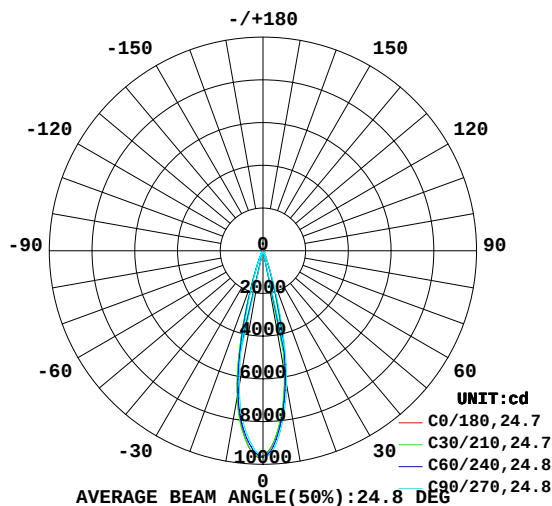


LUMINAIRE PHOTOMETRIC TEST REPORT

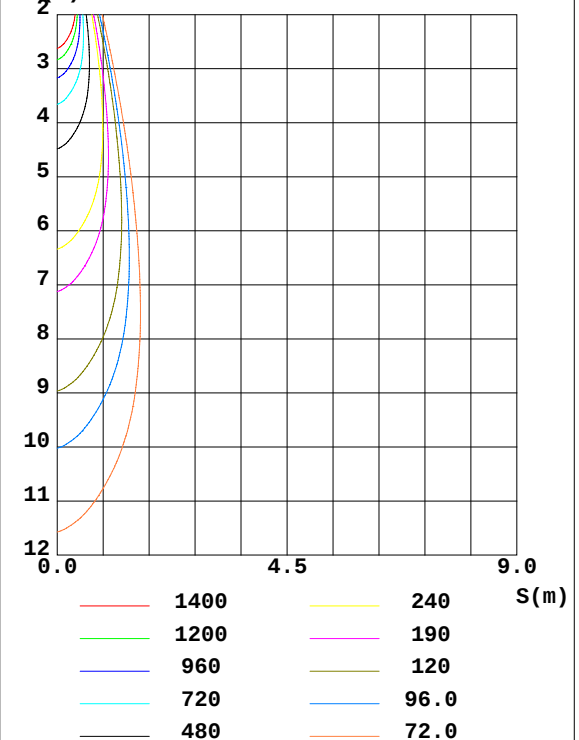
NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.23 lm/W			
MODEL	CXA1830	Imax(cd)	9698	S/MH(C0/180)	0.42
NOMINAL POWER(W)	30	LOR(%)	89.1	S/MH(C90/270)	0.39
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1896.1	η UP, DN(C0-180)	0.9, 43.4
NOMINAL FLUX(lm)	2127.34	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7, 44.1
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	87.5	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: MEDIUM
 Temperature:23DEG
 Operators:XYJ
 Test Date:2018-10-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.300m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

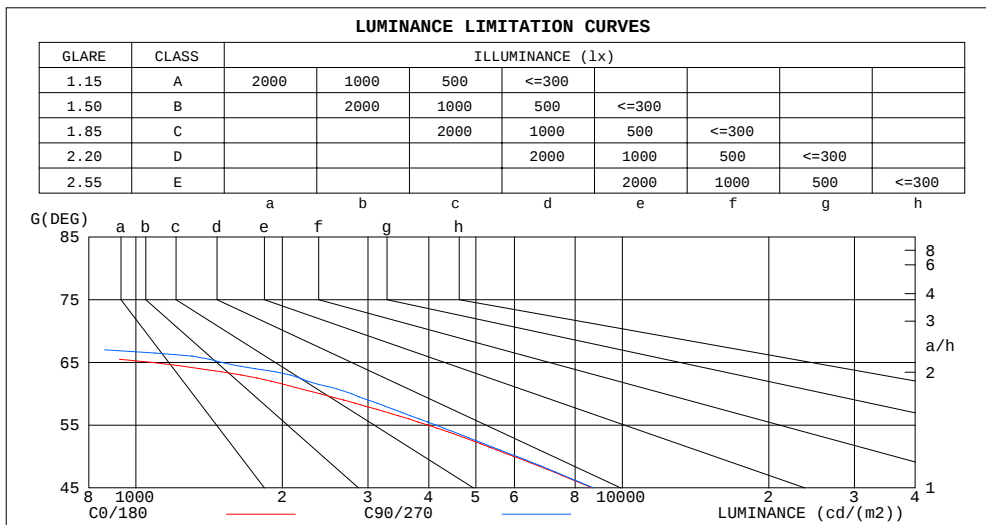
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	5843	5975	6346	6788	6898	6798	6404	5939	0- 10	754.4	754.4	39.8, 35.5
20	833.2	817.6	921.3	1160	1205	1119	1015	855.2	10- 20	852.4	1607	84.7, 75.5
30	123.1	121.1	129.4	154.1	159.7	163.6	155.7	130.6	20- 30	180.6	1787	94.3, 84
40	34.67	34.76	35.34	39.80	40.29	40.16	39.35	33.92	30- 40	45.21	1833	96.7, 86.1
50	13.95	14.01	14.15	15.91	16.27	15.25	15.16	13.40	40- 50	18.62	1851	97.6, 87
60	4.332	5.141	5.033	5.530	5.373	5.046	4.912	4.502	50- 60	8.216	1859	98.1, 87.4
70	0	0	0.0025	0.3333	0.0192	0.0016	0	0	60- 70	2.219	1862	98.2, 87.5
80	0	0	0	0	0	0	0	0	70- 80	0.0021	1862	98.2, 87.5
90	0	0	0	0	0	0	0	0	80- 90	0	1862	98.2, 87.5
100	0	0	0	0	0	0	0	0	90-100	0	1862	98.2, 87.5
110	0	0	0	0	0	0	0	0	100-110	0	1862	98.2, 87.5
120	0	0	0	0	0	0	0	0	110-120	0	1862	98.2, 87.5
130	3.077	2.953	2.508	1.894	0	0	0	0.0289	120-130	0.1894	1862	98.2, 87.5
140	14.25	14.09	13.38	12.50	7.559	7.722	8.428	9.243	130-140	4.175	1866	98.4, 87.7
150	24.23	24.13	23.84	23.23	19.73	19.86	20.49	21.11	140-150	10.40	1876	99, 88.2
160	25.83	25.40	26.32	26.11	26.07	25.79	26.04	25.34	150-160	11.47	1888	99.6, 88.7
170	17.34	17.61	18.81	19.66	20.18	20.28	19.70	18.38	160-170	6.661	1895	99.9, 89.1
180	12.80	13.55	13.13	13.54	12.80	13.54	13.12	13.56	170-180	1.553	1896	100, 89.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature: 23DEG
 Operators: XYJ
 Test Date: 2018-10-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.300m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	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	2
65	1075	1498
60	2390	2775
55	3982	4138
50	5987	6068
45	8666	8723

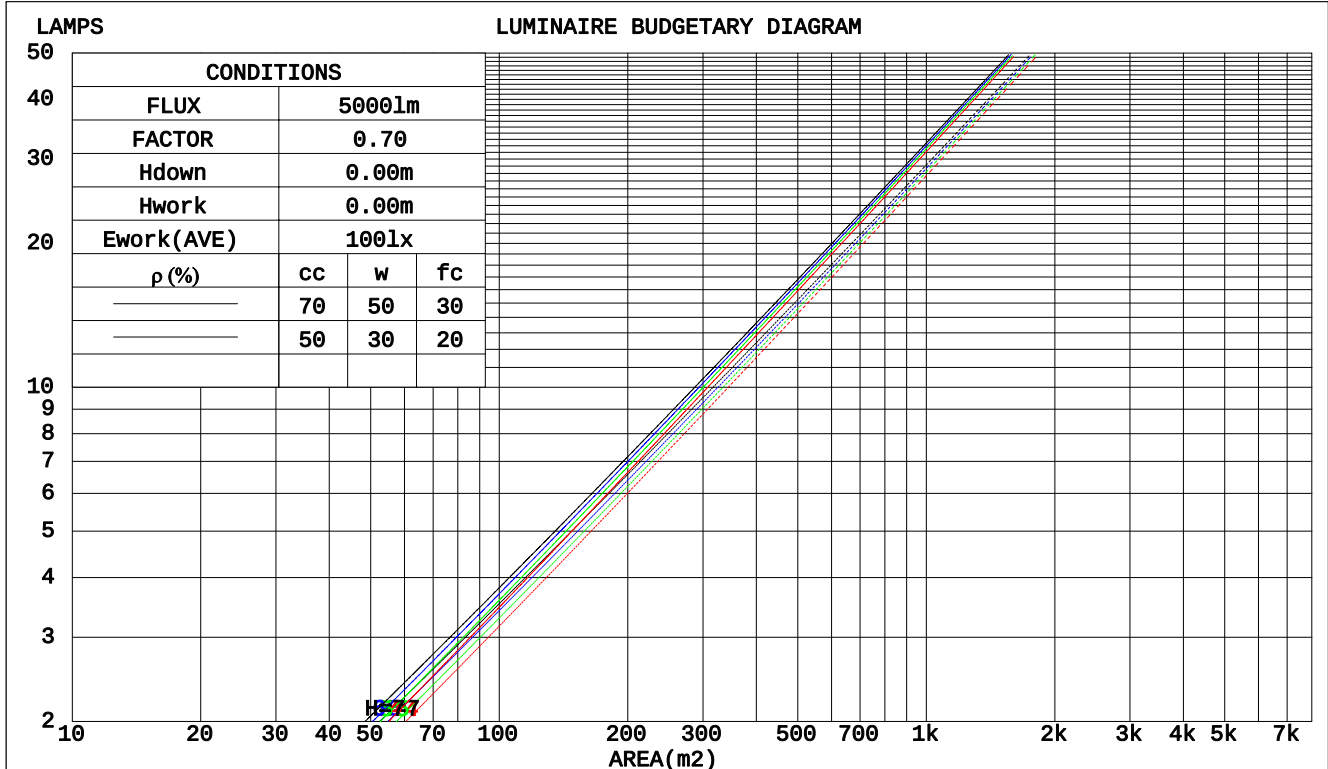
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:23DEG
 Operators:XYJ
 Test Date:2018-10-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.300m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.06	1.06	1.06	1.03	1.03	1.03	.98	.98	.98	.94	.94	.94	.89	.89	.89	.88
1.0	1.00	.99	.97	.98	.97	.96	.95	.93	.92	.91	.90	.89	.88	.87	.87	.85
2.0	.96	.93	.91	.94	.92	.90	.91	.89	.88	.88	.87	.86	.86	.85	.84	.82
3.0	.92	.89	.86	.91	.88	.86	.88	.86	.84	.86	.84	.83	.84	.83	.81	.80
4.0	.89	.85	.83	.88	.84	.82	.86	.83	.81	.84	.82	.80	.82	.80	.79	.78
5.0	.86	.82	.80	.85	.82	.79	.83	.80	.78	.82	.79	.78	.80	.78	.77	.76
6.0	.83	.79	.77	.82	.79	.77	.81	.78	.76	.80	.77	.75	.79	.76	.75	.74
7.0	.80	.77	.74	.80	.77	.74	.79	.76	.74	.78	.75	.73	.77	.75	.73	.72
8.0	.78	.75	.72	.78	.74	.72	.77	.74	.72	.76	.73	.71	.75	.73	.71	.70
9.0	.76	.73	.70	.76	.73	.70	.75	.72	.70	.74	.72	.70	.73	.71	.69	.69
10.0	.74	.71	.69	.74	.71	.69	.73	.70	.68	.73	.70	.68	.72	.70	.68	.67



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:23DEG
Operators:XYJ
Test Date:2018-10-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.119	.068	.021	.113	.064	.020	.101	.058	.018	.090	.052	.017	.079	.046	.015		
2.0	.110	.060	.018	.104	.058	.018	.094	.053	.016	.085	.048	.015	.077	.043	.014		
3.0	.102	.054	.016	.097	.052	.016	.089	.048	.015	.081	.045	.014	.074	.041	.013		
4.0	.095	.049	.015	.091	.048	.014	.084	.045	.013	.078	.042	.013	.072	.039	.012		
5.0	.089	.045	.013	.086	.044	.013	.080	.042	.012	.074	.039	.012	.069	.037	.011		
6.0	.084	.042	.012	.081	.041	.012	.076	.039	.011	.071	.037	.011	.067	.035	.010		
7.0	.080	.039	.011	.077	.039	.011	.073	.037	.011	.068	.035	.010	.064	.033	.010		
8.0	.076	.037	.010	.074	.036	.010	.070	.035	.010	.066	.033	.010	.062	.032	.009		
9.0	.072	.035	.010	.070	.034	.010	.067	.033	.009	.063	.032	.009	.060	.031	.009		
10.0	.069	.033	.009	.067	.033	.009	.064	.031	.009	.061	.030	.009	.058	.029	.008		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.182	.182	.182	.156	.156	.156	.106	.106	.106	.061	.061	.061	.020	.020	.020	
1.0	.162	.153	.145	.139	.131	.124	.095	.090	.086	.055	.052	.050	.018	.017	.016	
2.0	.146	.131	.118	.125	.113	.102	.086	.078	.071	.049	.045	.042	.016	.015	.014	
3.0	.132	.114	.098	.114	.098	.085	.078	.068	.060	.045	.040	.035	.014	.013	.012	
