	213.7	238.0	243.8	211.7	192.3
72.5	78.63	82.34	101.7	136.3	166.3	175.5	191.7	201.9	187.8	170.9
75.0	70.11	76.69	94.62	125.9	139.1	144.3	154.7	167.3	162.0	149.0
77.5	65.65	72.47	89.18	109.7	117.6	119.3	126.2	133.4	133.7	126.4
80.0	61.58	65.38	81.38	95.38	98.98	98.51	101.2	101.6	103.6	88.39
82.5	50.28	51.84	66.31	78.11	79.15	79.13	75.82	50.30	31.28	12.11
85.0	26.84	30.88	48.12	54.54	52.80	24.04	0	0	0	0
87.5	3.879	12.87	21.85	0	0	0	0	0	0	0
90.0	0.1653	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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
2.5	1952	1952	1952	1951	1951	1951	1951	1951	1951	1951
5.0	1938	1938	1938	1937	1937	1937	1937	1937	1938	1938
7.5	1922	1922	1922	1922	1923	1923	1923	1924	1924	1924
10.0	1903	1904	1905	1906	1908	1909	1909	1910	1911	1911
12.5	1883	1885	1887	1890	1892	1894	1895	1897	1897	1898
15.0	1861	1865	1868	1872	1876	1879	1881	1883	1884	1884
17.5	1837	1843	1845	1842	1841	1839	1839	1839	1840	1841
20.0	1804	1799	1796	1795	1794	1794	1794	1795	1796	1797
22.5	1749	1746	1746	1746	1747	1749	1750	1751	1752	1753
25.0	1689	1690	1692	1696	1700	1703	1705	1706	1708	1708
27.5	1623	1629	1636	1644	1651	1656	1660	1662	1664	1664
30.0	1550	1563	1577	1590	1601	1609	1615	1618	1619	1620
32.5	1468	1491	1514	1534	1521	1510	1500	1493	1491	1495
35.0	1375	1411	1410	1401	1392	1383	1373	1365	1363	1367
37.5	1264	1273	1272	1267	1261	1255	1246	1237	1235	1239
40.0	1120	1134	1135	1132	1130	1127	1120	1109	1106	1112
42.5	984.5	999.2	1001	997.3	998.2	998.6	993.0	981.5	977.9	983.9
45.0	860.2	870.0	869.0	863.4	865.8	869.6	866.7	853.8	849.6	856.2
47.5	749.5	749.1	742.0	731.4	746.9	771.0	784.2	785.6	787.9	787.0
50.0	652.8	637.5	633.5	641.4	662.7	691.6	710.4	719.5	726.2	719.9
52.5	568.4	553.5	552.5	558.5	578.4	611.8	636.0	653.0	664.5	652.1
55.0	496.1	479.0	473.7	476.6	494.6	531.5	560.9	585.9	602.8	583.9
57.5	424.7	406.3	397.2	395.9	411.4	450.8	485.4	518.3	541.2	515.1
60.0	355.4	334.8	322.4	316.7	328.8	370.1	409.7	450.3	479.5	445.9
62.5	289.1	264.1	249.3	241.0	265.0	315.7	362.8	402.4	428.5	398.7
65.0	226.0	199.7	204.0	210.6	230.2	275.8	321.6	355.8	377.4	352.9
67.5	186.9	174.1	175.3	180.6	196.8	236.9	280.8	309.5	326.4	307.5
70.0	165.9	149.8	147.4	151.1	164.3	198.9	240.4	263.6	275.4	262.6
72.5	144.9	126.3	120.1	121.9	132.5	161.7	200.4	218.1	224.4	218.0
75.0	123.6	103.4	93.38	93.05	101.4	125.2	160.7	172.7	173.4	173.7
77.5	101.9	80.82	63.73	57.98	59.10	68.56	84.20	87.44	86.71	87.94
80.0	56.20	34.59	22.08	15.55	11.24	8.013	4.721	1.285	0	1.292
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-P195K4NU(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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
2.5	1951	1952	1952	1952	1953	1953	1954	1954	1955	1956
5.0	1938	1938	1939	1939	1940	1940	1941	1942	1943	1944
7.5	1925	1925	1925	1925	1926	1926	1926	1927	1928	1929
10.0	1911	1911	1911	1911	1910	1910	1910	1909	1909	1910
12.5	1897	1897	1896	1895	1894	1892	1891	1890	1888	1888
15.0	1884	1883	1881	1879	1876	1873	1870	1867	1865	1863
17.5	1842	1844	1847	1850	1854	1853	1848	1843	1839	1835
20.0	1798	1799	1801	1803	1807	1811	1817	1817	1810	1804
22.5	1753	1754	1755	1756	1757	1760	1764	1771	1780	1770
25.0	1709	1709	1708	1707	1706	1705	1706	1710	1720	1734
27.5	1664	1663	1660	1656	1652	1647	1643	1644	1649	1662
30.0	1620	1617	1612	1604	1594	1584	1574	1567	1567	1577
32.5	1505	1518	1533	1549	1534	1515	1495	1480	1472	1477
35.0	1378	1391	1405	1419	1433	1439	1407	1380	1363	1359
37.5	1251	1265	1277	1287	1296	1302	1301	1267	1238	1227
40.0	1125	1138	1147	1154	1159	1163	1157	1136	1104	1090
42.5	998.3	1011	1017	1019	1023	1027	1019	997.9	970.5	958.4
45.0	872.1	884.0	886.8	884.7	890.9	896.8	890.5	875.3	855.5	841.0
47.5	788.6	785.3	768.3	751.1	762.1	772.6	773.6	768.9	758.6	753.2
50.0	713.3	704.2	682.0	658.1	651.2	656.3	670.1	677.7	676.2	678.1
52.5	637.2	622.8	595.3	572.1	567.0	567.4	580.1	598.8	604.1	610.0
55.0	560.3	540.9	508.8	487.1	484.8	489.0	506.1	528.1	539.4	548.7
57.5	483.0	458.7	422.8	403.1	404.6	413.2	432.9	455.9	480.0	493.7
60.0	405.2	376.5	337.4	320.5	326.5	339.0	360.8	387.9	418.3	446.1
62.5	359.2	322.1	271.5	241.3	250.3	265.8	290.4	324.2	361.3	393.7
65.0	319.4	282.8	235.7	210.5	203.9	199.0	222.4	264.9	307.7	342.2
67.5	280.0	244.3	201.4	180.1	175.0	172.7	180.5	209.4	256.0	291.7
70.0	240.9	206.3	168.1	150.5	146.6	147.8	159.2	185.7	209.3	242.6
72.5	202.1	168.9	135.7	121.2	118.9	123.7	138.1	165.0	185.3	200.8
75.0	163.6	132.2	104.1	92.26	91.73	100.3	117.0	143.4	160.0	168.3
77.5	85.89	72.58	60.63	57.29	61.96	77.33	95.42	121.1	133.0	134.6
80.0	4.818	8.486	11.52	15.35	21.46	33.00	52.29	84.38	104.5	101.0
82.5	0	0	0	0	0	0	0	11.63	31.63	49.17
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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
2.5	1957	1958	1959	1960	1961	1962	1963	1961	1960	1958
5.0	1945	1947	1948	1950	1952	1954	1956	1953	1950	1947
7.5	1930	1931	1933	1935	1938	1941	1944	1939	1934	1930
10.0	1911	1912	1913	1916	1919	1922	1926	1920	1914	1909
12.5	1888	1888	1889	1891	1894	1898	1903	1895	1888	1883
15.0	1861	1861	1861	1863	1865	1870	1876	1866	1858	1852
17.5	1832	1829	1829	1830	1832	1836	1843	1832	1824	1817
20.0	1799	1795	1793	1792	1794	1799	1806	1794	1785	1778
22.5	1763	1756	1752	1751	1752	1757	1765	1752	1741	1734
25.0	1722	1713	1707	1704	1705	1710	1720	1703	1691	1684
27.5	1677	1663	1653	1648	1648	1655	1667	1646	1631	1623
30.0	1599	1603	1587	1577	1575	1584	1601	1572	1553	1545
32.5	1494	1522	1497	1483	1480	1490	1513	1476	1452	1442
35.0	1368	1389	1387	1367	1362	1371	1397	1353	1327	1317
37.5	1230	1245	1263	1236	1223	1227	1252	1208	1184	1176
40.0	1092	1103	1113	1090	1068	1065	1084	1048	1032	1031
42.5	963.8	968.5	964.1	944.2	915.9	904.6	914.0	891.3	886.6	894.4
45.0	851.2	848.8	836.2	820.8	789.4	772.6	774.3	763.0	768.3	784.9
47.5	757.6	751.0	735.0	715.0	682.8	664.0	663.1	659.2	671.1	689.4
50.0	681.9	673.4	648.7	621.3	590.5	567.2	561.9	563.8	583.4	606.1
52.5	614.4	608.2	574.0	537.2	500.0	470.1	459.9	467.3	494.1	524.7
55.0	553.7	544.5	503.2	454.3	411.2	377.0	362.9	374.0	405.8	444.0
57.5	499.6	481.3	434.9	378.8	332.9	297.3	280.6	292.1	324.3	369.9
60.0	452.7	424.0	372.5	313.4	268.1	236.8	221.9	231.0	258.5	307.0
62.5	412.3	370.4	312.7	258.7	216.3	191.8	183.7	187.6	210.5	256.9
65.0	361.1	320.2	262.2	213.3	175.7	155.8	152.1	153.2	173.2	215.8
67.5	302.8	272.7	223.1	178.2	143.9	124.7	122.7	123.2	142.6	180.1
70.0	247.7	221.6	196.1	154.2	119.2	99.67	96.57	98.31	117.0	154.1
72.5	198.8	180.7	169.8	138.4	102.3	83.44	78.67	81.46	98.60	136.7
75.0	159.0	147.8	142.2	128.3	94.25	76.34	69.03	73.82	90.93	126.5
77.5	127.6	121.5	120.0	111.0	89.02	71.83	64.41	69.35	86.24	106.4

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-P195K4NU(S)

Photometric Data Table [cd]

80.0	100.1	98.84	100.0	95.92	82.43	65.21	60.30	63.91	79.55	87.75
82.5	72.73	77.62	78.81	78.47	67.19	52.97	51.11	53.94	63.08	68.65
85.0	0	23.29	51.84	53.95	49.02	34.22	30.71	35.46	44.37	45.53
87.5	0	0	0	0	22.32	14.62	6.170	13.71	18.98	0
90.0	0	0	0	0	0	0	0.2394	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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
2.5	1956	1955	1954	1952	1951	1950	1949	1948	1947	1947
5.0	1944	1941	1939	1937	1935	1933	1931	1930	1929	1928
7.5	1926	1923	1920	1917	1915	1913	1911	1910	1909	1908
10.0	1904	1901	1897	1895	1892	1891	1889	1888	1888	1887
12.5	1878	1874	1871	1869	1867	1866	1866	1865	1865	1865
15.0	1847	1843	1841	1839	1839	1839	1840	1841	1842	1843
17.5	1812	1809	1808	1807	1808	1810	1812	1815	1813	1806
20.0	1773	1771	1771	1773	1775	1779	1773	1762	1753	1747
22.5	1730	1729	1731	1735	1740	1722	1707	1697	1691	1686
25.0	1681	1682	1686	1693	1666	1647	1634	1628	1625	1623
27.5	1622	1626	1635	1607	1580	1563	1554	1552	1555	1558
30.0	1547	1558	1544	1507	1482	1468	1465	1470	1480	1490
32.5	1447	1465	1424	1392	1371	1363	1367	1380	1399	1418
35.0	1324	1317	1286	1262	1247	1247	1258	1283	1283	1280
37.5	1187	1164	1140	1122	1113	1119	1137	1140	1141	1140
40.0	1036	1019	999.4	981.8	973.7	982.6	994.4	998.7	999.5	1000
42.5	896.9	889.8	874.1	852.9	841.1	850.3	859.1	862.6	861.0	860.9
45.0	783.4	781.2	769.4	742.7	734.8	733.1	733.4	732.2	726.3	722.8
47.5	693.8	694.2	685.5	662.7	646.2	632.7	619.4	608.5	596.4	586.6
50.0	617.2	623.7	616.3	592.8	570.5	547.4	518.8	493.2	491.1	506.4
52.5	549.7	564.5	550.0	526.5	502.6	474.2	431.3	418.8	424.4	435.9
55.0	483.7	506.5	490.1	464.4	439.0	409.7	378.8	360.8	360.5	367.3
57.5	418.9	446.5	437.1	407.8	378.9	356.5	326.9	305.3	299.3	300.5
60.0	360.1	391.5	390.9	358.6	331.5	304.6	274.5	251.1	240.7	235.7
62.5	307.8	346.1	351.6	321.3	290.1	255.5	221.9	197.6	184.0	174.6
65.0	262.6	308.5	311.6	283.5	253.0	210.2	170.0	148.6	151.3	155.6
67.5	223.9	270.1	265.0	243.7	217.0	169.1	139.4	131.1	132.2	136.6
70.0	195.5	213.0	215.0	201.8	181.9	154.6	126.3	114.7	113.5	117.8
72.5	165.3	164.5	164.2	162.9	157.9	141.2	113.4	98.84	95.05	98.92
75.0	132.3	125.3	125.0	133.9	132.5	125.2	100.3	83.52	76.93	80.11
77.5	105.8	99.02	101.2	105.8	106.2	106.2	86.73	68.47	55.06	52.22
80.0	85.44	81.00	80.41	79.23	79.23	73.19	48.95	29.39	19.07	13.96
82.5	66.05	63.60	59.29	38.80	23.80	9.920	0	0	0	0
85.0	41.34	19.03	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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
2.5	1946	1945	1945	1945	1945	1944	1944	1945	1945	1945
5.0	1927	1926	1925	1925	1925	1924	1925	1925	1925	1926
7.5	1907	1906	1906	1905	1905	1904	1904	1905	1904	1905
10.0	1886	1886	1886	1885	1885	1884	1884	1884	1883	1883
12.5	1866	1866	1866	1866	1865	1864	1864	1862	1861	1860
15.0	1844	1845	1845	1846	1845	1844	1843	1841	1839	1837
17.5	1800	1795	1792	1790	1789	1788	1789	1791	1794	1798
20.0	1742	1738	1736	1734	1732	1732	1732	1733	1734	1738
22.5	1683	1681	1679	1677	1676	1675	1674	1674	1674	1675
25.0	1623	1622	1622	1621	1620	1619	1617	1615	1613	1610
27.5	1561	1563	1564	1564	1564	1562	1559	1555	1549	1543
30.0	1498	1504	1507	1508	1507	1505	1500	1494	1484	1471
32.5	1407	1396	1386	1380	1377	1377	1380	1386	1392	1396
35.0	1272	1262	1253	1248	1246	1246	1248	1252	1257	1257
37.5	1136	1128	1120	1117	1115	1115	1116	1119	1122	1118
40.0	1000	993.6	987.3	985.2	984.9	983.7	983.2	986.0	986.2	979.4
42.5	863.7	859.5	854.1	853.4	854.3	852.5	850.9	853.2	850.6	842.1
45.0	727.4	725.3	720.8	721.6	723.7	721.3	718.6	720.3	715.2	707.1
47.5	608.4	629.6	641.8	656.7	664.6	654.6	639.4	624.6	597.2	575.2
50.0	533.9	558.6	574.1	594.4	605.6	590.6	571.1	552.3	522.6	496.8
52.5	460.2	487.6	506.1	531.9	546.5	526.3	502.6	480.0	449.4	428.1
55.0	387.6	416.3	437.8	468.9	487.4	461.7	433.9	407.6	377.8	361.4
57.5	316.2	344.9	369.4	405.6	428.3	397.0	365.0	335.3	307.9	296.9
60.0	246.2	273.7	300.9	342.0	369.2	332.0	296.0	263.4	239.5	234.6
62.5	196.1	232.6	264.1	301.3	325.3	293.6	260.4	223.4	190.8	176.1
65.0	175.6	208.0	233.7	262.0	281.3	256.7	231.5	200.8	170.9	157.0
67.5	155.8	184.4	204.1	223.2	237.4	220.3	203.4	179.1	151.5	137.7
70.0	136.4	161.8	175.1	184.9	193.4	184.3	175.9	158.3	132.1	118.5

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-P195K4NU(S)

Photometric Data Table [cd]

72.5	117.4	139.9	146.6	147.0	149.5	148.6	149.0	138.2	112.9	99.22
75.0	98.75	118.6	118.6	109.4	105.6	113.2	122.6	118.5	94.11	79.95
77.5	59.93	66.86	62.47	55.33	52.78	57.32	64.71	66.91	56.90	51.93
80.0	11.35	7.867	3.517	0.8136	0	0.8430	3.642	7.863	10.79	13.90
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	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
2.5	1946	1947	1947	1948	1950	1951	1952	1953	1955	1956
5.0	1926	1927	1928	1930	1931	1933	1935	1937	1940	1942
7.5	1905	1906	1907	1908	1910	1912	1914	1917	1920	1924
10.0	1883	1883	1883	1884	1885	1887	1889	1892	1896	1900
12.5	1859	1858	1858	1858	1858	1859	1861	1863	1867	1872
15.0	1834	1832	1830	1829	1828	1828	1829	1831	1835	1840
17.5	1804	1805	1801	1798	1796	1794	1794	1795	1798	1802
20.0	1743	1750	1761	1765	1761	1757	1755	1755	1757	1761
22.5	1678	1683	1691	1705	1723	1717	1712	1710	1711	1714
25.0	1609	1610	1615	1626	1645	1672	1663	1658	1656	1660
27.5	1535	1530	1530	1537	1554	1580	1606	1595	1590	1592
30.0	1456	1443	1436	1438	1450	1473	1506	1516	1505	1504
32.5	1371	1348	1333	1328	1334	1353	1379	1412	1395	1392
35.0	1254	1246	1220	1207	1208	1220	1240	1261	1263	1259
37.5	1112	1106	1096	1079	1075	1084	1097	1111	1122	1116
40.0	973.2	967.4	958.0	946.8	943.2	952.6	964.8	972.5	979.9	977.3
42.5	838.3	834.8	828.8	823.4	822.2	837.0	848.6	856.2	858.0	853.9
45.0	707.9	708.6	710.1	715.1	725.2	737.4	755.6	760.5	757.3	752.7
47.5	582.0	590.4	603.2	621.4	639.6	659.5	680.9	681.8	675.6	666.6
50.0	480.0	480.8	508.9	540.1	563.3	587.8	614.9	618.5	606.2	586.1
52.5	415.7	411.0	426.4	466.6	493.2	518.9	547.5	565.3	541.5	506.0
55.0	354.5	355.9	375.3	400.0	426.0	454.1	486.4	508.2	476.3	426.8
57.5	296.3	302.7	324.0	347.3	362.9	395.7	432.4	444.4	411.8	355.3
60.0	240.6	250.6	272.3	297.0	319.2	344.7	385.1	386.2	352.6	296.6
62.5	186.6	198.7	221.2	250.7	281.6	310.9	344.9	337.5	299.1	250.7
65.0	154.4	150.8	171.3	209.2	247.5	276.1	303.5	297.5	254.0	213.1
67.5	134.8	133.6	142.1	172.4	213.4	237.1	254.8	257.6	217.0	179.2
70.0	115.7	117.4	129.7	158.2	179.5	194.0	203.6	202.5	189.8	152.4
72.5	97.09	102.0	117.5	143.7	155.4	154.3	153.3	156.4	160.0	134.4
75.0	78.89	87.12	105.0	126.3	130.4	127.5	116.6	118.6	127.5	124.7
77.5	56.79	72.59	92.02	106.2	105.1	102.7	96.52	93.74	101.4	104.7
80.0	19.69	31.24	52.08	72.59	79.75	80.12	78.72	77.81	81.74	85.06
82.5	0	0	0	9.820	24.09	40.50	59.99	62.30	63.56	65.44
85.0	0	0	0	0	0	0	0	18.82	40.05	43.51
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	1964	1964								
2.5	1958	1959								
5.0	1945	1949								
7.5	1928	1933								
10.0	1905	1911								
12.5	1878	1885								
15.0	1846	1854								
17.5	1809	1818								
20.0	1768	1778								
22.5	1722	1734								
25.0	1668	1682								
27.5	1601	1619								
30.0	1515	1538								
32.5	1405	1432								
35.0	1272	1302								
37.5	1126	1152								
40.0	979.2	993.8								
42.5	845.7	848.8								
45.0	738.5	733.9								
47.5	645.6	632.1								
50.0	558.2	537.1								
52.5	468.9	440.8								
55.0	383.6	350.8								
57.5	308.1	277.6								
60.0	249.9	224.9								
62.5	206.4	184.9								

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-P195K4NU(S)

Photometric Data Table [cd]

65.0	171.1	150.9
67.5	141.4	121.3
70.0	116.6	97.14
72.5	100.2	82.34
75.0	93.53	76.25
77.5	88.02	71.38
80.0	80.15	65.43
82.5	61.91	53.76
85.0	41.57	32.16
87.5	16.62	11.27
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-P195K4NU(S)