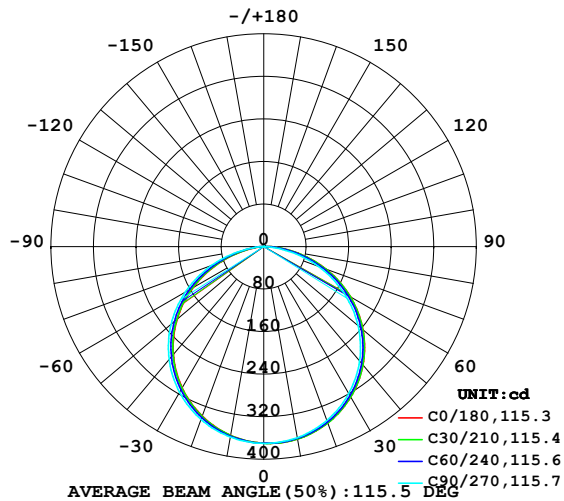


LUMINAIRE PHOTOMETRIC TEST REPORT

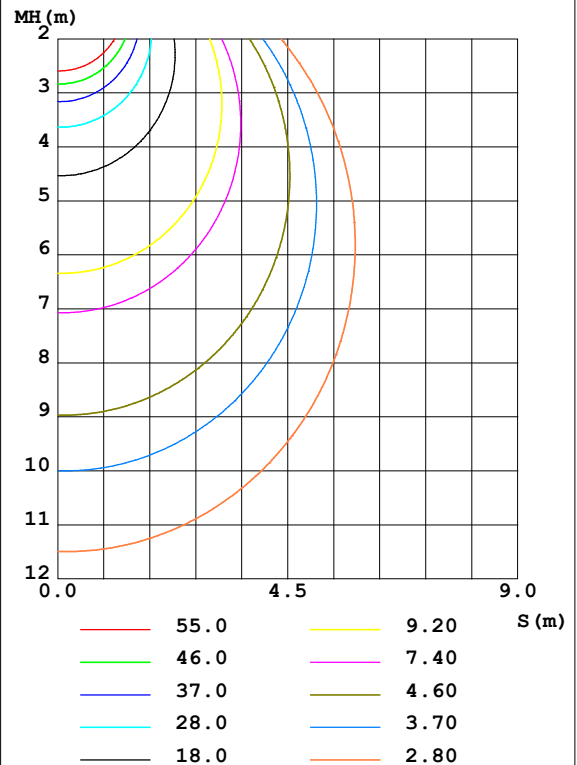
Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 61.36 lm/W			
MODEL	V120-24-32F7	Imax(cd)	371.1	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1092.6	η UP,DN(C0-180)	0.1,50.8
NOMINAL FLUX(lm)	1092.61	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.0
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	99.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

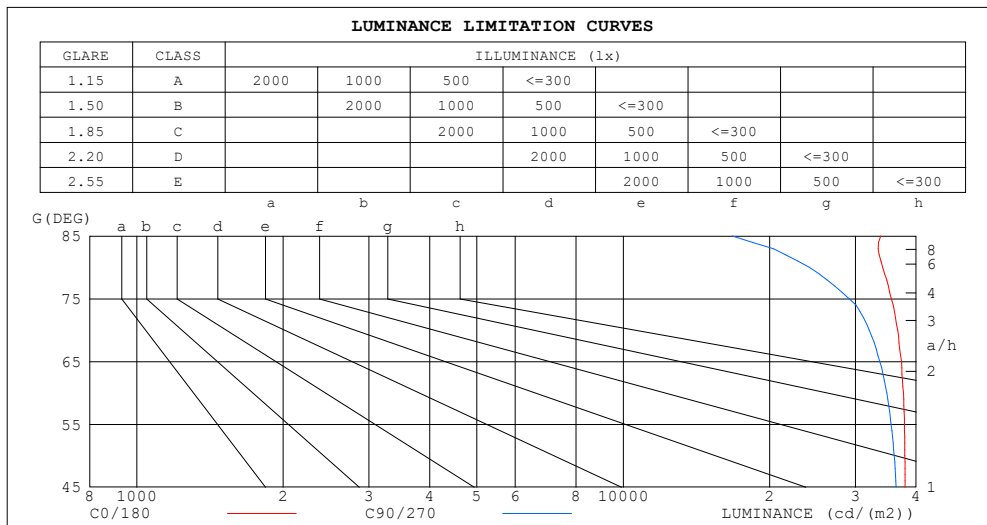
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	367.3	366.8	364.7	363.1	360.3	360.4	363.6	366.4	0- 10	35.04	35.04	3.21,3.21
20	352.9	352.2	347.8	343.7	339.0	339.6	345.7	350.3	10- 20	100.7	135.8	12.4,12.4
30	327.0	326.3	319.6	313.4	306.8	308.6	316.6	323.2	20- 30	153.7	289.5	26.5,26.5
40	290.4	289.5	280.6	272.3	264.4	266.3	277.0	284.8	30- 40	187.2	476.7	43.6,43.6
50	243.8	242.4	231.8	221.5	212.6	215.1	227.7	236.8	40- 50	196.5	673.2	61.6,61.6
60	188.3	186.5	174.0	162.3	152.7	155.8	169.6	180.2	50- 60	179.6	852.8	78.1,78.1
70	125.5	123.1	109.6	96.85	87.17	90.69	105.0	116.5	60- 70	137.9	990.8	90.7,90.7
80	59.30	57.59	41.89	34.35	25.58	29.32	38.19	51.28	70- 80	78.03	1069	97.8,97.8
90	7.354	8.105	0.2405	2.112	0.4345	1.309	0.1161	5.892	80- 90	21.07	1090	99.7,99.7
100	0.2538	0.2320	0.2102	0.2828	0.1958	0.1812	0.1596	0.1885	90-100	0.9385	1091	99.8,99.8
110	0.2392	0.2900	0.3190	0.3480	0.2610	0.2030	0.2393	0.1812	100-110	0.2433	1091	99.9,99.9
120	0.3190	0.3481	0.3335	0.4132	0.3190	0.2391	0.2829	0.2247	110-120	0.2799	1091	99.9,99.9
130	0.3695	0.3987	0.3768	0.4712	0.3915	0.3333	0.3553	0.3043	120-130	0.3011	1092	99.9,99.9
140	0.4566	0.4568	0.4422	0.5148	0.4784	0.3769	0.4133	0.3480	130-140	0.3113	1092	99.9,99.9
150	0.4638	0.4639	0.4567	0.5292	0.5436	0.4567	0.4713	0.4421	140-150	0.2793	1092	100,100
160	0.5145	0.4639	0.5438	0.5509	0.5654	0.4567	0.4929	0.4567	150-160	0.2199	1092	100,100
170	0.4205	0.4639	0.5002	0.4639	0.5654	0.4712	0.4929	0.4639	160-170	0.1377	1093	100,100
180	0.4712	0.4639	0.4639	0.4639	0.5219	0.4857	0.4639	0.4639	170-180	0.0458	1093	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	33853	16742
80	34150	24122
75	35588	29130
70	36680	32041
65	37311	33690
60	37669	34806
55	37861	35538
50	37929	36058
45	37949	36410

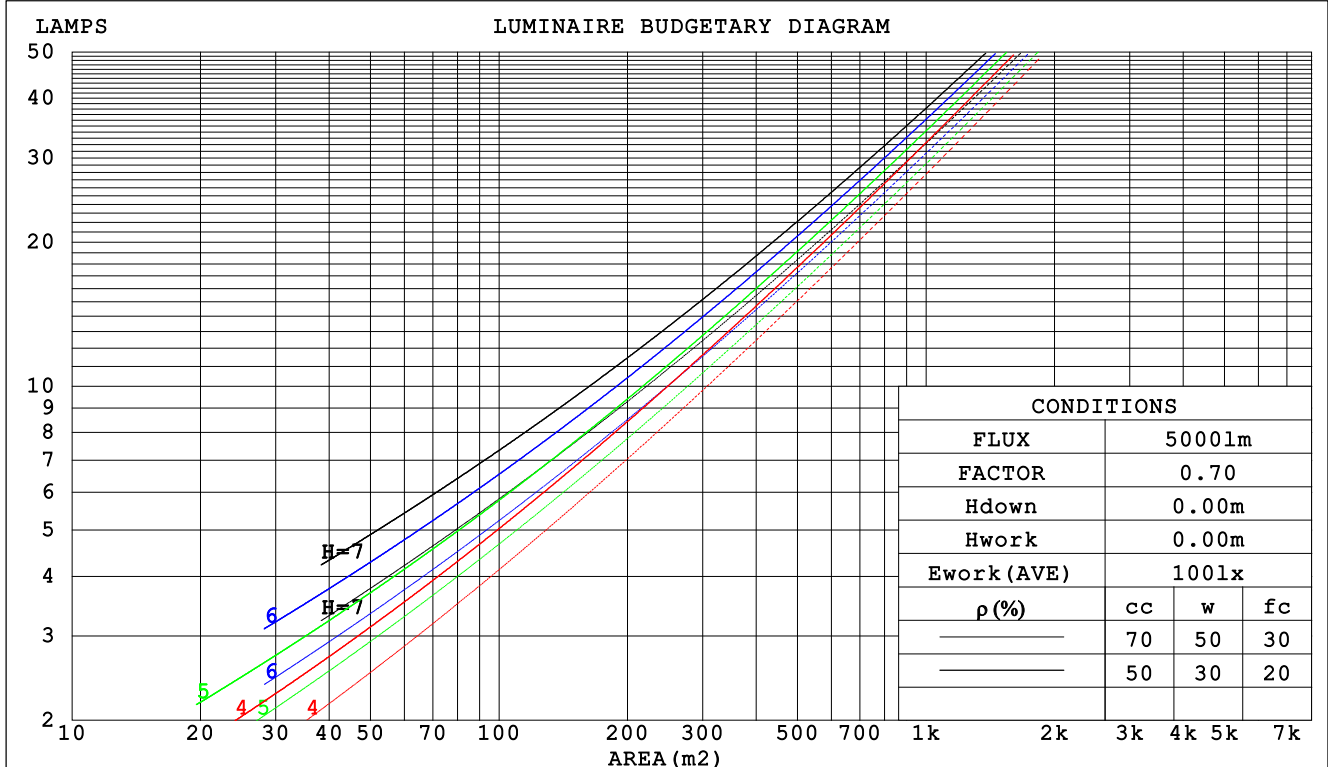
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000 SYSTEM V2.0.402
Humidity: 59.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	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	1.19	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	.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm					
NAME: YJ-VTC-RB-2835-24V-G01-32			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:2022030412
MFR.:			SUR.:		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.312	.178	.056	.305	.174	.055	.292	.167	.053	.280	.161	.052	.268	.155	.050		
2.0	.294	.161	.049	.288	.158	.049	.276	.153	.048	.265	.149	.047	.255	.144	.045		
3.0	.272	.145	.043	.266	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041		
4.0	.251	.130	.038	.246	.129	.038	.237	.126	.037	.228	.122	.037	.220	.120	.036		
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.112	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027		
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.158	.136	.156	.136	.117	.107	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.175	.134	.100	.149	.115	.086	.102	.080	.060	.059	.046	.035	.019	.015	.011	
3.0	.167	.116	.076	.143	.100	.066	.098	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.159	.103	.060	.137	.089	.052	.094	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.152	.093	.049	.130	.080	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.145	.084	.041	.124	.073	.036	.086	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.138	.077	.035	.119	.067	.031	.082	.047	.022	.048	.028	.013	.015	.009	.004	
8.0	.131	.072	.031	.113	.062	.027	.078	.044	.019	.046	.026	.011	.015	.008	.004	
9.0	.125	.067	.027	.108	.058	.024	.075	.041	.017	.044	.024	.010	.014	.008	.003	
10.0	.120	.062	.024	.103	.054	.021	.071	.038	.015	.042	.023	.009	.014	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm										
NAME: YJ-VTC-RB-2835-24V-G01-32					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:2022030412		
MFR.:					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	25.8	27.4	26.1	27.6	27.8	25.6	27.1	25.8	27.3	27.5
3H	27.6	29.0	27.9	29.2	29.5	27.1	28.6	27.5	28.8	29.0
4H	28.3	29.7	28.6	29.9	30.2	27.8	29.1	28.1	29.4	29.6
6H	28.9	30.2	29.2	30.4	30.7	28.1	29.4	28.5	29.7	30.0
8H	29.1	30.3	29.5	30.6	30.9	28.2	29.4	28.6	29.7	30.0
12H	29.3	30.4	29.6	30.7	31.0	28.3	29.4	28.6	29.7	30.0
4H 2H	26.5	27.8	26.8	28.1	28.4	26.3	27.6	26.6	27.9	28.1
3H	28.4	29.6	28.8	29.9	30.2	28.1	29.2	28.4	29.5	29.8
4H	29.3	30.4	29.7	30.7	31.0	28.8	29.9	29.2	30.2	30.5
6H	30.0	31.0	30.4	31.3	31.7	29.3	30.2	29.7	30.6	31.0
8H	30.3	31.2	30.7	31.6	32.0	29.4	30.3	29.8	30.7	31.1
12H	30.5	31.3	30.9	31.7	32.1	29.5	30.3	29.9	30.7	31.1
8H 4H	29.6	30.5	30.0	30.9	31.3	29.2	30.1	29.6	30.4	30.8
6H	30.5	31.2	30.9	31.6	32.1	29.8	30.6	30.3	31.0	31.4
8H	30.9	31.5	31.3	32.0	32.4	30.1	30.7	30.5	31.2	31.6
12H	31.2	31.8	31.7	32.2	32.7	30.2	30.8	30.7	31.3	31.7
12H 4H	29.6	30.4	30.0	30.8	31.2	29.2	30.0	29.6	30.4	30.8
6H	30.6	31.2	31.0	31.7	32.1	29.9	30.6	30.4	31.0	31.5
8H	31.0	31.6	31.5	32.0	32.5	30.2	30.8	30.7	31.2	31.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.1 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 1093 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 0.3$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	SUR.:	Shielding Angle:

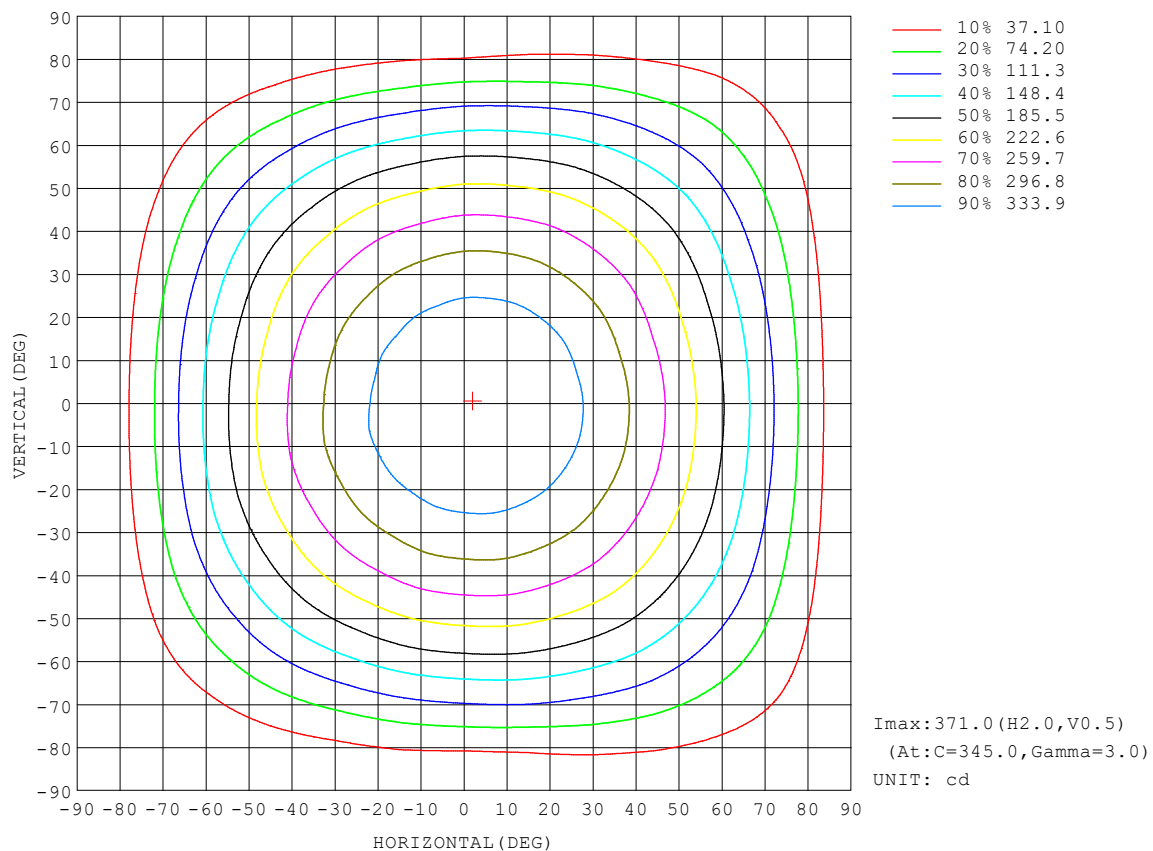
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	99	91	85	96	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	78
4.00	106	100	96	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	86
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: 25DEG
 Operators: SENPU
 Test Date: 2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 59.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	SUR.:	Shielding Angle:

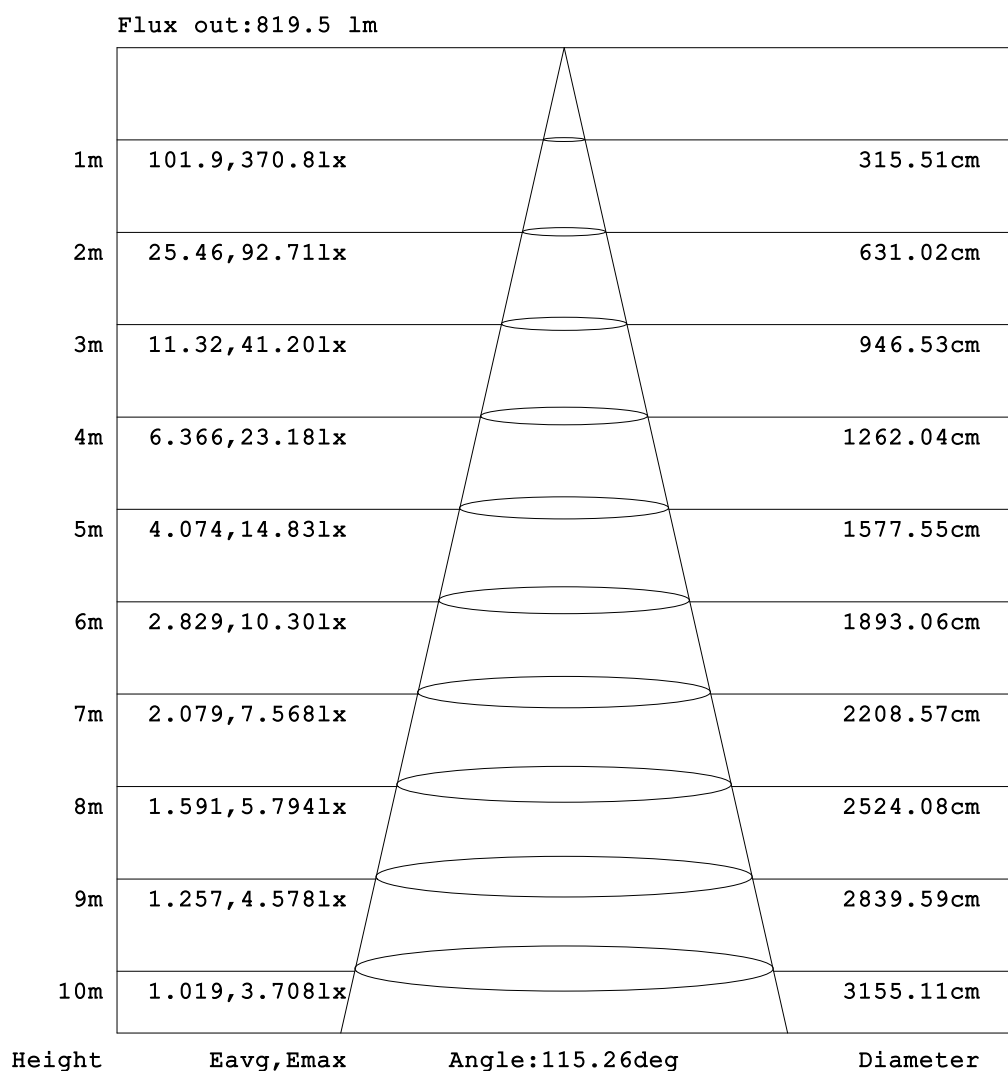


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	SUR.:	Shielding Angle:



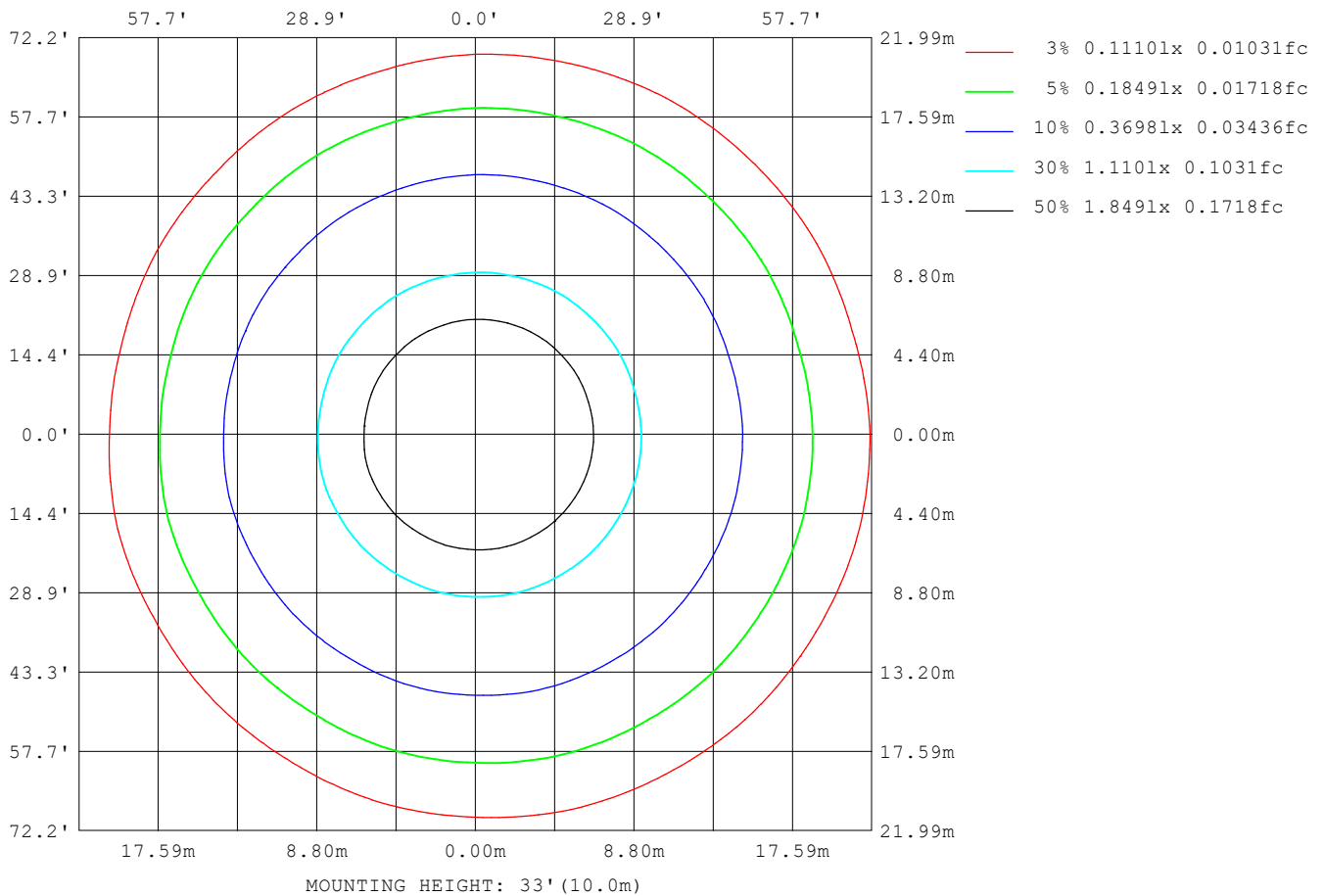
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENPU
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: SENPU
 Test Date: 2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity: 59.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	SUR.:	Shielding Angle:

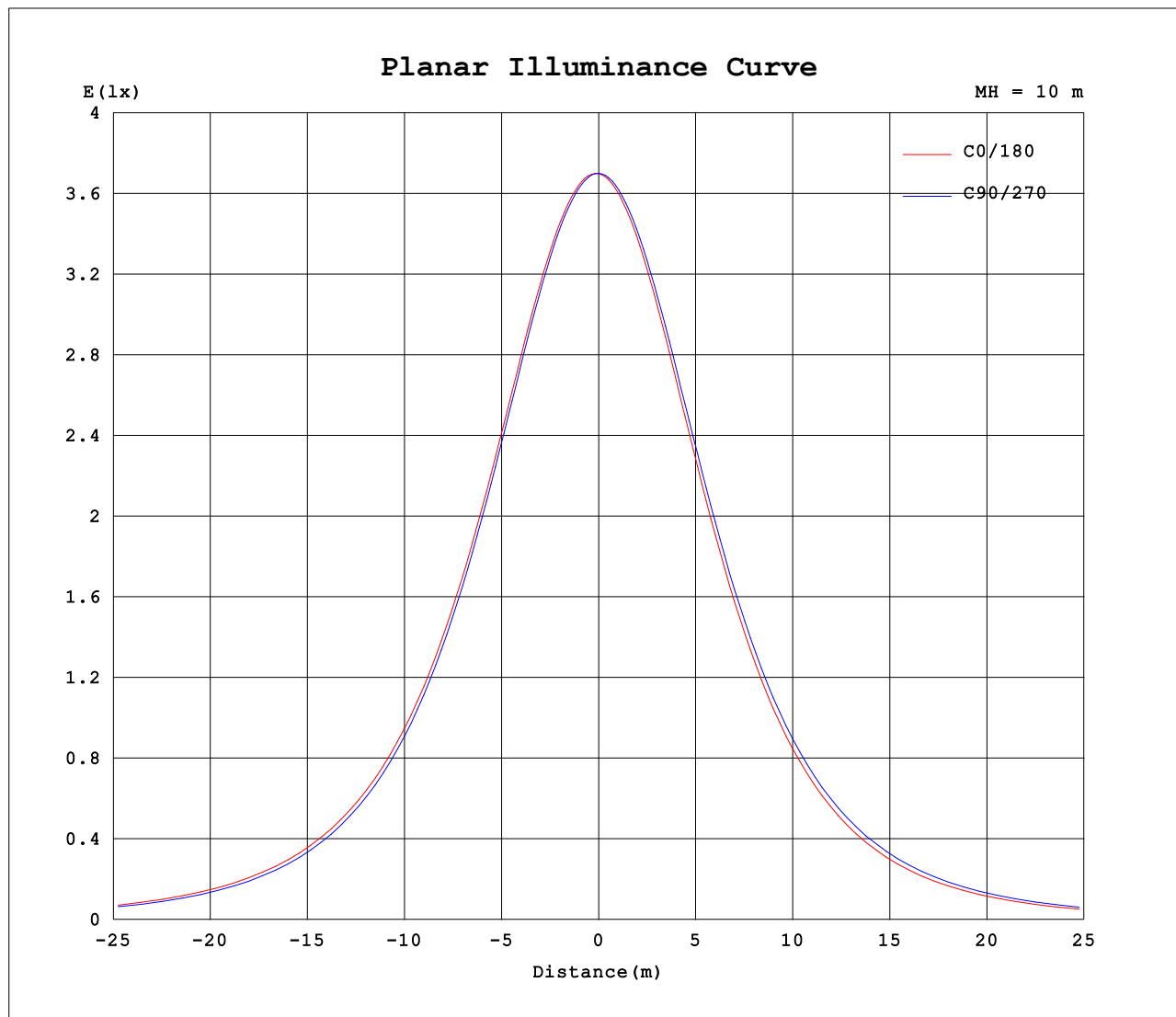
AvgL	cd/m2
L_0~180 (65) av	32902
L_0~180 (75) av	28360
L_0~180 (85) av	19967
L_90~270 (65) av	33155
L_90~270 (75) av	28524
L_90~270 (85) av	14848
L_45 (65) av	33017
L_45 (75) av	28557
L_45 (85) av	20976

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: SENPU
Test Date: 2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000 SYSTEM V2.0.402
Humidity: 59.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	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	370	370	370	369	370	370	370	370	370	371	371	371	370	370	370	369	370	370	370
5	370	370	370	370	369	369	369	369	368	368	368	368	367	366	367	366	367	367	368
10	367	368	367	367	366	366	365	364	363	363	362	362	360	360	361	360	362	362	364
15	362	362	362	361	360	359	358	357	355	355	354	354	351	350	352	352	353	354	356
20	353	353	353	352	351	350	348	347	344	344	342	342	339	338	340	340	342	343	346
25	341	342	341	340	339	338	335	334	331	330	328	327	324	323	325	325	328	329	332
30	327	328	327	326	324	323	320	318	314	313	311	311	307	306	308	309	311	313	317
35	310	311	310	309	307	305	301	300	295	294	291	291	287	286	288	289	292	294	298
40	290	292	290	290	287	285	281	279	274	272	269	269	264	263	266	266	270	273	277
45	268	269	268	267	264	262	257	255	250	248	245	245	240	238	241	242	246	248	253
50	244	245	243	242	239	237	232	229	224	221	218	218	213	211	214	215	220	222	228
55	217	218	217	216	212	209	204	201	195	193	189	189	184	183	185	187	191	194	200
60	188	190	188	186	182	180	174	171	165	162	158	158	153	151	154	156	161	164	170
65	158	159	157	156	151	148	142	139	133	130	126	126	120	119	122	124	129	132	138
70	125	127	124	123	119	116	110	106	99.7	96.9	92.9	92.5	87.2	86.1	89.1	90.7	95.7	99.1	105
75	92.1	93.4	91.1	89.9	85.4	79.8	75.4	72.7	66.8	64.0	60.0	59.7	54.7	53.6	56.6	58.3	63.2	66.4	72.3
80	59.3	60.7	58.4	57.6	53.3	44.3	41.9	42.0	36.9	34.4	30.5	30.1	25.6	24.9	27.6	29.3	33.7	36.7	38.2
85	29.5	30.7	28.8	28.6	25.6	22.3	14.6	17.2	13.7	11.8	9.05	8.05	5.30	5.12	7.15	8.70	11.7	13.8	11.3
90	7.35	8.40	7.58	8.10	6.09	3.90	0.24	2.80	2.77	2.11	1.30	0.79	0.43	0.54	0.77	1.31	1.98	2.06	0.12
95	0.45	0.56	0.76	0.87	0.62	0.22	0.21	0.25	0.48	0.51	0.48	0.42	0.27	0.33	0.22	0.25	0.30	0.15	0.15
100	0.25	0.24	0.26	0.23	0.25	0.24	0.21	0.27	0.26	0.28	0.28	0.26	0.20	0.20	0.20	0.18	0.20	0.14	0.16
105	0.24	0.26	0.25	0.25	0.25	0.27	0.22	0.29	0.26	0.31	0.27	0.29	0.22	0.20	0.22	0.18	0.22	0.18	0.20
110	0.24	0.28	0.25	0.29	0.25	0.30	0.32	0.34	0.28	0.35	0.29	0.33	0.26	0.21	0.24	0.20	0.25	0.22	0.24
115	0.28	0.32	0.25	0.33	0.28	0.33	0.33	0.37	0.33	0.38	0.33	0.36	0.29	0.21	0.28	0.21	0.28	0.21	0.28
120	0.32	0.36	0.32	0.35	0.32	0.38	0.33	0.40	0.33	0.41	0.33	0.39	0.32	0.24	0.30	0.24	0.31	0.22	0.28
125	0.32	0.38	0.35	0.40	0.33	0.40	0.35	0.43	0.36	0.45	0.36	0.42	0.35	0.33	0.34	0.27	0.33	0.24	0.33
130	0.37	0.41	0.35	0.40	0.36	0.41	0.38	0.44	0.42	0.47	0.40	0.45	0.39	0.33	0.38	0.33	0.35	0.30	0.36
135	0.39	0.44	0.39	0.45	0.40	0.43	0.43	0.46	0.45	0.49	0.45	0.47	0.43	0.36	0.42	0.33	0.40	0.33	0.39
140	0.46	0.46	0.45	0.46	0.43	0.46	0.44	0.49	0.45	0.51	0.46	0.47	0.48	0.41	0.46	0.38	0.43	0.33	0.41
145	0.45	0.46	0.45	0.46	0.45	0.46	0.44	0.49	0.45	0.51	0.46	0.47	0.51	0.45	0.49	0.41	0.46	0.36	0.44
150	0.46	0.46	0.45	0.46	0.45	0.46	0.46	0.49	0.45	0.53	0.46	0.47	0.54	0.44	0.49	0.46	0.46	0.40	0.47
155	0.47	0.46	0.45	0.46	0.45	0.46	0.49	0.50	0.46	0.54	0.52	0.47	0.56	0.46	0.52	0.46	0.49	0.44	0.48
160	0.51	0.46	0.46	0.46	0.46	0.46	0.54	0.50	0.46	0.55	0.54	0.47	0.57	0.47	0.52	0.46	0.50	0.44	0.49
165	0.47	0.46	0.46	0.46	0.47	0.46	0.54	0.49	0.47	0.51	0.54	0.44	0.57	0.50	0.53	0.46	0.51	0.46	0.49
170	0.42	0.48	0.46	0.46	0.47	0.46	0.50	0.46	0.47	0.46	0.48	0.42	0.57	0.50	0.53	0.47	0.52	0.46	0.49
175	0.43	0.48	0.46	0.46	0.47	0.46	0.48	0.46	0.47	0.46	0.47	0.42	0.57	0.56	0.51	0.49	0.47	0.53	0.46
180	0.47	0.48	0.47	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.45	0.52	0.51	0.48	0.49	0.47	0.47	0.46

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:SENPU
Test Date:2022-03-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000 SYSTEM V2.0.402
Humidity:59.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.7420A P:17.808W PF:1.0000 Freq:0Hz Lamp Flux:1092.61x1 lm		
NAME: YJ-VTC-RB-2835-24V-G01-32	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2022030412
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	285	300	315	330	345														
0	370	370	371	371	371														
5	369	369	370	371	371														
10	365	366	366	367	367														
15	357	359	360	361	361														
20	347	349	350	352	352														
25	334	337	338	340	339														
30	319	322	323	325	325														
35	301	304	305	308	307														
40	280	283	285	287	287														
45	256	260	262	265	264														
50	230	235	237	240	240														
55	203	208	210	213	213														
60	173	178	180	184	184														
65	141	147	149	153	152														
70	109	114	117	120	120														
75	75.6	81.1	83.4	86.9	86.8														
80	44.7	49.3	51.3	54.4	54.1														
85	19.4	22.7	24.0	25.8	25.2														
90	2.27	5.44	5.89	6.27	5.20														
95	0.16	0.44	0.62	0.48	0.32														
100	0.16	0.18	0.19	0.16	0.18														
105	0.16	0.20	0.17	0.20	0.17														
110	0.20	0.22	0.18	0.22	0.17														
115	0.21	0.25	0.22	0.24	0.21														
120	0.22	0.28	0.22	0.28	0.21														
125	0.25	0.31	0.26	0.30	0.25														
130	0.28	0.33	0.30	0.34	0.30														
135	0.32	0.38	0.34	0.38	0.32														
140	0.34	0.39	0.35	0.42	0.35														
145	0.36	0.43	0.37	0.44	0.40														
150	0.41	0.46	0.44	0.47	0.44														
155	0.45	0.46	0.46	0.48	0.46														
160	0.46	0.47	0.46	0.48	0.46														
165	0.46	0.47	0.46	0.48	0.54														
170	0.46	0.47	0.46	0.48	0.54														
175	0.48	0.46	0.48	0.47	0.54														
180	0.45	0.46	0.46	0.46	0.46														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:SENP
 Test Date:2022-03-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000 SYSTEM V2.0.402
 Humidity:59.0%
 Test Distance:8.000m [K=1.0000]
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