4.0	.121	.100	.084	.104	.086	.073	.071	.060	.051	.041	.035	.030	.013	.011	.010	
5.0	.112	.089	.072	.096	.077	.063	.066	.054	.044	.038	.032	.026	.012	.010	.009	
6.0	.104	.080	.063	.089	.069	.055	.061	.048	.039	.036	.028	.023	.011	.009	.008	
7.0	.097	.073	.056	.083	.063	.048	.057	.044	.034	.033	.026	.020	.011	.009	.007	
8.0	.091	.066	.050	.078	.058	.043	.054	.040	.031	.031	.024	.018	.010	.008	.006	
9.0	.086	.061	.045	.074	.053	.039	.051	.037	.028	.030	.022	.017	.010	.007	.006	
10.0	.081	.057	.041	.070	.050	.036	.049	.035	.025	.028	.021	.015	.009	.007	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:23DEG
Operators:XYJ
Test Date:2018-10-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: VN-TL0030-03					TYPE:3000K CRI90 Black					WEIGHT:				
SPEC.:S					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	8.0	8.6	8.2	8.7	8.9	8.3	8.9	8.5	9.1	9.2				
3H	7.8	8.4	8.1	8.6	8.8	8.2	8.7	8.4	9.0	9.2				
4H	7.7	8.3	8.0	8.5	8.8	8.1	8.6	8.4	8.9	9.1				
6H	7.6	8.2	8.0	8.4	8.7	8.0	8.5	8.3	8.8	9.0				
8H	7.6	8.1	7.9	8.4	8.7	8.0	8.5	8.3	8.7	9.0				
12H	7.6	8.0	7.9	8.3	8.6	7.9	8.4	8.2	8.7	9.0				
4H 2H	7.9	8.4	8.1	8.6	8.9	8.2	8.7	8.5	8.9	9.2				
3H	7.7	8.2	8.0	8.5	8.8	8.0	8.5	8.4	8.8	9.1				
4H	7.6	8.0	8.0	8.4	8.7	7.9	8.4	8.3	8.7	9.0				
6H	7.5	7.9	7.9	8.2	8.6	7.8	8.2	8.2	8.6	8.9				
8H	7.4	7.8	7.8	8.2	8.6	7.8	8.1	8.2	8.5	8.9				
12H	7.4	7.7	7.8	8.1	8.5	7.7	8.0	8.1	8.4	8.9				
8H 4H	7.4	7.8	7.8	8.2	8.6	7.8	8.1	8.2	8.5	8.9				
6H	7.3	7.6	7.8	8.0	8.5	7.6	7.9	8.1	8.4	8.8				
8H	7.2	7.5	7.7	8.0	8.4	7.6	7.9	8.1	8.3	8.8				
12H	7.2	7.4	7.7	7.9	8.4	7.5	7.7	8.0	8.2	8.7				
12H 4H	7.4	7.7	7.8	8.1	8.5	7.7	8.0	8.1	8.4	8.9				
6H	7.2	7.5	7.7	8.0	8.4	7.6	7.9	8.1	8.3	8.8				
8H	7.2	7.4	7.7	7.9	8.4	7.5	7.7	8.0	8.2	8.7				
Variations with the observer position at spacings:														
S = 1.0H	+ 2.2 / - 4.4					+ 2.1 / - 4.1								
1.5H	+ 3.0 / - 3.0					+ 3.0 / - 2.7								
2.0H	+ 3.8 / - 5.5					+ 3.5 / - 4.1								

CIE Pub.117, 2127 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.6$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:23DEG
Operators:XYJ
Test Date:2018-10-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

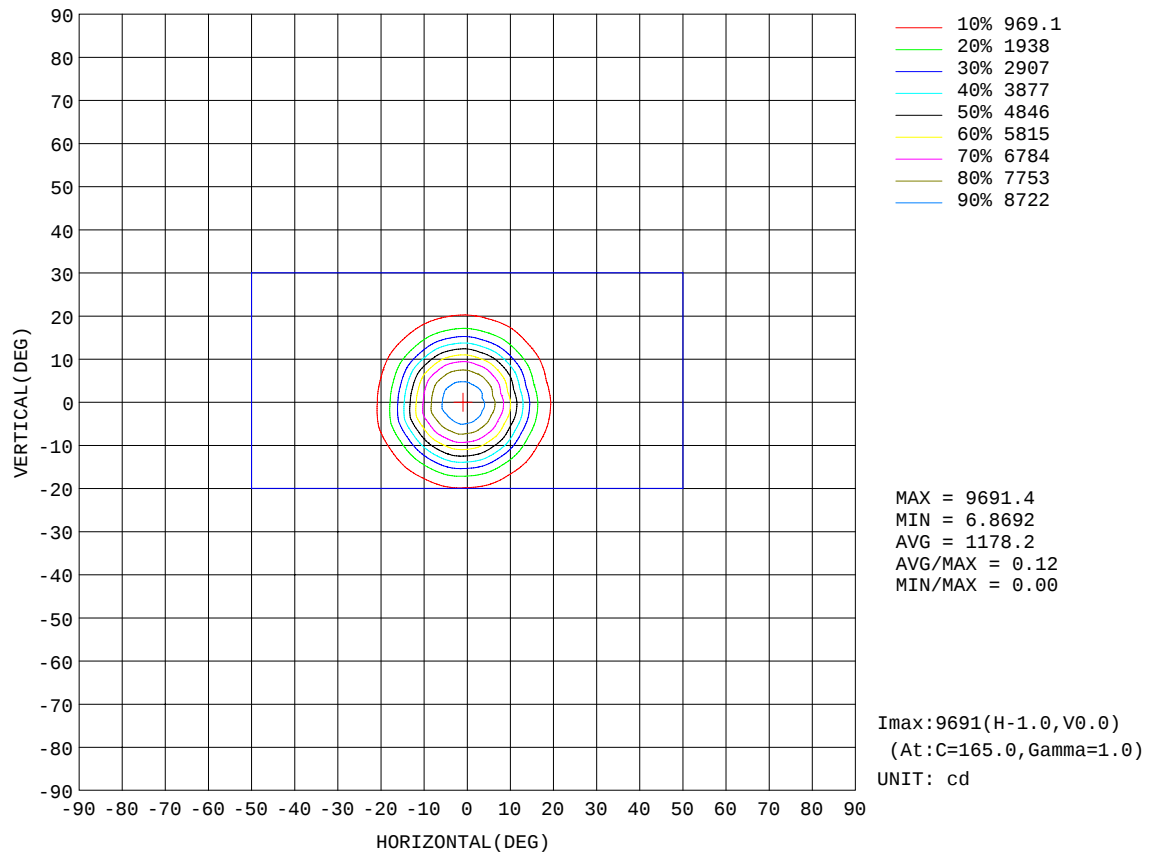
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	80	75	71	79	74	71	79	74	71	68
0.80	86	81	78	85	81	78	84	80	78	75
1.00	90	85	82	89	84	82	87	84	81	78
1.25	93	89	86	92	88	85	90	87	84	81
1.50	95	91	88	94	90	88	92	89	87	83
2.00	97	94	91	96	93	90	93	91	89	84
2.50	98	95	93	97	94	92	94	92	90	84
3.00	100	97	95	98	96	94	95	93	91	85
4.00	101	99	97	99	98	96	96	95	93	87
5.00	103	101	99	100	99	98	97	96	95	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:23DEG
 Operators:XYJ
 Test Date:2018-10-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.300m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

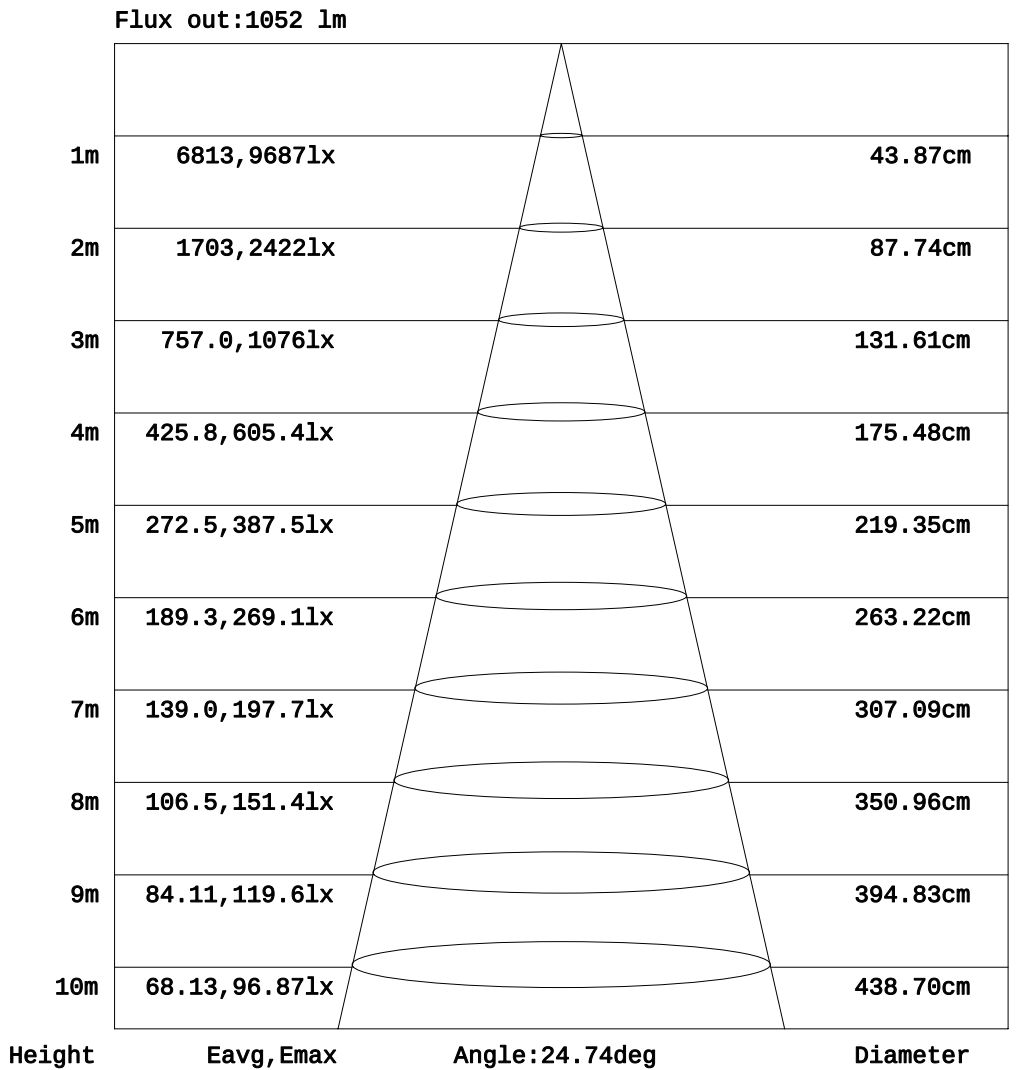


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:23DEG
Operators:XYJ
Test Date:2018-10-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

AAI Figure

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:



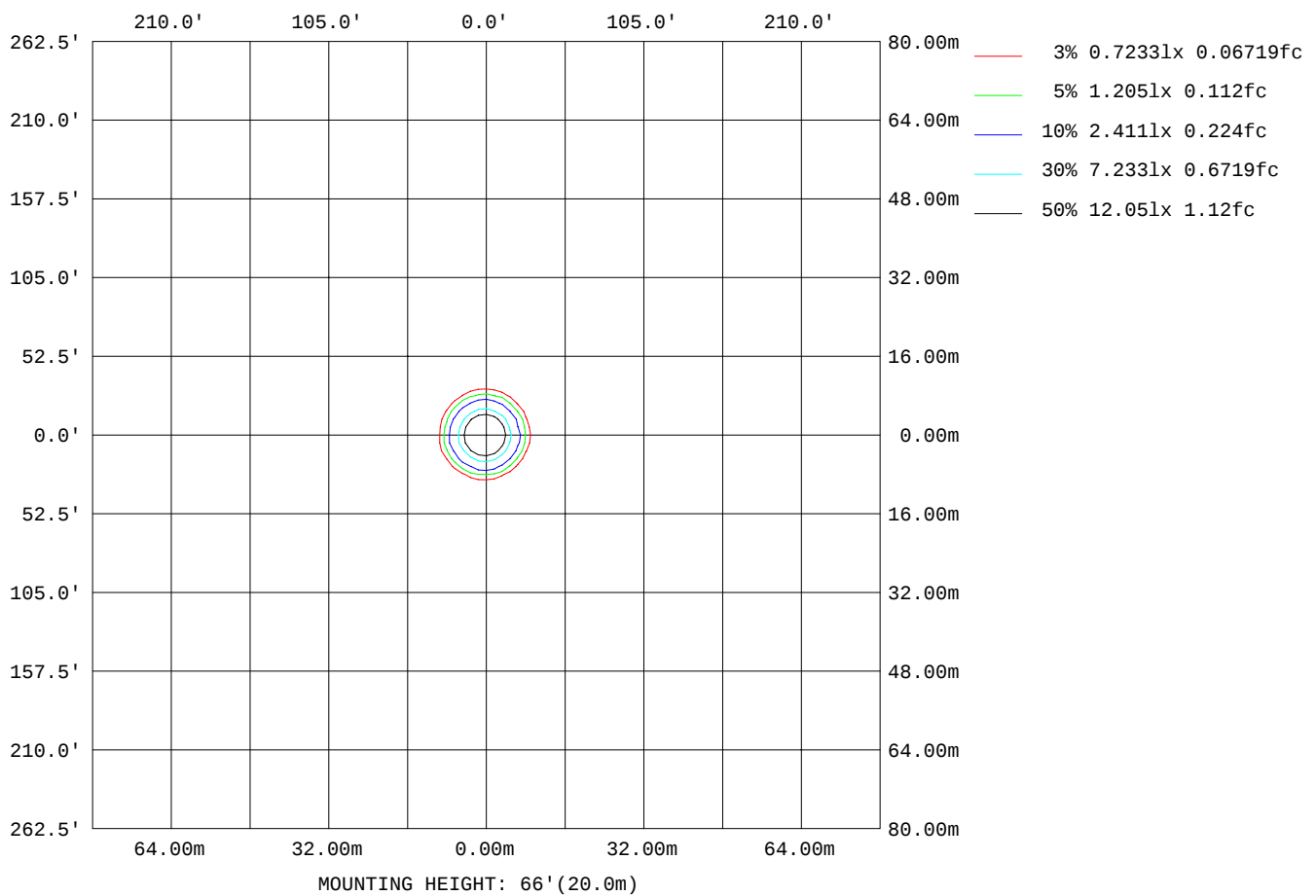
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: MEDIUM
 Temperature:23DEG
 Operators:XYJ
 Test Date:2018-10-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.300m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:23DEG
Operators:XYJ
Test Date:2018-10-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

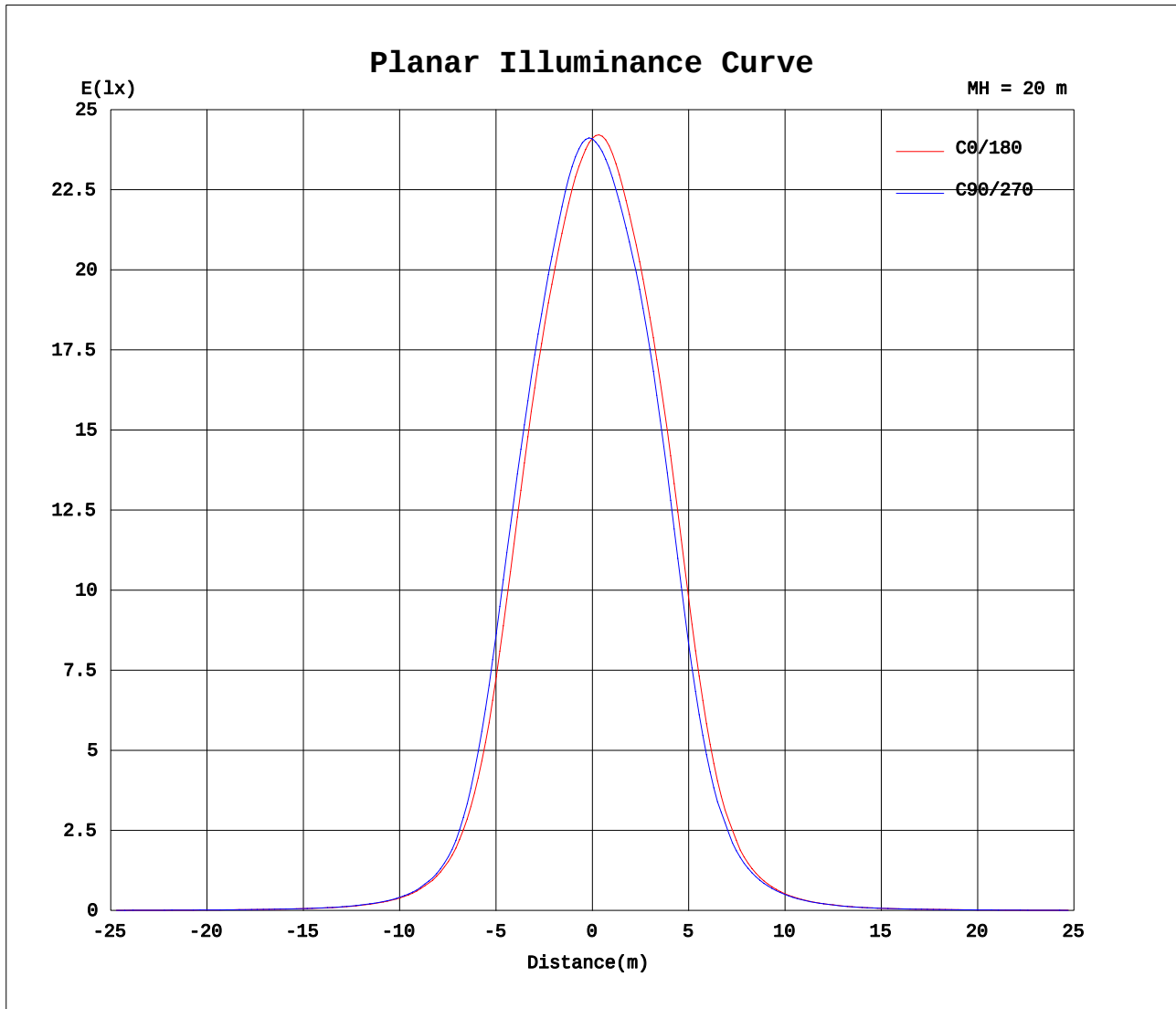
AvgL	cd/m2
L_0~180(65)av	1338
L_0~180(75)av	0
L_0~180(85)av	0
L_90~270(65)av	1470
L_90~270(75)av	0
L_90~270(85)av	0
L_45(65)av	1424
L_45(75)av	0
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:23DEG
Operators:XYJ
Test Date:2018-10-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_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: MEDIUM
 Temperature: 23DEG
 Operators: XYJ
 Test Date: 2018-10-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.300m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632	9632
5	8340	8379	8328	8462	8486	8640	8681	8854	8869	8843	8894	9083	8959	8921	8958	8850	8801	8693	8618
10	5843	5871	5749	5975	6034	6259	6346	6580	6592	6788	6851	7160	6898	6879	6985	6798	6742	6554	6404
15	2600	2634	2538	2742	2799	3030	3120	3358	3376	3491	3564	3931	3595	3501	3603	3389	3351	3151	3034
20	833	821	771	818	823	889	921	1015	1033	1160	1156	1328	1205	1148	1232	1119	1135	1045	1015
25	293	287	268	280	281	298	309	335	342	385	403	440	398	406	417	403	397	388	371
30	123	123	116	121	121	128	129	137	140	154	158	173	160	161	169	164	165	160	156
35	59.0	58.8	57.1	58.5	59.4	61.3	61.6	63.9	64.9	70.6	71.6	77.0	72.0	72.5	75.0	73.0	74.3	72.9	70.9
40	34.7	34.7	33.9	34.8	35.4	36.0	35.3	36.7	37.0	39.8	40.2	42.4	40.3	40.4	41.0	40.2	40.9	40.5	39.3
45	22.2	22.2	21.7	22.3	22.8	23.0	22.4	23.3	23.8	25.2	25.6	26.8	25.6	25.0	25.2	24.6	25.2	24.9	24.3
50	14.0	14.0	13.7	14.0	14.4	14.7	14.2	15.0	15.4	15.9	16.3	17.0	16.3	15.7	15.6	15.3	15.5	15.4	15.2
55	8.28	8.34	8.17	8.51	8.82	9.05	8.61	9.28	9.58	9.62	9.87	10.4	9.84	9.36	9.31	9.16	9.32	9.23	9.04
60	4.33	4.44	4.63	5.14	5.46	5.45	5.03	5.52	5.68	5.53	5.60	5.75	5.37	5.17	5.15	5.05	5.22	5.02	4.91
65	1.65	1.61	1.88	2.10	2.36	2.39	2.30	2.71	2.93	2.73	2.67	2.57	2.46	2.25	2.39	2.15	2.38	2.13	2.21
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.30	0.33	0.20	0.32	0.02	0.04	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	3.08	3.03	3.22	2.95	2.89	2.64	2.51	2.21	2.17	1.89	1.82	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	8.22	8.18	8.40	8.03	7.94	7.61	7.41	7.03	6.94	6.59	6.46	5.96	2.52	2.53	2.38	2.62	2.69	2.95	3.13
140	14.2	14.2	14.4	14.1	14.0	13.6	13.4	13.0	12.9	12.5	12.3	11.8	7.56	7.56	7.40	7.72	7.83	8.19	8.43
145	20.0	20.0	20.1	19.9	19.8	19.5	19.3	18.9	18.8	18.4	18.3	17.9	13.7	13.7	13.5	13.9	14.0	14.4	14.6
150	24.2	24.2	24.3	24.1	24.1	24.0	23.8	23.6	23.5	23.2	23.1	22.9	19.7	19.7	19.6	19.9	20.0	20.3	20.5
155	26.3	26.2	26.1	26.1	26.2	26.4	26.3	26.3	26.1	25.9	25.9	26.0	24.3	24.3	24.1	24.3	24.4	24.6	24.7
160	25.8	25.6	25.4	25.4	25.7	26.1	26.3	26.4	26.2	26.1	26.3	26.7	26.1	26.0	25.9	25.8	25.9	26.1	26.0
165	22.5	22.3	21.9	22.3	22.7	23.1	23.4	23.8	23.8	23.8	24.0	24.7	24.3	24.3	24.3	24.2	24.3	24.2	24.0
170	17.3	17.2	17.3	17.6	17.9	18.3	18.8	19.3	19.4	19.7	20.0	20.5	20.2	20.3	20.6	20.3	20.2	20.0	19.7
175	13.0	13.0	13.2	13.8	14.1	14.2	14.5	15.0	15.3	15.5	15.7	16.0	15.6	15.8	16.3	16.2	16.0	15.7	15.2
180	12.8	12.9	13.2	13.6	13.3	13.1	13.1	13.1	13.2	13.5	13.3	13.2	12.8	12.9	13.2	13.5	13.3	13.1	13.1

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:23DEG
Operators:XYJ
Test Date:2018-10-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VN-TL0030-03	TYPE:3000K CRI90 Black	WEIGHT:
SPEC.:S	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	9632	9632	9632	9632	9632													
5	8507	8468	8408	8364	8216													
10	6178	6128	5939	5893	5630													
15	2811	2795	2670	2641	2410													
20	946	946	855	848	769													
25	350	344	310	305	278													
30	146	143	131	128	117													
35	66.5	64.7	59.9	59.0	55.8													
40	37.3	36.3	33.9	33.9	32.8													
45	23.0	22.5	21.2	21.2	20.8													
50	14.3	14.0	13.4	13.3	13.0													
55	8.47	8.37	8.33	8.07	7.71													
60	4.67	4.47	4.50	4.23	3.96													
65	1.94	1.84	1.76	1.65	1.30													
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	0.03	0.09	0.37													
135	3.46	3.55	3.79	3.93	4.41													
140	8.85	8.98	9.24	9.43	10.0													
145	15.1	15.2	15.5	15.7	16.3													
150	20.9	20.9	21.1	21.3	21.8													
155	24.9	24.8	24.8	24.8	25.2													
160	25.9	25.6	25.3	25.3	25.4													
165	23.6	23.4	22.9	22.5	22.4													
170	19.2	18.8	18.4	18.1	17.5													
175	15.0	14.9	14.5	13.9	13.5													
180	13.1	13.2	13.6	13.3	13.2													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: MEDIUM
Temperature:23DEG
Operators:XYJ
Test Date:2018-10-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.300m [K=1.0000]
Remarks: