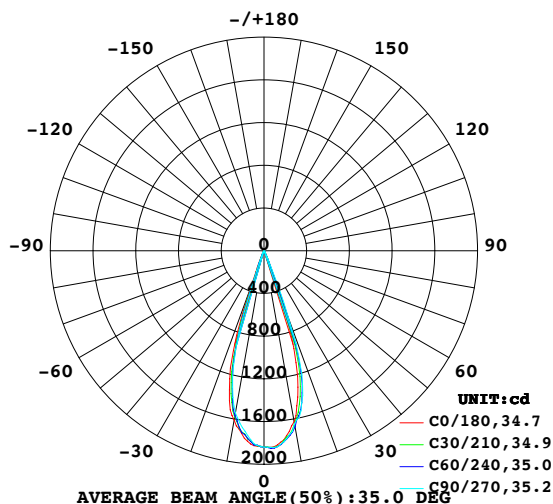


LUMINAIRE PHOTOMETRIC TEST REPORT

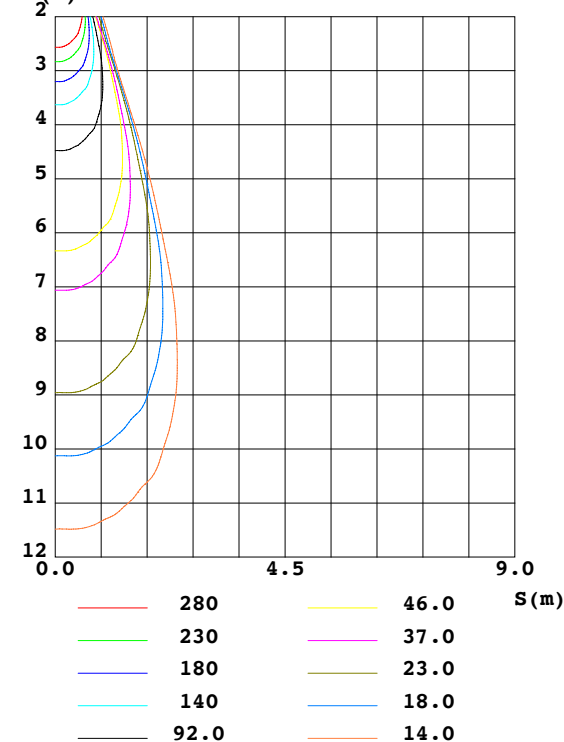
NAME: VN-TL0015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 38.07 lm/W
MODEL	CXA1512	Imax(cd)	1852	S/MH(C0/180)	0.50	
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.47	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	545.31	h UP,DN(C0-180)	0.5,55.1	
NOMINAL FLUX(lm)	545.312	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.5,43.9	
LAMPS INSIDE	1	h up(%)	1.0	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	230	h down(%)	99.0	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

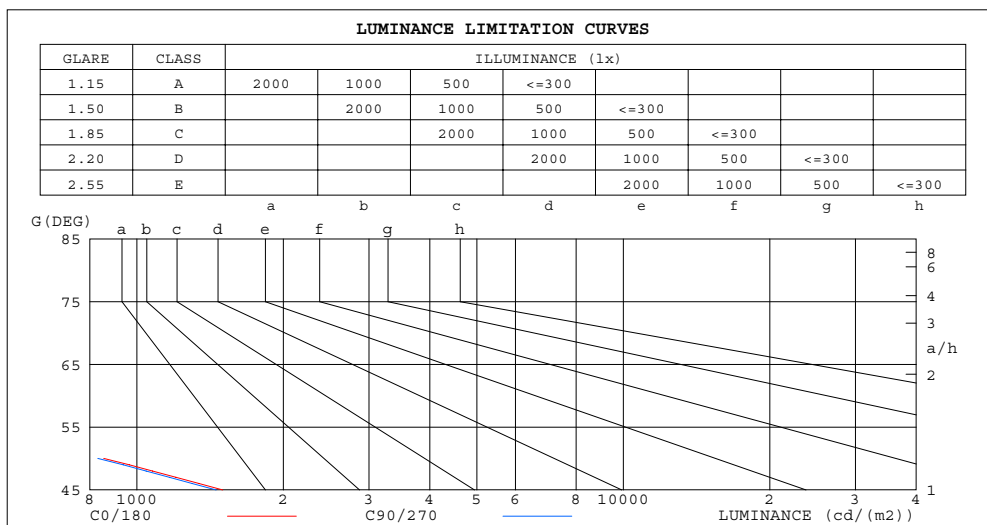
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	1627	1683	1646	1681	1610	1574	1544	1527	0- 10	164.8	164.8	30.2,30.2
20	475.3	648.6	686.8	708.8	345.0	213.6	202.2	210.4	10- 20	313.1	477.9	87.6,87.6
30	29.36	32.28	32.23	29.54	25.64	21.62	21.03	22.52	20- 30	50.46	528.4	96.9,96.9
40	7.168	7.282	7.119	6.462	6.097	5.307	5.132	5.622	30- 40	8.345	536.7	98.4,98.4
50	1.988	1.965	1.939	1.736	1.579	1.283	1.214	1.440	40- 50	2.668	539.4	98.9,98.9
60	0.0012	0.0078	0.0803	0.0450	0	0	0	0	50- 60	0.6073	540.0	99,99
70	0	0	0	0	0	0	0	0	60- 70	0.0011	540.0	99,99
80	0	0	0	0	0	0	0	0	70- 80	0	540.0	99,99
90	0	0	0	0	0	0	0	0	80- 90	0	540.0	99,99
100	0	0	0	0	0	0	0	0	90-100	0	540.0	99,99
110	0	0	0	0	0	0	0	0	100-110	0	540.0	99,99
120	0	0	0	0	0	0	0	0	110-120	0	540.0	99,99
130	0	0	0	0	0	0	0	0	120-130	0	540.0	99,99
140	1.376	1.087	0.9411	0.9667	0.2451	0.5242	0.6397	0.5876	130-140	0.0867	540.1	99,99
150	4.389	4.100	4.021	4.016	3.437	3.728	3.813	3.794	140-150	1.448	541.5	99.3,99.3
160	5.216	5.214	5.377	5.355	5.260	5.170	5.156	5.013	150-160	2.241	543.8	99.7,99.7
170	3.214	3.397	3.591	3.683	3.510	3.305	3.170	2.960	160-170	1.280	545.1	100,100
180	2.158	2.308	2.134	2.230	2.172	2.312	2.144	2.224	170-180	0.2576	545.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:23DEG
 Operators:XYJ
 Test Date:2019-6-14

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.300m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: VN-TLO015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	0	0
65	0	0
60	1	44
55	399	414
50	855	831
45	1501	1455

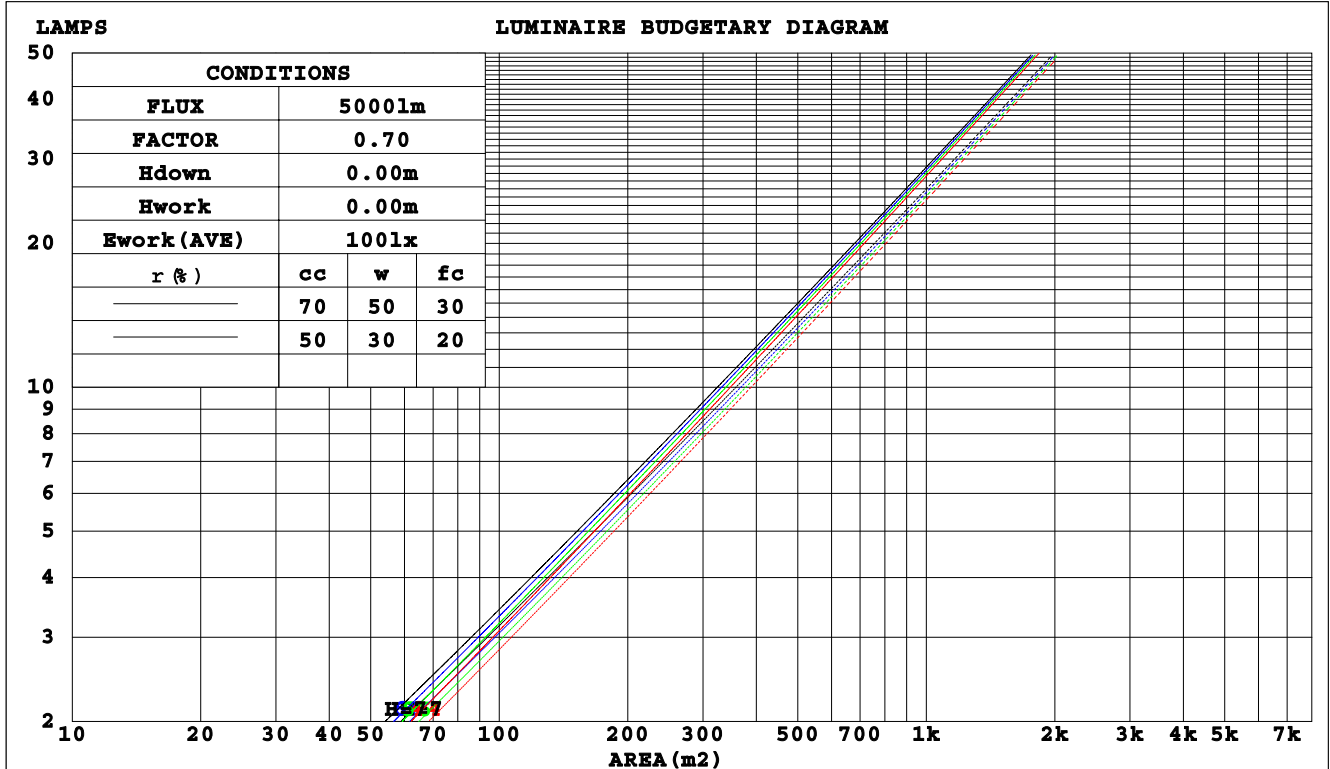
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators: XYJ
Test Date: 2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.300m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: VN-TLO015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding 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
rfe	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	1.01	1.01	1.01	.99
1.0	1.13	1.11	1.09	1.11	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.00	.99	.00	.98	.96	.97	.96	.94	.93
3.0	1.03	.00	.97	1.02	.99	.96	.99	.97	.94	.97	.95	.93	.95	.93	.91	.90
4.0	.99	.95	.92	.98	.95	.92	.96	.93	.91	.94	.92	.90	.92	.90	.88	.87
5.0	.96	.92	.89	.95	.91	.88	.93	.90	.87	.91	.89	.87	.90	.88	.86	.85
6.0	.92	.88	.85	.92	.88	.85	.90	.87	.85	.89	.86	.84	.88	.85	.83	.82
7.0	.90	.85	.83	.89	.85	.82	.88	.84	.82	.87	.84	.81	.86	.83	.81	.80
8.0	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.83	.81	.79	.78
9.0	.84	.80	.78	.84	.80	.77	.83	.80	.77	.82	.79	.77	.81	.79	.77	.76
10.0	.82	.78	.75	.82	.78	.75	.81	.77	.75	.80	.77	.75	.79	.77	.75	.74



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: VN-TL0015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding 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	.135	.077	.024	.128	.073	.023	.116	.066	.021	.104	.060	.019	.093	.054	.017		
2.0	.125	.068	.021	.119	.066	.020	.108	.060	.019	.099	.055	.017	.090	.051	.016		
3.0	.116	.062	.019	.111	.060	.018	.102	.056	.017	.094	.052	.016	.086	.048	.015		
4.0	.109	.057	.017	.105	.055	.016	.097	.052	.015	.090	.048	.015	.084	.045	.014		
5.0	.102	.052	.015	.099	.051	.015	.093	.048	.014	.086	.046	.014	.081	.043	.013		
6.0	.097	.049	.014	.094	.048	.014	.088	.045	.013	.083	.043	.013	.078	.041	.012		
7.0	.092	.046	.013	.090	.045	.013	.085	.043	.012	.080	.041	.012	.076	.039	.012		
8.0	.088	.043	.012	.086	.042	.012	.081	.041	.012	.077	.039	.011	.073	.038	.011		
9.0	.084	.041	.011	.082	.040	.011	.078	.039	.011	.075	.037	.011	.071	.036	.010		
10.0	.081	.039	.011	.079	.038	.011	.076	.037	.010	.072	.036	.010	.069	.035	.010		

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	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.176	.165	.156	.150	.142	.134	.103	.098	.093	.059	.056	.054	.019	.018	.017	
2.0	.158	.140	.126	.135	.121	.109	.092	.084	.076	.053	.049	.044	.017	.016	.014	
3.0	.142	.121	.104	.122	.104	.090	.084	.072	.063	.048	.042	.037	.016	.014	.012	
4.0	.130	.105	.087	.111	.091	.075	.077	.064	.053	.044	.037	.031	.014	.012	.010	
5.0	.119	.093	.074	.102	.081	.064	.071	.056	.045	.041	.033	.027	.013	.011	.009	
6.0	.110	.083	.064	.095	.072	.055	.065	.050	.039	.038	.030	.023	.012	.010	.008	
7.0	.103	.075	.055	.088	.065	.048	.061	.046	.034	.036	.027	.020	.011	.009	.007	
8.0	.096	.068	.049	.083	.059	.043	.057	.042	.030	.033	.025	.018	.011	.008	.006	
9.0	.091	.063	.044	.078	.054	.038	.054	.038	.027	.032	.023	.016	.010	.007	.005	
10.0	.086	.058	.039	.074	.050	.034	.051	.035	.024	.030	.021	.014	.010	.007	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: VN-TLO015-41					TYPE:3000K CRI90 Black 20-40D					WEIGHT:	
SPEC.:L					DIM.:					SERIAL No.:	
MFR.: 1					SUR.:					Shielding 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	1.0	1.6	1.2	1.8	1.9	1.1	1.7	1.3	1.9	2.1	
	3H	0.8	1.4	1.1	1.6	1.8	1.0	1.6	1.2	1.8	
	4H	0.8	1.3	1.0	1.5	1.8	0.9	1.4	1.2	1.7	
	6H	0.7	1.2	1.0	1.4	1.7	0.8	1.3	1.1	1.6	
	8H	0.6	1.1	0.9	1.4	1.7	0.8	1.3	1.1	1.5	
	12H	0.6	1.1	0.9	1.3	1.6	0.7	1.2	1.0	1.5	
4H	2H	0.8	1.3	1.0	1.6	1.8	0.9	1.5	1.2	1.7	
	3H	0.6	1.1	0.9	1.4	1.6	0.7	1.2	1.0	1.8	
	4H	0.5	0.9	0.8	1.2	1.6	0.6	1.1	1.0	1.7	
	6H	0.4	0.8	0.8	1.1	1.5	0.5	0.9	0.9	1.6	
	8H	0.3	0.7	0.7	1.1	1.4	0.5	0.8	0.9	1.6	
	12H	0.3	0.6	0.7	1.0	1.4	0.4	0.7	0.8	1.5	
8H	4H	0.3	0.7	0.7	1.1	1.4	0.5	0.8	0.9	1.6	
	6H	0.2	0.5	0.7	0.9	1.4	0.3	0.7	0.8	1.5	
	8H	0.1	0.4	0.6	0.9	1.3	0.3	0.6	0.7	1.4	
	12H	0.1	0.3	0.6	0.8	1.3	0.2	0.5	0.7	1.4	
12H	4H	0.3	0.6	0.7	1.0	1.4	0.4	0.7	0.8	1.5	
	6H	0.1	0.4	0.6	0.9	1.3	0.3	0.6	0.7	1.4	
	8H	0.1	0.3	0.6	0.8	1.3	0.2	0.5	0.7	1.4	
Variations with the observer position at spacings:											
S = 1.0H	+ 3.0 / -12.8					+ 3.0 / -11.0					
1.5H	+ 4.5 / - 7.8					+ 4.6 / - 7.2					
2.0H	+ 5.9 / - 1.5					+ 5.7 / - 1.5					

CIE Pub.117, 545.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.1)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: VN-TLO015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

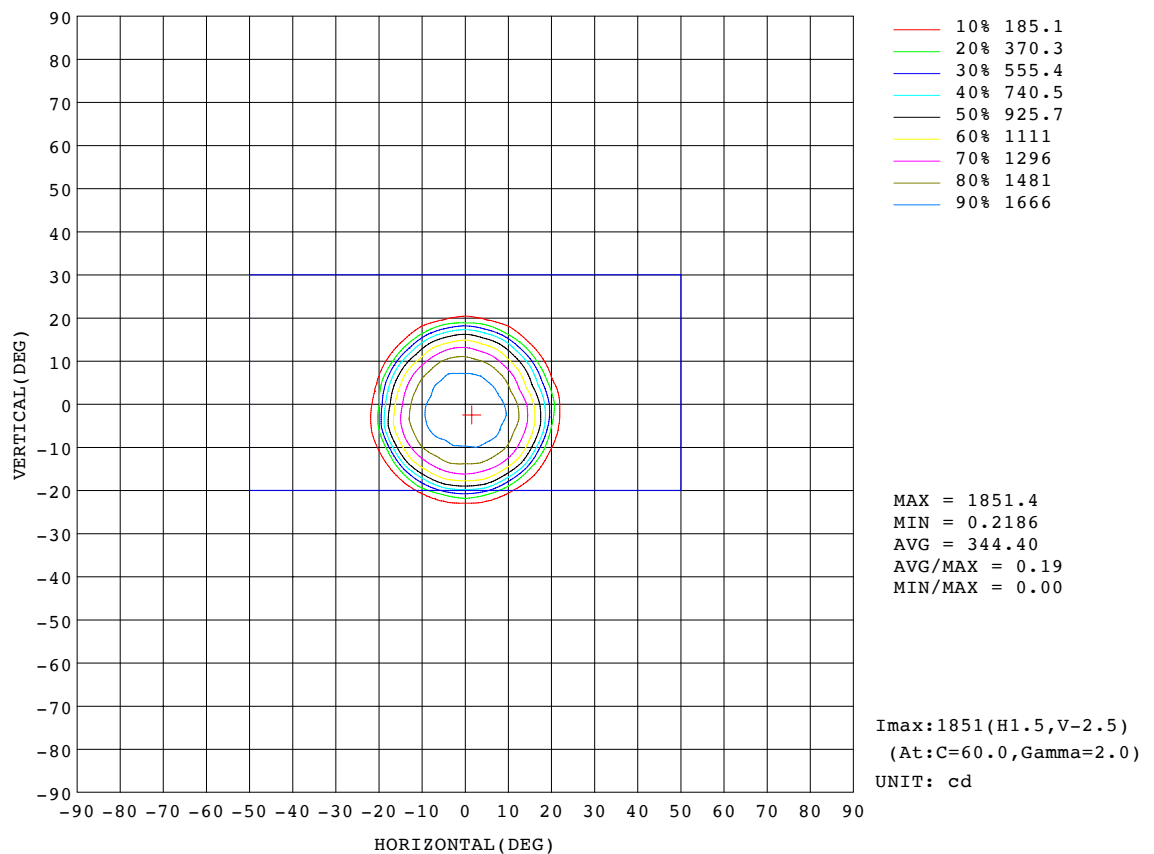
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	88	85
1.00	101	96	93	100	96	93	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	100	104	101	98	94
2.00	109	106	103	108	105	102	105	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	108	107	105	98
5.00	115	113	112	113	112	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: VN-TL0015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:



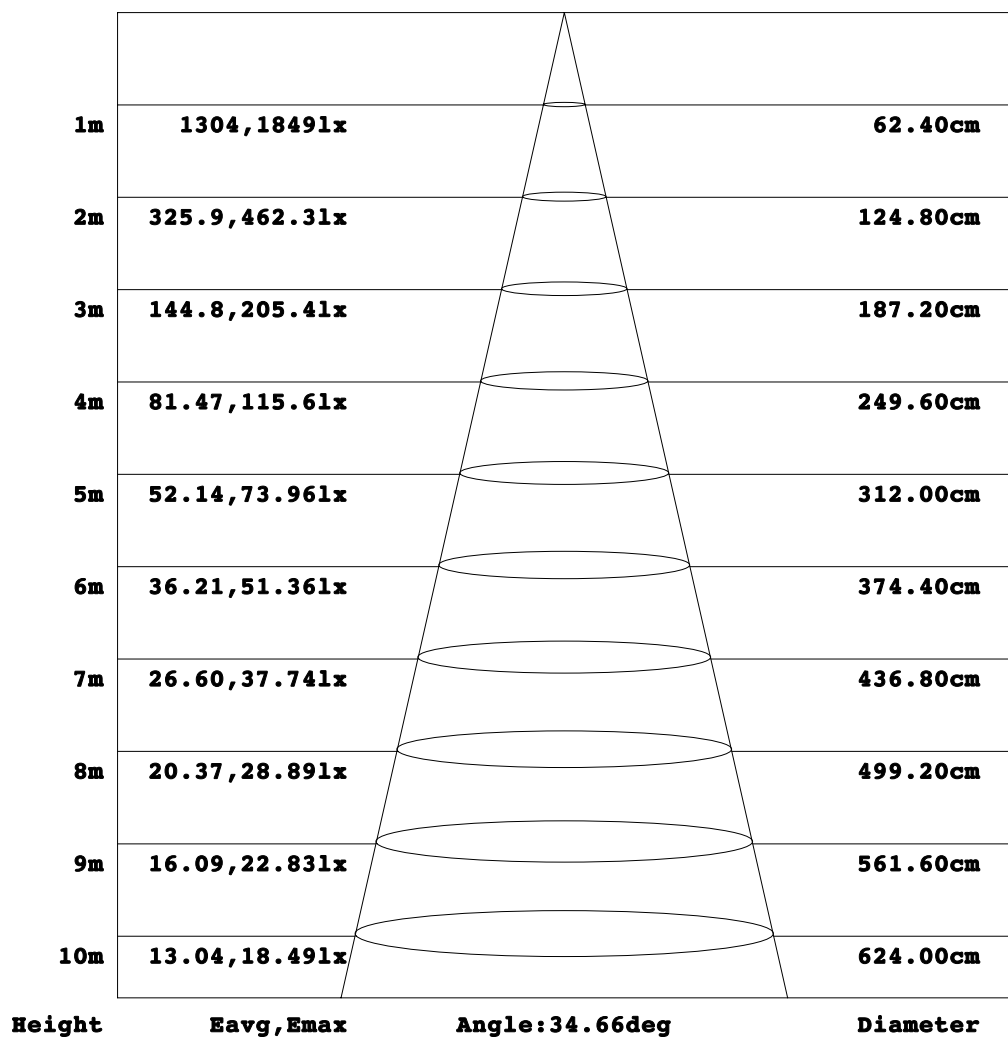
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

AAI Figure

NAME: VN-TLO015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

Flux out:432.3 lm



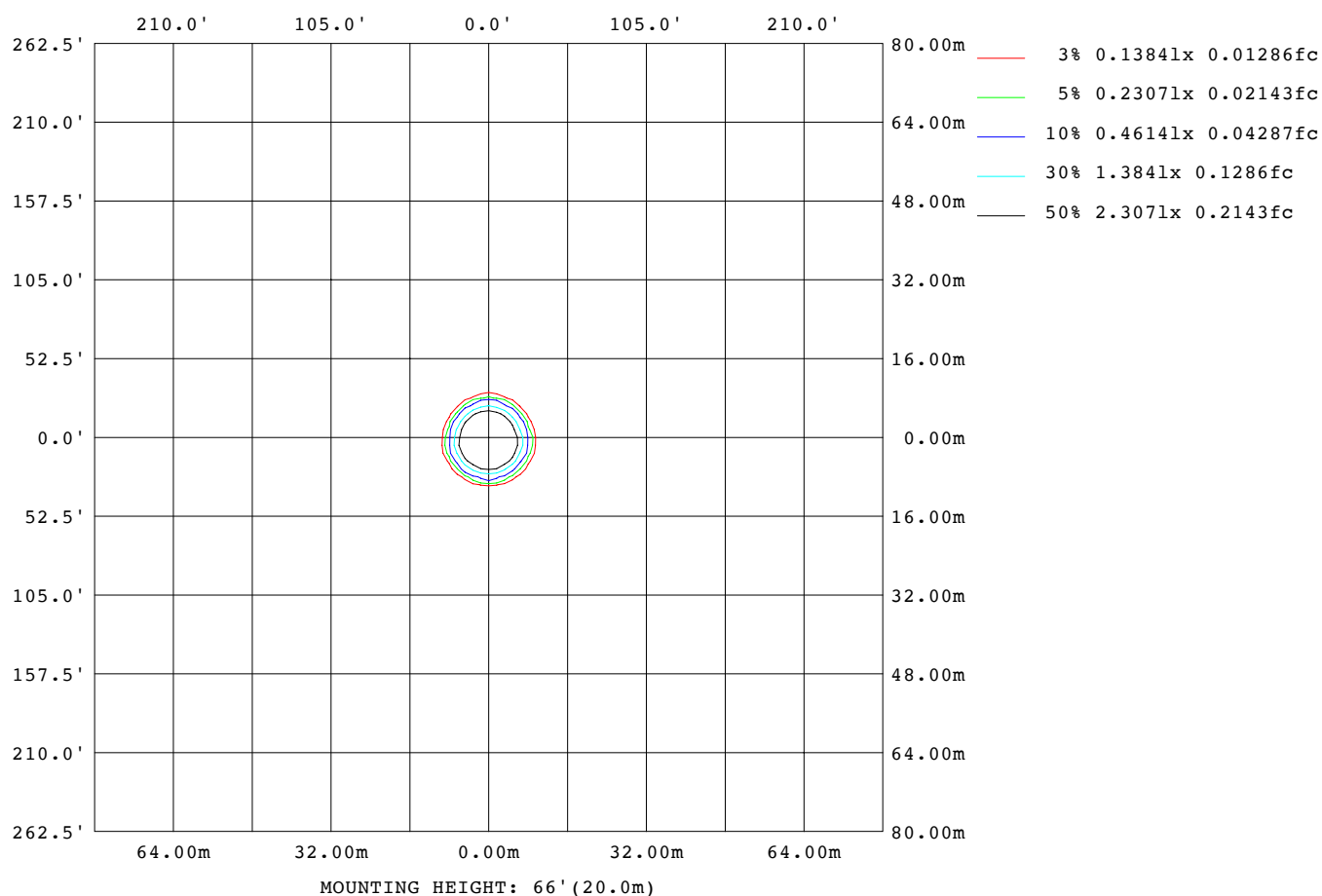
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23DEG
 Operators: XYJ
 Test Date: 2019-6-14

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.300m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: VN-TL0015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: VN-TLO015-41	TYPE:3000K CRI90 Black 20-40D WEIGHT:	
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

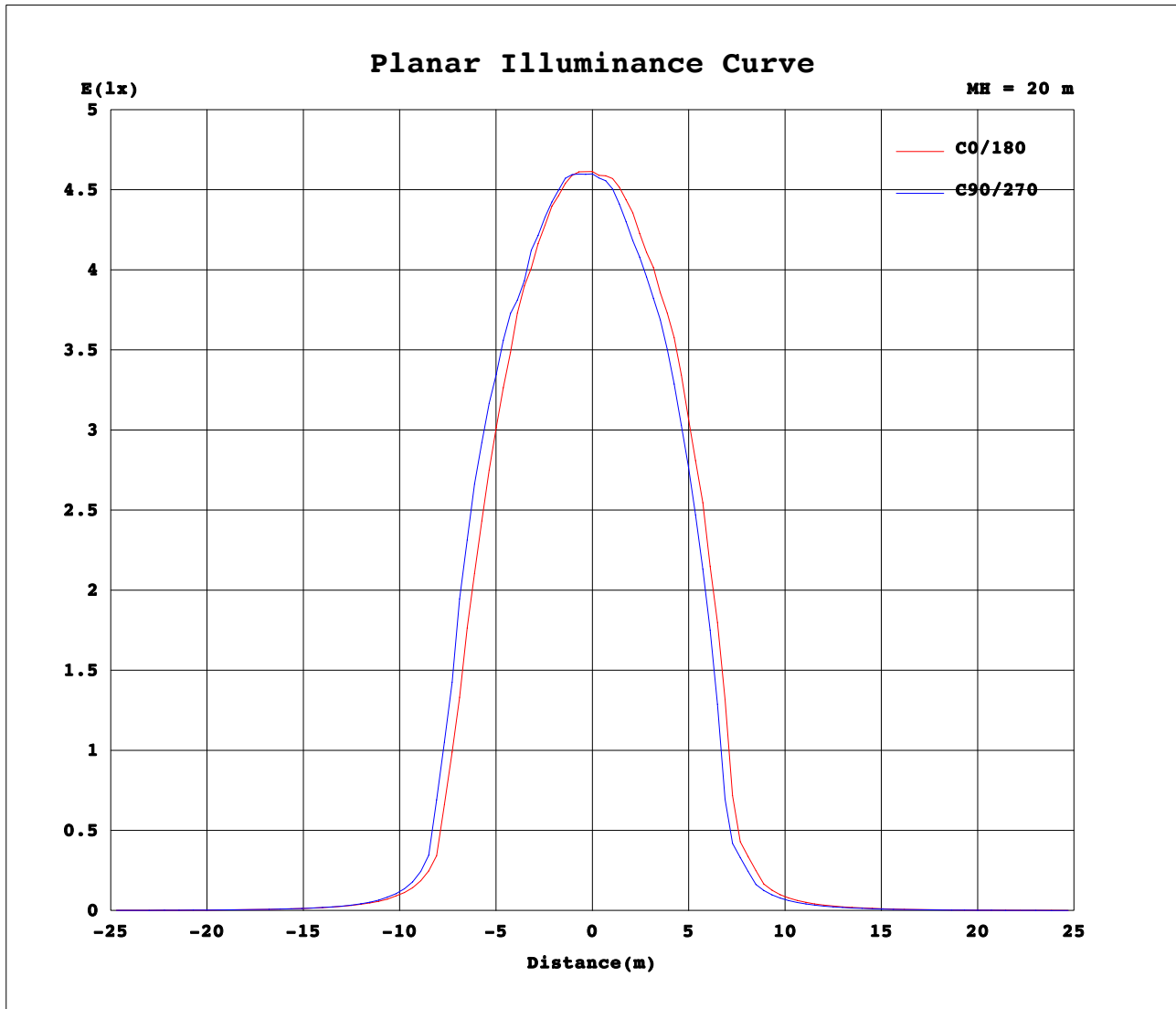
AvgL	cd/m2
L_0-180(65)av	0
L_0-180(75)av	0
L_0-180(85)av	0
L_90-270(65)av	0
L_90-270(75)av	0
L_90-270(85)av	0
L_45(65)av	0
L_45(75)av	0
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators: XYJ
Test Date: 2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VN-TL0015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839
5	1799	1810	1820	1827	1822	1835	1819	1819	1807	1809	1807	1804	1789	1770	1769	1758	1763	1732	1739
10	1627	1656	1646	1683	1674	1677	1646	1670	1656	1681	1678	1654	1610	1580	1581	1574	1569	1545	1544
15	1216	1287	1316	1373	1378	1397	1405	1422	1392	1410	1393	1351	1242	1199	1172	1085	1118	1073	1096
20	475	515	537	649	637	727	687	736	689	709	614	594	345	370	244	214	213	194	202
25	76.3	84.4	85.7	94.4	93.0	112	96.3	113	91.5	91.7	84.7	85.0	68.0	60.9	58.9	57.4	54.7	53.1	52.9
30	29.4	30.9	30.9	32.3	31.8	33.0	32.2	32.6	30.2	29.5	29.0	29.9	25.6	23.6	23.0	21.6	21.6	20.7	21.0
35	13.8	14.2	14.0	14.4	14.1	14.5	14.2	14.2	13.2	12.9	12.9	13.5	11.9	11.1	10.9	10.3	10.3	9.91	10.0
40	7.17	7.30	7.17	7.28	7.14	7.28	7.12	7.11	6.60	6.46	6.54	6.85	6.10	5.69	5.58	5.31	5.30	5.09	5.13
45	3.84	3.88	3.77	3.83	3.75	3.83	3.73	3.72	3.42	3.37	3.42	3.57	3.17	2.92	2.88	2.75	2.73	2.62	2.63
50	1.99	1.98	1.93	1.96	1.94	1.99	1.94	1.92	1.77	1.74	1.76	1.84	1.58	1.40	1.37	1.28	1.27	1.19	1.21
55	0.83	0.83	0.78	0.85	0.84	0.92	0.86	0.89	0.80	0.77	0.76	0.81	0.58	0.42	0.40	0.33	0.32	0.29	0.29
60	0.00	0.00	0.00	0.01	0.04	0.14	0.08	0.12	0.05	0.05	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	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
70	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
75	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
80	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
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	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
95	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
100	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
105	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
110	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
115	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
120	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
125	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
130	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
135	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
140	1.38	1.26	1.20	1.09	1.03	0.95	0.94	0.91	0.95	0.97	1.05	1.10	0.25	0.36	0.42	0.52	0.56	0.64	0.64
145	2.95	2.82	2.76	2.65	2.60	2.52	2.51	2.48	2.52	2.54	2.62	2.66	1.83	1.94	2.01	2.12	2.17	2.24	2.25
150	4.39	4.27	4.22	4.10	4.09	4.00	4.02	3.98	4.04	4.02	4.12	4.14	3.44	3.57	3.60	3.73	3.74	3.84	3.81
155	5.31	5.23	5.17	5.14	5.15	5.17	5.20	5.17	5.16	5.15	5.21	5.26	4.81	4.86	4.86	4.91	4.95	5.01	5.01
160	5.22	5.21	5.20	5.21	5.27	5.34	5.38	5.40	5.37	5.36	5.39	5.42	5.26	5.25	5.22	5.17	5.18	5.19	5.16
165	4.33	4.40	4.41	4.51	4.56	4.60	4.64	4.70	4.74	4.75	4.71	4.71	4.55	4.51	4.48	4.47	4.48	4.39	4.34
170	3.21	3.28	3.34	3.40	3.43	3.52	3.59	3.67	3.64	3.68	3.66	3.60	3.51	3.46	3.42	3.31	3.27	3.21	3.17
175	2.17	2.18	2.24	2.39	2.46	2.45	2.46	2.49	2.53	2.58	2.55	2.45	2.47	2.51	2.55	2.53	2.39	2.28	2.17
180	2.16	2.17	2.21	2.31	2.21	2.15	2.13	2.09	2.12	2.23	2.12	2.06	2.17	2.17	2.21	2.31	2.22	2.15	2.14

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VN-TL0015-41	TYPE:3000K CRI90 Black 20-40D	WEIGHT:
SPEC.:L	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) g (DEG)	285	300	315	330	345													
0	1839	1839	1839	1839	1839													
5	1732	1751	1750	1768	1771													
10	1526	1539	1527	1551	1550													
15	1043	1071	1043	1069	1070													
20	194	211	210	239	331													
25	53.2	55.1	58.7	61.1	62.5													
30	20.7	21.9	22.5	24.5	25.2													
35	9.86	10.4	10.8	11.8	12.2													
40	5.06	5.37	5.62	6.17	6.41													
45	2.61	2.79	2.95	3.29	3.42													
50	1.20	1.34	1.44	1.65	1.76													
55	0.32	0.44	0.52	0.66	0.73													
60	0.00	0.00	0.00	0.00	0.00													
65	0.00	0.00	0.00	0.00	0.00													
70	0.00	0.00	0.00	0.00	0.00													
75	0.00	0.00	0.00	0.00	0.00													
80	0.00	0.00	0.00	0.00	0.00													
85	0.00	0.00	0.00	0.00	0.00													
90	0.00	0.00	0.00	0.00	0.00													
95	0.00	0.00	0.00	0.00	0.00													
100	0.00	0.00	0.00	0.00	0.00													
105	0.00	0.00	0.00	0.00	0.00													
110	0.00	0.00	0.00	0.00	0.00													
115	0.00	0.00	0.00	0.00	0.00													
120	0.00	0.00	0.00	0.00	0.00													
125	0.00	0.00	0.00	0.00	0.00													
130	0.00	0.00	0.00	0.00	0.00													
135	0.00	0.00	0.00	0.00	0.00													
140	0.66	0.62	0.59	0.50	0.45													
145	2.28	2.23	2.20	2.11	2.05													
150	3.87	3.79	3.79	3.69	3.66													
155	4.99	4.93	4.88	4.83	4.81													
160	5.12	5.06	5.01	5.00	5.00													
165	4.27	4.31	4.21	4.16	4.13													
170	3.05	3.03	2.96	3.00	3.00													
175	2.18	2.22	2.16	1.99	1.97													
180	2.09	2.12	2.22	2.12	2.03													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-6-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks: