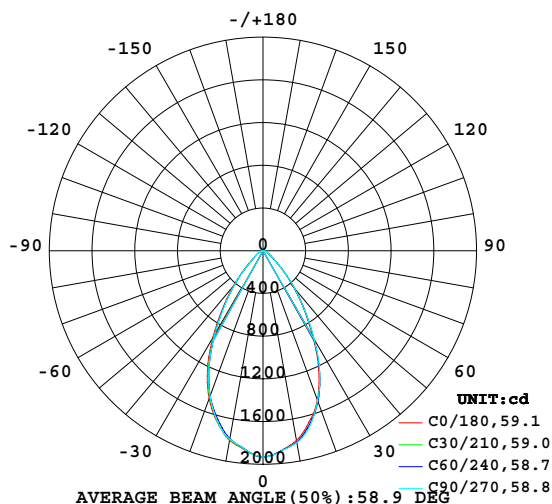


LUMINAIRE PHOTOMETRIC TEST REPORT

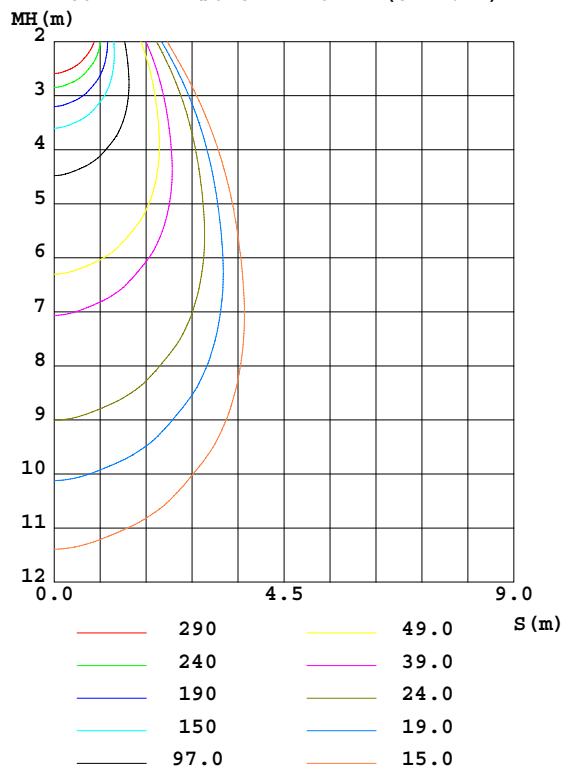
NAME: VN-TL0020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 96.42 lm/W
MODEL	CXA1820	Imax(cd)	1933	S/MH(C0/180)	0.90	
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.88	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2009.7	h UP,DN(C0-180)	0.8,50.6	
NOMINAL FLUX(lm)	2009.67	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.7,47.9	
LAMPS INSIDE	1	h up(%)	1.5	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)	230	h down(%)	98.5	CIBSE SHR MAX	0.95	

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:2019-7-31

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:

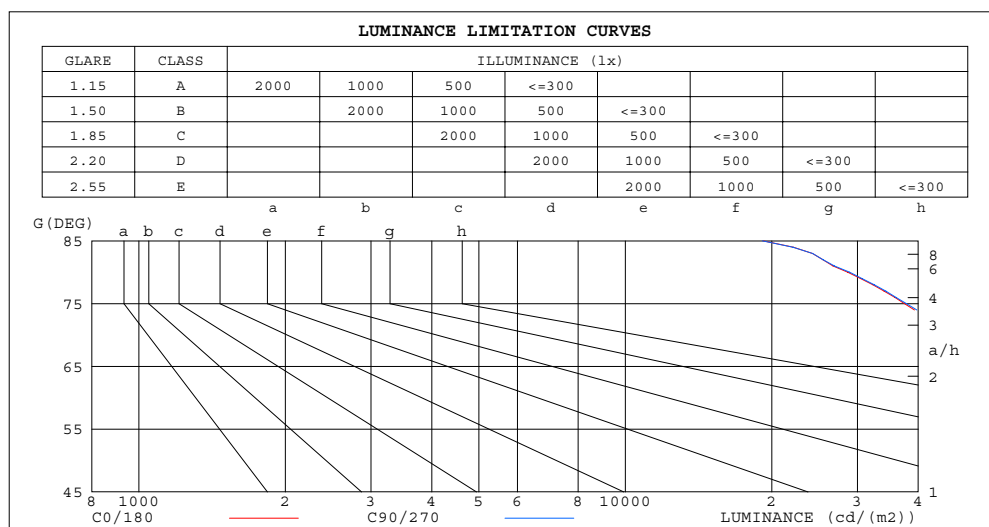
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	1803	1827	1824	1818	1804	1790	1791	1796	0- 10	177.2	177.2	8.82,8.82
20	1489	1507	1496	1505	1476	1442	1450	1464	10- 20	466.0	643.2	32,32
30	937.6	965.2	961.9	968.1	938.2	894.5	899.9	899.4	20- 30	557.9	1201	59.8,59.8
40	451.3	465.3	463.0	457.1	432.4	407.4	413.8	417.1	30- 40	414.6	1616	80.4,80.4
50	155.4	165.4	159.8	150.9	139.8	128.5	131.5	135.2	40- 50	205.6	1821	90.6,90.6
60	65.91	69.12	67.70	67.28	63.90	60.67	61.45	61.64	50- 60	86.47	1908	94.9,94.9
70	32.70	34.26	33.69	33.83	32.37	31.27	31.52	31.52	60- 70	47.24	1955	97.3,97.3
80	9.687	10.03	9.868	10.39	9.664	9.048	9.191	9.125	70- 80	20.86	1976	98.3,98.3
90	0	0	0	0	0	0	0	0	80- 90	3.844	1980	98.5,98.5
100	0	0	0	0	0	0	0	0	90-100	0	1980	98.5,98.5
110	0	0	0	0	0	0	0	0	100-110	0	1980	98.5,98.5
120	2.279	2.067	2.079	2.109	1.172	1.265	1.224	1.168	110-120	0.4958	1980	98.5,98.5
130	6.135	5.844	5.905	5.909	4.676	4.809	4.757	4.695	120-130	3.031	1983	98.7,98.7
140	10.49	10.17	10.26	10.27	8.893	8.986	8.969	8.824	130-140	5.724	1989	99,99
150	14.31	14.03	14.22	14.17	12.80	12.82	12.89	12.55	140-150	7.244	1996	99.3,99.3
160	16.65	16.68	16.91	16.84	15.53	15.72	15.75	15.32	150-160	6.860	2003	99.7,99.7
170	18.36	18.33	18.52	18.48	17.91	18.04	17.95	17.61	160-170	4.847	2008	99.9,99.9
180	19.67	19.91	19.64	19.82	19.69	19.88	19.65	19.80	170-180	1.795	2010	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:2019-7-31

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-TL0020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	19195	19126
80	28651	28916
75	37451	37806
70	49107	50126
65	57856	59535
60	67697	68898
55	87085	87677
50	124141	126503
45	196788	201299

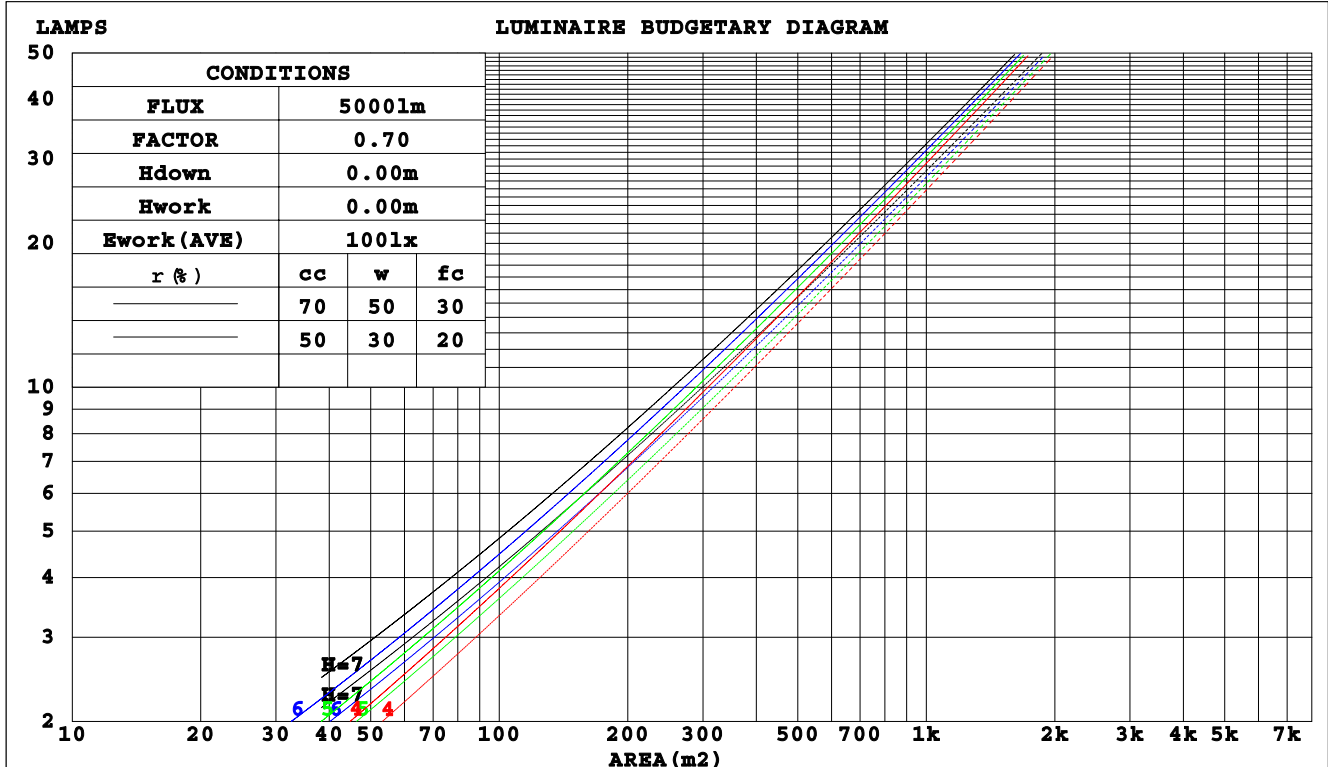
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 23DEG
Operators: XYJ
Test Date: 2019-7-31

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-TLO020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	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
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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.09	1.06	1.04	1.07	1.04	1.02	1.02	1.00	.99	.98	.97	.95	.95	.94	.92	.90
2.0	1.00	.96	.92	.98	.94	.91	.95	.91	.88	.92	.89	.86	.89	.86	.84	.82
3.0	.92	.87	.82	.91	.86	.81	.88	.84	.80	.85	.82	.79	.83	.80	.77	.75
4.0	.85	.79	.74	.84	.78	.74	.82	.77	.73	.79	.75	.72	.77	.74	.71	.69
5.0	.79	.73	.68	.78	.72	.67	.76	.71	.67	.74	.70	.66	.72	.68	.65	.64
6.0	.74	.67	.62	.73	.67	.62	.71	.66	.61	.69	.65	.61	.68	.64	.60	.59
7.0	.69	.62	.57	.68	.62	.57	.66	.61	.57	.65	.60	.56	.64	.59	.56	.54
8.0	.64	.58	.53	.64	.57	.53	.62	.57	.53	.61	.56	.52	.60	.56	.52	.51
9.0	.60	.54	.50	.60	.54	.50	.59	.53	.49	.58	.53	.49	.57	.52	.49	.47
10.0	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.54	.49	.46	.44



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-7-31

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-TLO020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	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
rhc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.202	.115	.036	.195	.111	.035	.181	.104	.033	.169	.097	.031	.157	.091	.029	
2.0	.194	.106	.033	.188	.104	.032	.176	.098	.030	.166	.093	.029	.156	.088	.028	
3.0	.184	.098	.029	.179	.096	.029	.169	.092	.028	.160	.088	.027	.151	.084	.026	
4.0	.175	.091	.027	.170	.089	.026	.161	.086	.026	.153	.082	.025	.146	.079	.024	
5.0	.166	.084	.024	.161	.083	.024	.154	.080	.024	.147	.077	.023	.140	.075	.022	
6.0	.157	.079	.023	.153	.078	.022	.147	.075	.022	.140	.073	.021	.134	.071	.021	
7.0	.149	.074	.021	.146	.073	.021	.140	.071	.020	.134	.069	.020	.129	.067	.020	
8.0	.142	.069	.020	.139	.069	.019	.134	.067	.019	.128	.065	.019	.124	.063	.018	
9.0	.135	.065	.018	.133	.065	.018	.128	.063	.018	.123	.062	.018	.119	.060	.017	
10.0	.129	.062	.017	.127	.061	.017	.122	.060	.017	.118	.059	.017	.114	.057	.016	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rhc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.184	.169	.154	.158	.145	.133	.108	.100	.092	.062	.058	.053	.020	.019	.017	
2.0	.171	.144	.121	.146	.124	.105	.100	.086	.073	.058	.050	.043	.019	.016	.014	
3.0	.160	.125	.098	.137	.108	.085	.094	.075	.060	.054	.044	.035	.017	.014	.012	
4.0	.150	.111	.081	.129	.096	.070	.089	.067	.050	.051	.039	.029	.016	.013	.010	
5.0	.142	.100	.068	.122	.086	.060	.084	.060	.042	.049	.035	.025	.016	.012	.008	
6.0	.135	.091	.059	.116	.079	.051	.080	.055	.036	.046	.032	.022	.015	.011	.007	
7.0	.128	.083	.052	.111	.072	.045	.076	.051	.032	.044	.030	.019	.014	.010	.006	
8.0	.123	.077	.046	.106	.067	.040	.073	.047	.028	.043	.028	.017	.014	.009	.006	
9.0	.118	.072	.042	.101	.063	.036	.070	.044	.026	.041	.026	.015	.013	.009	.005	
10.0	.113	.068	.038	.097	.059	.033	.067	.041	.024	.039	.025	.014	.013	.008	.005	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-7-31

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-TLO020-01 WHITE					TYPE:LED TRACK LIGHT					WEIGHT:				
SPEC.:CRI80 3000K 60D					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					27.1	28.2	27.4	28.4	28.6	27.2	28.2	27.4	28.4	28.6
3H					27.3	28.3	27.6	28.5	28.7	27.4	28.3	27.7	28.6	28.8
4H					27.3	28.3	27.7	28.5	28.8	27.4	28.3	27.7	28.6	28.8
6H					27.3	28.2	27.7	28.5	28.8	27.4	28.3	27.7	28.5	28.8
8H					27.3	28.1	27.7	28.4	28.7	27.4	28.2	27.7	28.5	28.8
12H					27.3	28.1	27.6	28.4	28.7	27.4	28.1	27.7	28.4	28.8
4H 2H					27.1	28.0	27.4	28.3	28.5	27.1	28.1	27.4	28.3	28.6
3H					27.4	28.2	27.7	28.5	28.8	27.4	28.2	27.8	28.5	28.9
4H					27.5	28.2	27.9	28.5	28.9	27.5	28.3	27.9	28.6	28.9
6H					27.5	28.2	27.9	28.5	28.9	27.6	28.2	28.0	28.6	29.0
8H					27.5	28.1	27.9	28.5	28.9	27.6	28.2	28.0	28.5	28.9
12H					27.5	28.0	27.9	28.4	28.9	27.6	28.1	28.0	28.5	28.9
8H 4H					27.4	28.0	27.9	28.4	28.8	27.5	28.1	27.9	28.5	28.9
6H					27.5	28.0	28.0	28.4	28.9	27.6	28.1	28.0	28.5	28.9
8H					27.5	28.0	28.0	28.4	28.9	27.6	28.0	28.1	28.5	28.9
12H					27.5	27.9	28.0	28.4	28.9	27.6	27.9	28.1	28.4	28.9
12H 4H					27.4	27.9	27.8	28.3	28.8	27.5	28.0	27.9	28.4	28.8
6H					27.5	27.9	28.0	28.4	28.8	27.6	28.0	28.0	28.4	28.9
8H					27.5	27.9	28.0	28.3	28.8	27.6	27.9	28.1	28.4	28.9
Variations with the observer position at spacings:														
S = 1.0H					+ 1.5 / - 2.5					+ 1.5 / - 2.5				
1.5H					+ 2.4 / - 2.1					+ 2.4 / - 2.1				
2.0H					+ 3.0 / - 1.8					+ 3.0 / - 1.7				

CIE Pub.117, 2010 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.4$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-7-31

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-TLO020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

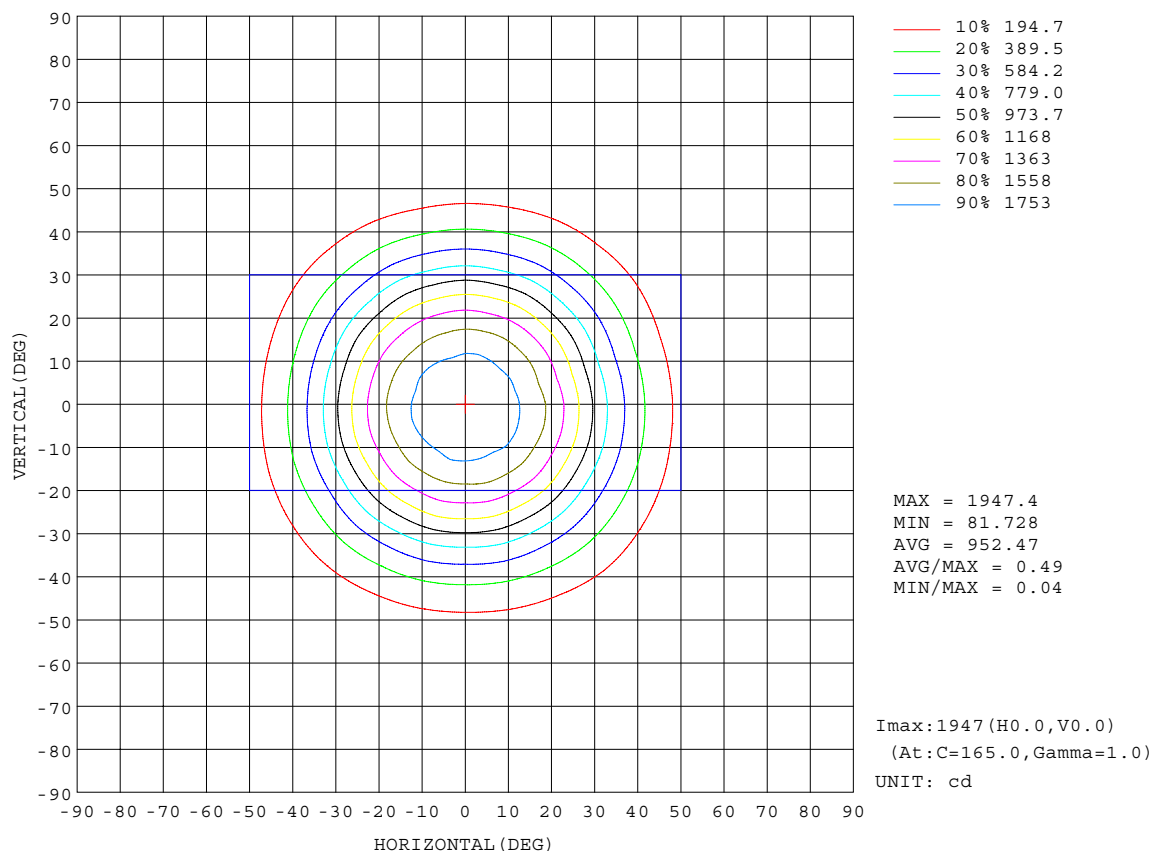
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	79	72	67	79	71	67	78	71	67	62
0.80	88	80	76	87	80	76	85	79	75	71
1.00	93	87	82	92	86	82	90	86	81	76
1.25	98	92	88	97	91	87	95	90	86	81
1.50	102	96	92	100	95	91	98	93	90	84
2.00	105	100	96	104	99	95	101	97	94	88
2.50	107	103	99	106	101	98	102	99	96	89
3.00	109	105	102	107	104	101	104	101	98	91
4.00	112	108	106	110	107	104	106	103	101	93
5.00	113	110	108	111	108	106	107	105	103	95
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:2019-7-31

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-TL0020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:



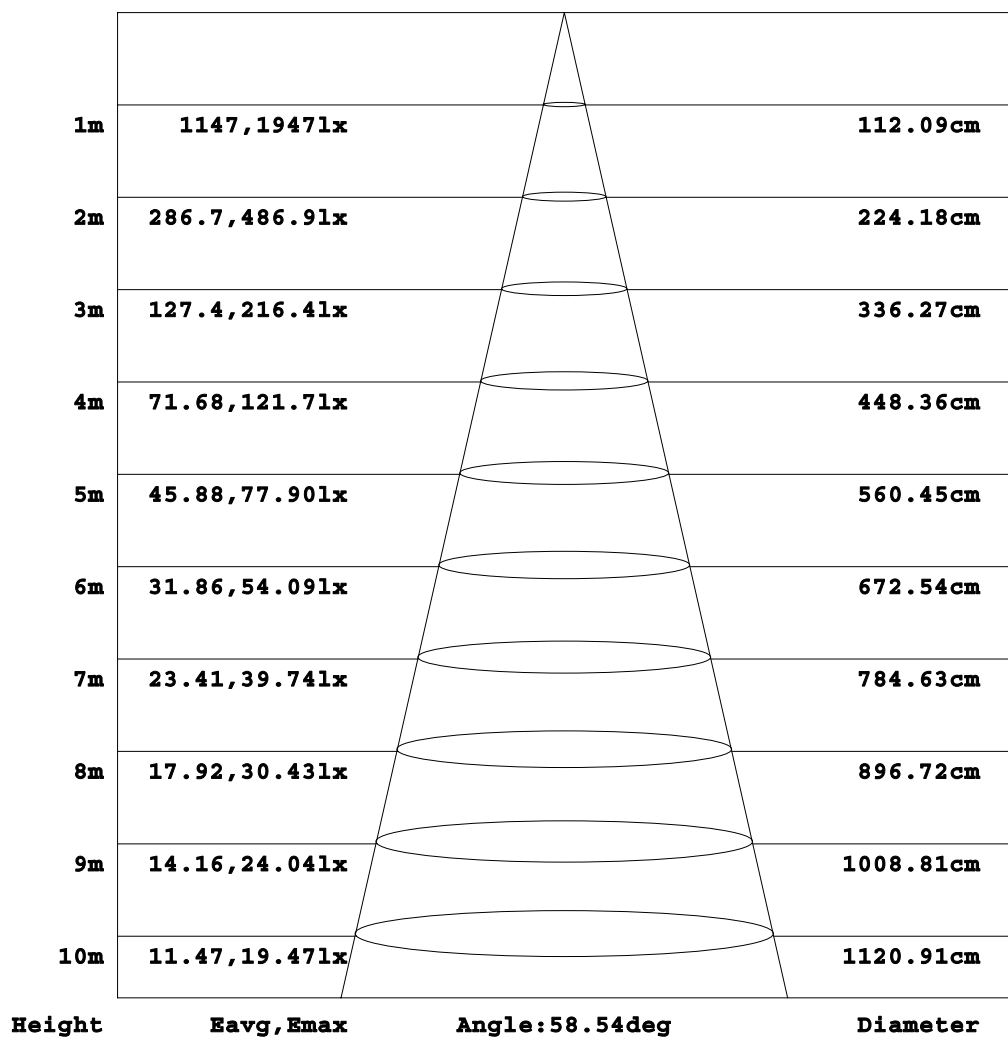
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-7-31

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-TLO020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

Flux out:1201 lm



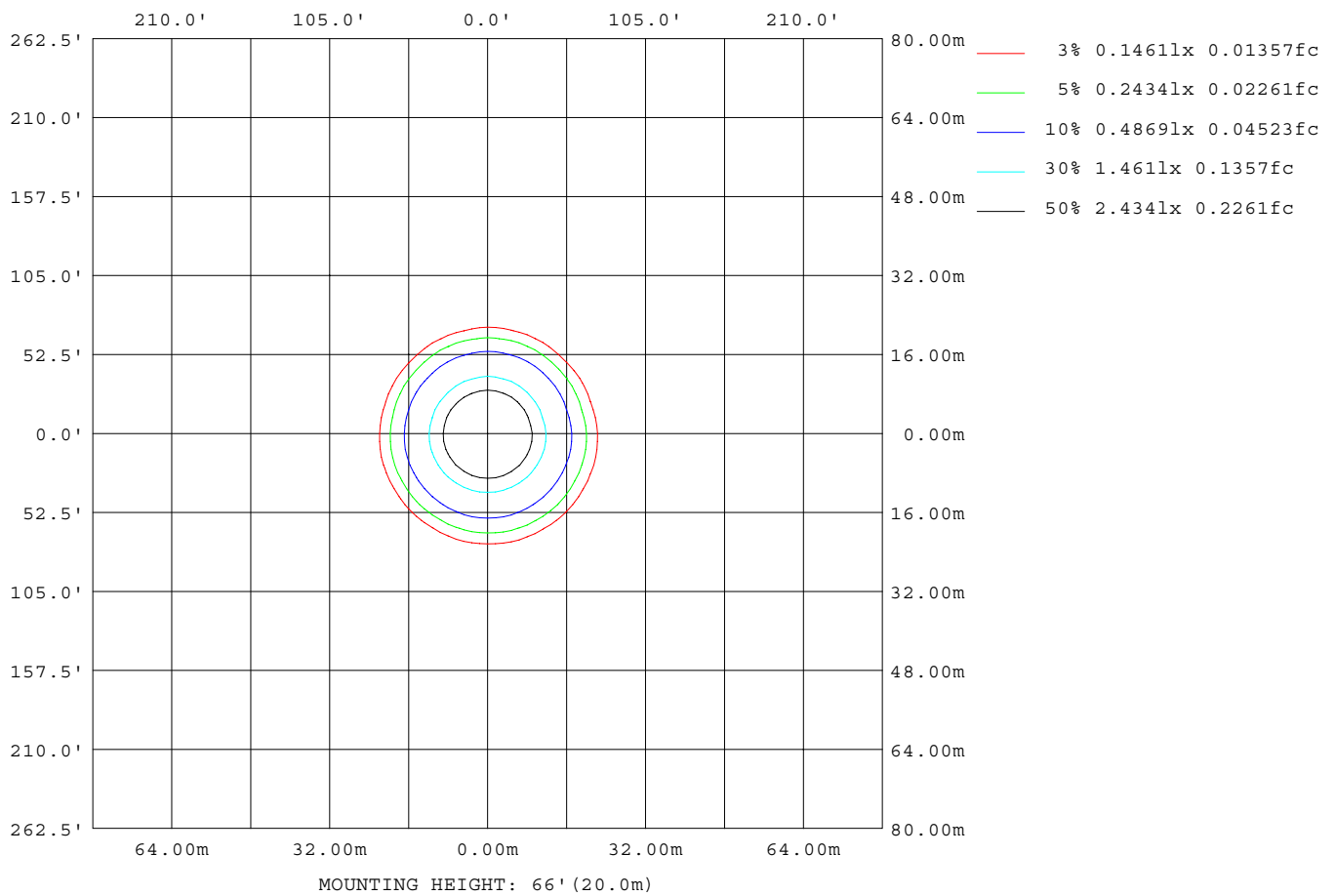
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:23DEG
 Operators:XYJ
 Test Date:2019-7-31

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-TLO020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	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:2019-7-31

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-TL0020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

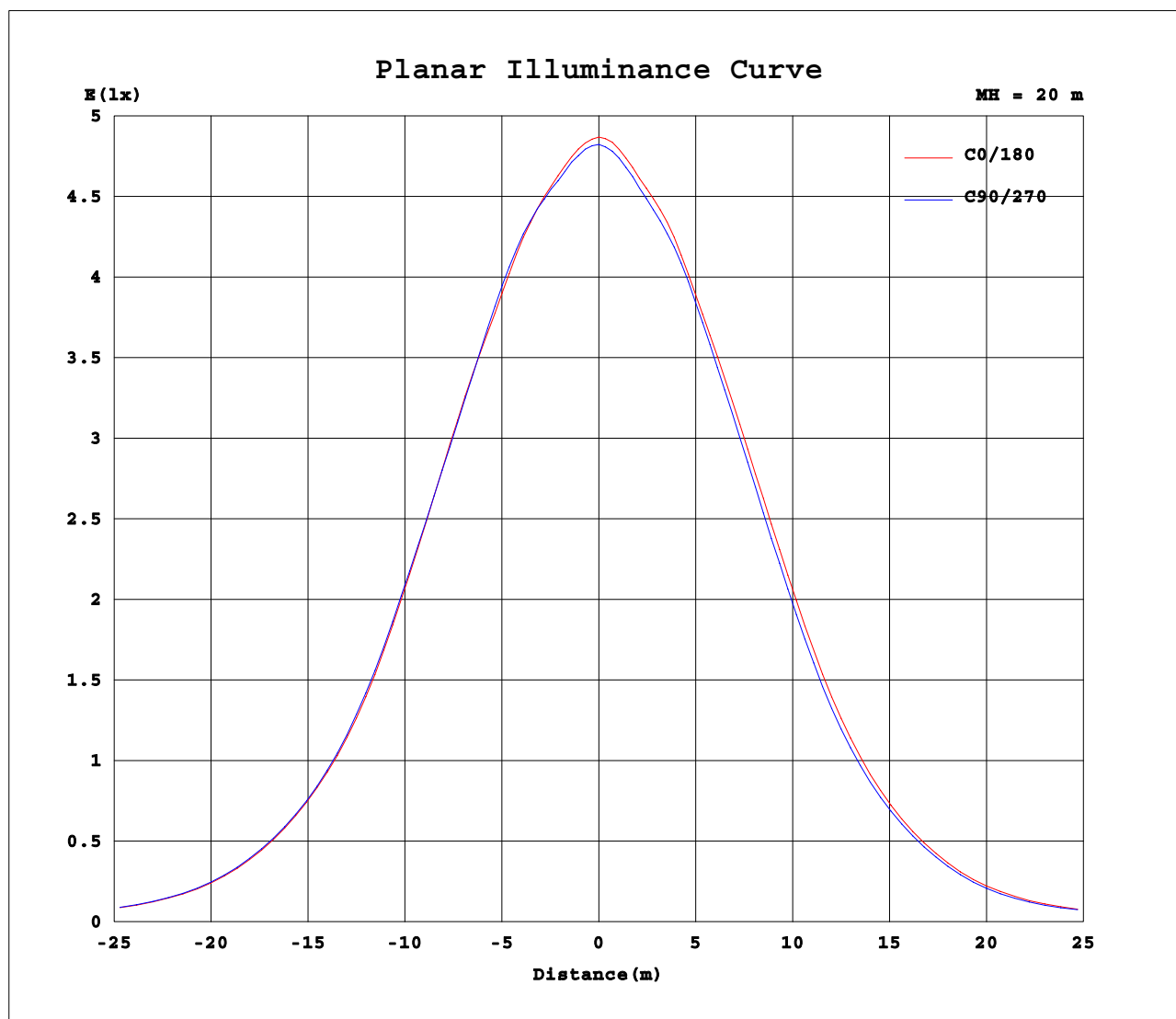
AvgL	cd/m2
L_0~180(65)av	56912
L_0~180(75)av	37281
L_0~180(85)av	18587
L_90~270(65)av	57318
L_90~270(75)av	37029
L_90~270(85)av	18296
L_45(65)av	57143
L_45(75)av	37307
L_45(85)av	18347

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-7-31

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: 2019-7-31

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-TLO020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	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	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932	1932
5	1883	1886	1885	1886	1884	1891	1886	1889	1887	1890	1888	1889	1879	1872	1872	1865	1870	1869	1873
10	1803	1814	1819	1827	1820	1825	1824	1829	1819	1818	1815	1819	1804	1793	1794	1790	1787	1785	1791
15	1663	1678	1693	1702	1684	1695	1697	1703	1684	1690	1691	1692	1660	1645	1655	1642	1634	1633	1652
20	1489	1503	1498	1507	1504	1510	1496	1501	1498	1505	1491	1496	1476	1464	1461	1442	1446	1444	1450
25	1237	1253	1255	1265	1255	1264	1256	1265	1253	1261	1253	1260	1232	1212	1212	1193	1192	1185	1197
30	938	958	953	965	957	970	962	970	963	968	960	965	938	912	916	894	901	886	900
35	671	685	678	687	685	696	686	694	686	692	680	686	660	643	640	627	635	626	631
40	451	462	460	465	461	470	463	466	455	457	449	453	432	421	419	407	413	408	414
45	271	281	281	286	283	286	280	279	269	269	263	266	250	240	237	229	232	228	235
50	155	160	161	165	161	163	160	159	151	151	147	149	140	134	133	129	129	127	131
55	97.3	99.1	99.4	100	99.3	101	98.8	98.8	96.1	95.5	93.6	94.5	90.1	88.4	87.5	85.6	85.7	84.9	86.1
60	65.9	68.1	67.2	69.1	67.9	69.7	67.7	68.4	66.4	67.3	65.7	67.6	63.9	62.4	62.6	60.7	61.2	60.1	61.4
65	47.6	48.6	48.7	49.7	49.6	50.2	49.4	49.6	48.7	48.9	48.3	48.8	46.8	46.3	46.3	45.4	45.7	45.0	45.6
70	32.7	33.4	33.5	34.3	34.0	34.3	33.7	34.0	33.5	33.8	33.5	33.9	32.4	32.1	32.1	31.3	31.6	31.0	31.5
75	18.9	19.3	19.2	19.5	19.2	19.5	19.2	19.6	19.4	20.0	19.8	20.1	19.0	19.0	18.9	18.2	18.4	18.0	18.4
80	9.69	10.00	9.82	10.0	9.90	10.1	9.87	10.2	10.03	10.4	10.2	10.5	9.66	9.52	9.53	9.05	9.22	8.98	9.19
85	3.26	3.40	3.26	3.45	3.28	3.43	3.28	3.43	3.27	3.50	3.40	3.67	3.10	2.90	3.04	2.83	2.97	2.80	2.98
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	0.75	0.68	0.65	0.59	0.59	0.56	0.58	0.57	0.61	0.62	0.67	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	2.28	2.18	2.16	2.07	2.07	2.03	2.08	2.05	2.11	2.11	2.18	2.17	1.17	1.23	1.22	1.27	1.24	1.26	1.22
125	4.10	3.97	3.96	3.84	3.86	3.80	3.87	3.83	3.91	3.89	3.99	3.97	2.79	2.87	2.84	2.91	2.86	2.92	2.85
130	6.14	5.98	5.97	5.84	5.87	5.82	5.90	5.85	5.94	5.91	6.02	6.00	4.68	4.76	4.74	4.81	4.77	4.83	4.76
135	8.30	8.16	8.13	7.99	8.02	7.97	8.06	8.00	8.09	8.08	8.20	8.20	6.75	6.83	6.81	6.87	6.83	6.91	6.85
140	10.5	10.3	10.3	10.2	10.2	10.2	10.3	10.2	10.3	10.3	10.4	10.4	8.89	8.98	8.92	8.99	8.97	9.07	8.97
145	12.5	12.4	12.4	12.2	12.2	12.3	12.4	12.3	12.3	12.4	12.5	12.5	10.9	11.0	11.0	11.0	11.0	11.1	11.1
150	14.3	14.2	14.2	14.0	14.1	14.1	14.2	14.2	14.2	14.2	14.3	14.3	12.8	12.8	12.8	12.8	12.9	12.9	12.9
155	15.7	15.5	15.6	15.5	15.5	15.6	15.7	15.7	15.7	15.7	15.7	15.7	14.3	14.4	14.4	14.4	14.4	14.5	14.5
160	16.7	16.5	16.6	16.7	16.8	16.8	16.9	16.9	16.9	16.8	16.8	16.8	15.5	15.7	15.7	15.7	15.7	15.8	15.8
165	17.5	17.5	17.4	17.5	17.7	17.9	18.0	17.9	17.7	17.7	17.7	17.8	16.8	16.9	16.9	16.9	16.9	17.0	17.1
170	18.4	18.3	18.3	18.3	18.5	18.6	18.5	18.5	18.4	18.5	18.6	18.7	17.9	18.1	18.1	18.0	18.0	18.0	18.0
175	19.1	19.1	19.2	19.3	19.3	19.2	19.1	19.2	19.2	19.4	19.4	19.4	19.1	19.2	19.4	19.3	19.2	19.1	19.0
180	19.7	19.7	19.8	19.9	19.8	19.7	19.6	19.6	19.7	19.8	19.7	19.6	19.7	19.7	19.8	19.9	19.8	19.7	19.7

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-7-31

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-TL0020-01 WHITE	TYPE:LED TRACK LIGHT	WEIGHT:
SPEC.:CRI80 3000K 60D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) g (DEG)	285	300	315	330	345														
0	1932	1932	1932	1932	1932														
5	1871	1875	1875	1877	1875														
10	1795	1795	1796	1806	1804														
15	1655	1654	1652	1669	1666														
20	1447	1464	1464	1473	1465														
25	1193	1207	1207	1220	1215														
30	892	910	899	915	906														
35	626	641	635	646	641														
40	413	421	417	427	428														
45	235	237	237	249	251														
50	131	135	135	140	143														
55	86.2	87.5	88.4	91.8	92.5														
60	61.0	62.4	61.6	63.3	62.9														
65	45.5	46.0	45.6	46.6	46.2														
70	31.3	31.9	31.5	32.0	31.5														
75	18.2	18.6	18.2	18.5	18.0														
80	9.05	9.37	9.13	9.31	8.94														
85	2.82	2.98	2.77	2.88	2.61														
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	1.23	1.17	1.17	1.12	1.13														
125	2.86	2.79	2.81	2.73	2.76														
130	4.76	4.67	4.69	4.61	4.65														
135	6.83	6.72	6.75	6.65	6.70														
140	8.94	8.84	8.82	8.74	8.79														
145	11.0	10.8	10.8	10.7	10.8														
150	12.8	12.6	12.6	12.5	12.5														
155	14.3	14.1	14.0	14.0	14.0														
160	15.6	15.4	15.3	15.2	15.2														
165	16.9	16.7	16.4	16.3	16.4														
170	17.9	17.8	17.6	17.5	17.6														
175	19.0	19.1	19.0	18.8	18.8														
180	19.6	19.7	19.8	19.7	19.6														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:23DEG
Operators:XYJ
Test Date:2019-7-31

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: