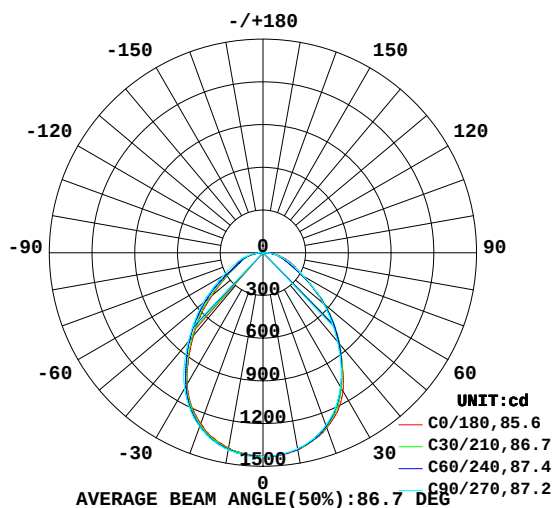


LUMINAIRE PHOTOMETRIC TEST REPORT

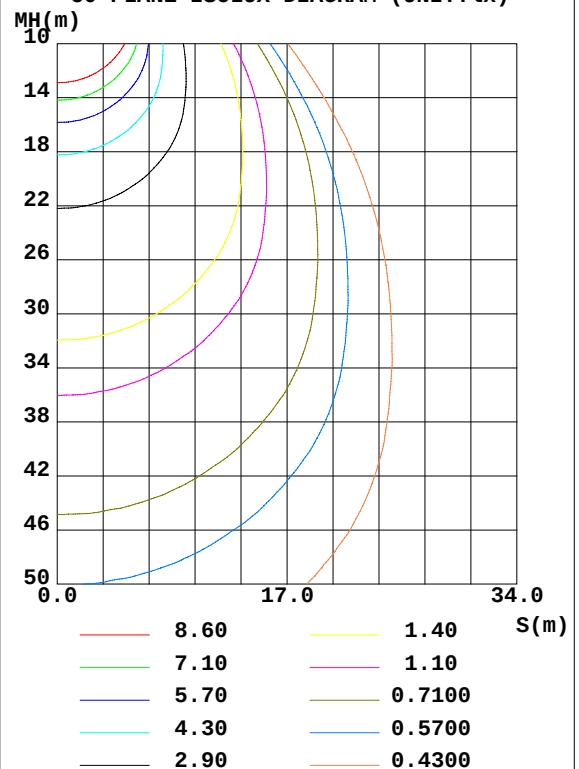
Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm		
NAME: WL-RTST224D-HV(4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.06	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 121.84 lm/W			
MODEL		I _{max} (cd)	1433	S/MH(C0/180)	1.13
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2960.6	η UP, DN(C0-180)	0.1, 50.7
NOMINAL FLUX(lm)	2960.59	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 49.1
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	219.7	η down(%)	99.8	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

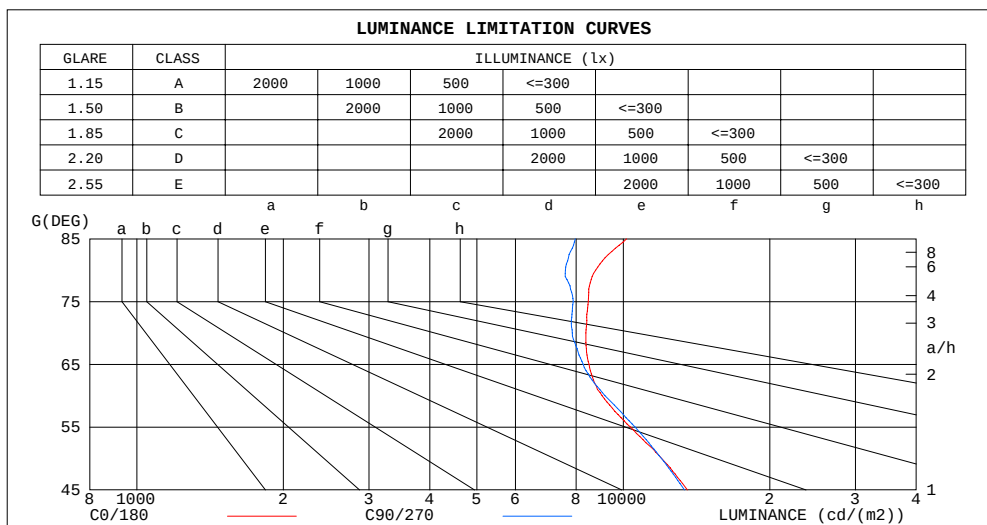
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1406	1401	1398	1395	1392	1401	1405	1402	0- 10	135.1	135.1	4.56, 4.56
20	1309	1300	1290	1293	1278	1292	1300	1298	10- 20	382.5	517.6	17.5, 17.5
30	1122	1097	1089	1086	1064	1076	1101	1084	20- 30	553.2	1071	36.2, 36.2
40	826.1	835.1	813.1	804.3	761.1	788.0	816.1	817.8	30- 40	592.6	1663	56.2, 56.2
50	555.5	567.5	554.6	528.1	466.8	507.0	549.1	548.6	40- 50	517.5	2181	73.7, 73.7
60	326.1	315.2	330.2	277.1	265.4	261.2	320.5	300.0	50- 60	364.4	2545	86, 86
70	206.5	172.6	193.4	165.1	166.9	158.1	191.4	167.2	60- 70	222.5	2768	93.5, 93.5
80	109.8	97.24	95.09	89.04	78.87	80.67	94.87	89.66	70- 80	140.9	2909	98.2, 98.2
90	4.277	2.241	0.2452	0.1410	0.1685	0.1832	0.1961	0.1962	80- 90	46.29	2955	99.8, 99.8
100	0.2084	0.3271	0.6219	0.3528	0.3387	0.3723	0.4374	0.2984	90-100	0.2888	2955	99.8, 99.8
110	0.3615	0.7231	0.9982	0.7536	0.4347	0.7006	0.4817	0.6888	100-110	0.5175	2956	99.8, 99.8
120	0.6963	1.179	1.123	1.312	0.7679	1.180	0.5950	1.099	110-120	0.8495	2957	99.9, 99.9
130	1.106	1.529	1.216	1.395	1.131	1.290	0.7019	1.012	120-130	1.044	2958	99.9, 99.9
140	1.185	1.606	1.304	1.564	1.310	1.483	0.8029	0.8666	130-140	0.9828	2959	99.9, 99.9
150	1.236	1.315	1.369	1.561	1.178	1.480	1.131	0.6897	140-150	0.8009	2959	100, 100
160	1.249	1.291	1.377	1.605	1.220	1.630	1.558	1.194	150-160	0.6039	2960	100, 100
170	1.187	1.306	1.308	1.542	1.535	1.399	1.283	1.215	160-170	0.3960	2960	100, 100
180	1.170	1.166	1.162	1.152	1.166	1.167	1.157	1.144	170-180	0.1228	2961	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-05-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
 Humidity: 50.0%
 Test Distance: 6.770m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm		
NAME: WL-RTST224D-HV(4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.06	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	10154	7967
80	8770	7603
75	8470	7887
70	8374	7852
65	8501	8266
60	9045	9169
55	10338	10566
50	11985	11981
45	13538	13354

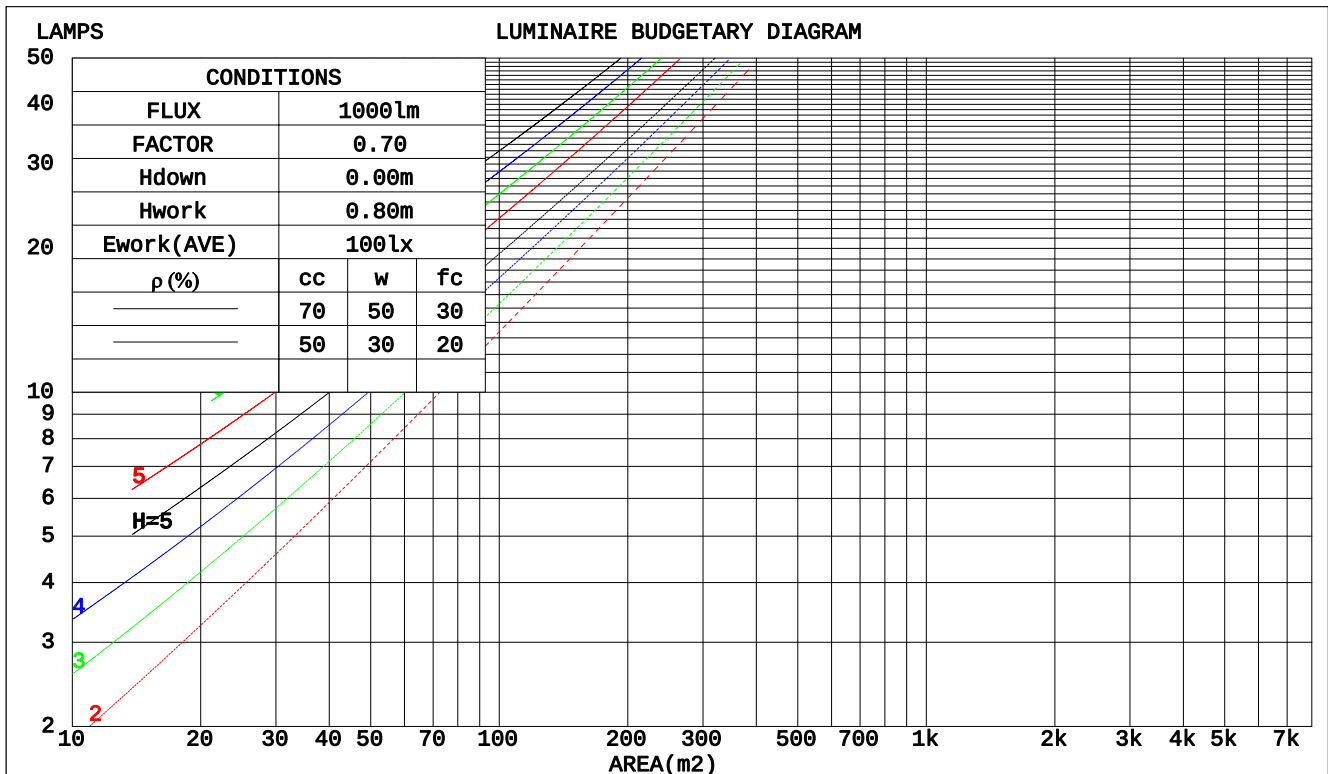
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm		
NAME: WL-RTST224D-HV(4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.06	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						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	.00
1.0	1.06	1.02	.98	1.03	.99	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.83	.92	.86	.82	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.76	.71	.82	.75	.70	.79	.73	.69	.77	.72	.68	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.67	.61	.72	.65	.60	.69	.64	.59	.67	.62	.58	.56
5.0	.68	.60	.54	.67	.59	.54	.65	.58	.53	.63	.57	.52	.61	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.58	.51	.47	.56	.51	.46	.44
7.0	.57	.49	.43	.56	.48	.43	.54	.47	.42	.53	.47	.42	.52	.46	.42	.40
8.0	.52	.44	.39	.51	.44	.39	.50	.43	.38	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.40	.35	.48	.40	.35	.46	.40	.35	.45	.39	.35	.44	.39	.35	.33
10.0	.45	.37	.32	.44	.37	.32	.43	.37	.32	.42	.36	.32	.41	.36	.32	.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm									
NAME: WL-RTST224D-HV(4000K)					TYPE:			WEIGHT:	
SPEC.:					DIM.:			SERIAL No.:	
MFR.: Shenzhen Wisdom Light Co., ltd					SUR.:1.2*0.06			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	.274	.156	.049	.267	.152	.048	.254	.146	.047	.242	.139	.045	.231	.134	.043		
2.0	.259	.142	.044	.253	.139	.043	.241	.134	.042	.231	.129	.040	.221	.125	.039		
3.0	.241	.128	.038	.236	.126	.038	.226	.122	.037	.217	.119	.036	.208	.115	.036		
4.0	.225	.117	.034	.220	.115	.034	.211	.112	.033	.203	.109	.033	.195	.106	.032		
5.0	.210	.107	.031	.205	.105	.031	.197	.103	.030	.190	.100	.030	.183	.098	.029		
6.0	.196	.098	.028	.192	.097	.028	.185	.095	.028	.179	.093	.027	.172	.091	.027		
7.0	.184	.091	.026	.180	.090	.026	.174	.088	.025	.168	.086	.025	.163	.084	.025		
8.0	.173	.084	.024	.170	.083	.024	.164	.082	.023	.159	.080	.023	.154	.079	.023		
9.0	.163	.079	.022	.160	.078	.022	.155	.077	.022	.150	.075	.022	.146	.074	.021		
10.0	.154	.074	.020	.151	.073	.020	.147	.072	.020	.142	.071	.020	.138	.070	.020		

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.179	.158	.139	.153	.136	.119	.105	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.169	.134	.103	.145	.115	.089	.099	.080	.062	.057	.046	.037	.018	.015	.012	
3.0	.160	.116	.080	.138	.100	.069	.094	.069	.049	.055	.040	.029	.018	.013	.009	
4.0	.152	.102	.063	.131	.088	.055	.090	.061	.039	.052	.036	.023	.017	.012	.008	
5.0	.145	.091	.052	.124	.079	.045	.086	.055	.032	.050	.032	.019	.016	.011	.006	
6.0	.138	.083	.043	.118	.072	.038	.082	.050	.027	.047	.029	.016	.015	.010	.005	
7.0	.131	.076	.037	.113	.066	.032	.078	.046	.023	.045	.027	.014	.015	.009	.004	
8.0	.125	.070	.032	.108	.061	.028	.074	.043	.020	.043	.025	.012	.014	.008	.004	
9.0	.119	.065	.028	.103	.056	.024	.071	.040	.017	.041	.023	.010	.013	.008	.003	
10.0	.114	.061	.025	.098	.053	.022	.068	.037	.016	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm											
NAME: WL-RTST224D-HV(4000K)						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: Shenzhen Wisdom Light Co., ltd						SUR.:1.2*0.06		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		20.5	21.8	20.7	22.0	22.2	20.5	21.8	20.7	22.0	22.2
3H		21.5	22.8	21.8	23.0	23.2	21.5	22.7	21.7	22.9	23.2
4H		22.1	23.3	22.4	23.5	23.8	22.0	23.2	22.3	23.4	23.7
6H		22.6	23.8	23.0	24.0	24.3	22.4	23.6	22.7	23.8	24.1
8H		22.9	24.0	23.2	24.3	24.5	22.6	23.7	22.9	24.0	24.3
12H		23.1	24.2	23.5	24.4	24.7	22.8	23.8	23.1	24.1	24.4
4H 2H		20.8	22.0	21.1	22.2	22.5	20.8	22.0	21.1	22.2	22.5
3H		22.0	23.1	22.4	23.4	23.7	22.0	23.0	22.3	23.3	23.6
4H		22.8	23.7	23.1	24.0	24.4	22.6	23.6	23.0	23.9	24.2
6H		23.5	24.3	23.9	24.7	25.0	23.3	24.1	23.7	24.5	24.8
8H		23.8	24.6	24.2	25.0	25.4	23.5	24.3	23.9	24.7	25.1
12H		24.1	24.8	24.6	25.2	25.6	23.7	24.5	24.2	24.8	25.3
8H 4H		23.0	23.8	23.4	24.1	24.5	22.9	23.6	23.3	24.0	24.4
6H		23.9	24.5	24.3	24.9	25.4	23.7	24.3	24.1	24.7	25.2
8H		24.3	24.9	24.8	25.3	25.8	24.0	24.6	24.5	25.0	25.5
12H		24.8	25.3	25.2	25.7	26.2	24.4	24.9	24.8	25.3	25.8
12H 4H		23.0	23.7	23.4	24.1	24.5	22.9	23.6	23.3	24.0	24.4
6H		24.0	24.5	24.4	25.0	25.4	23.8	24.3	24.2	24.8	25.2
8H		24.5	25.0	24.9	25.4	25.9	24.2	24.7	24.7	25.1	25.6
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H		+ 0.5 / - 0.5					+ 0.4 / - 0.5				

CIE Pub.117, 2961 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 3.8$)
Area: 0.072 m²

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm		
NAME: WL-RTST224D-HV(4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.06	Shielding Angle:

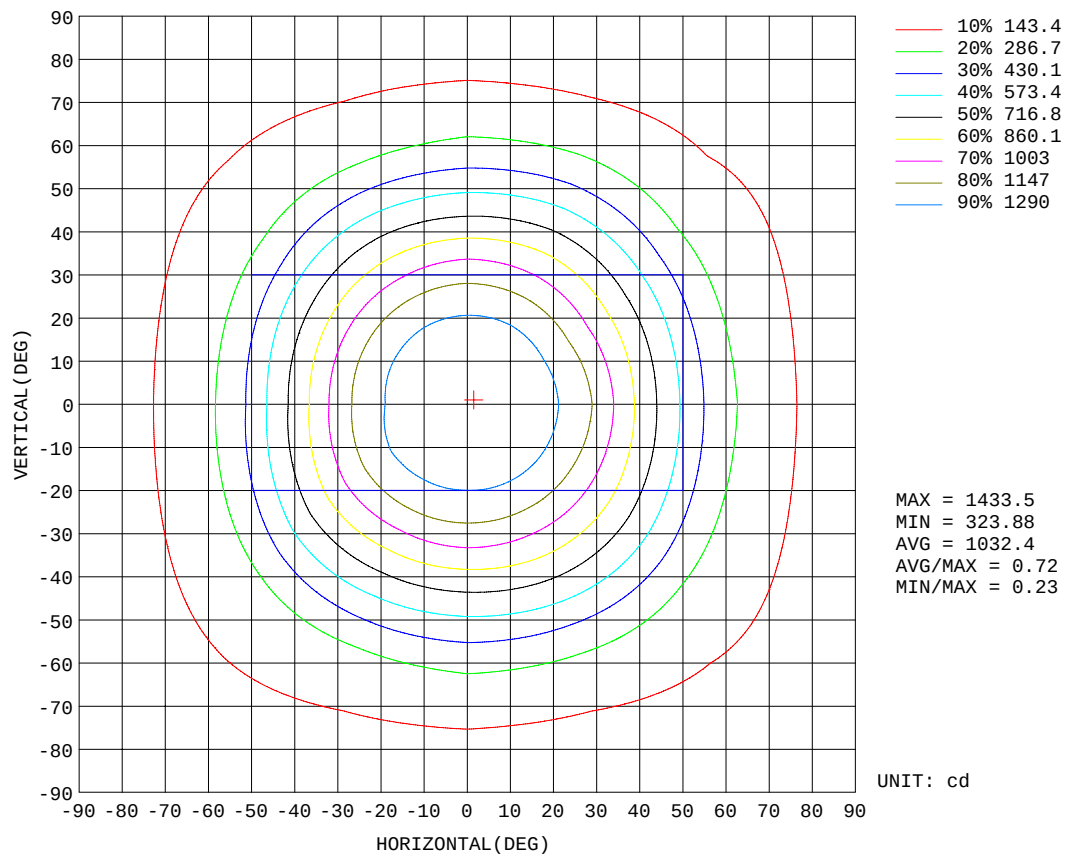
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	64	54	48	64	54	48	63	53	47	42
0.80	74	64	57	73	63	57	71	63	57	51
1.00	82	72	66	81	72	66	79	73	65	59
1.25	88	79	73	87	79	73	85	77	72	65
1.50	93	84	78	91	83	78	88	82	77	70
2.00	99	91	86	97	90	85	94	88	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	102	108	104	101	103	100	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
 Humidity:50.0%
 Test Distance:6.770m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm		
NAME: WL-RTST224D-HV(4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.06	Shielding Angle:



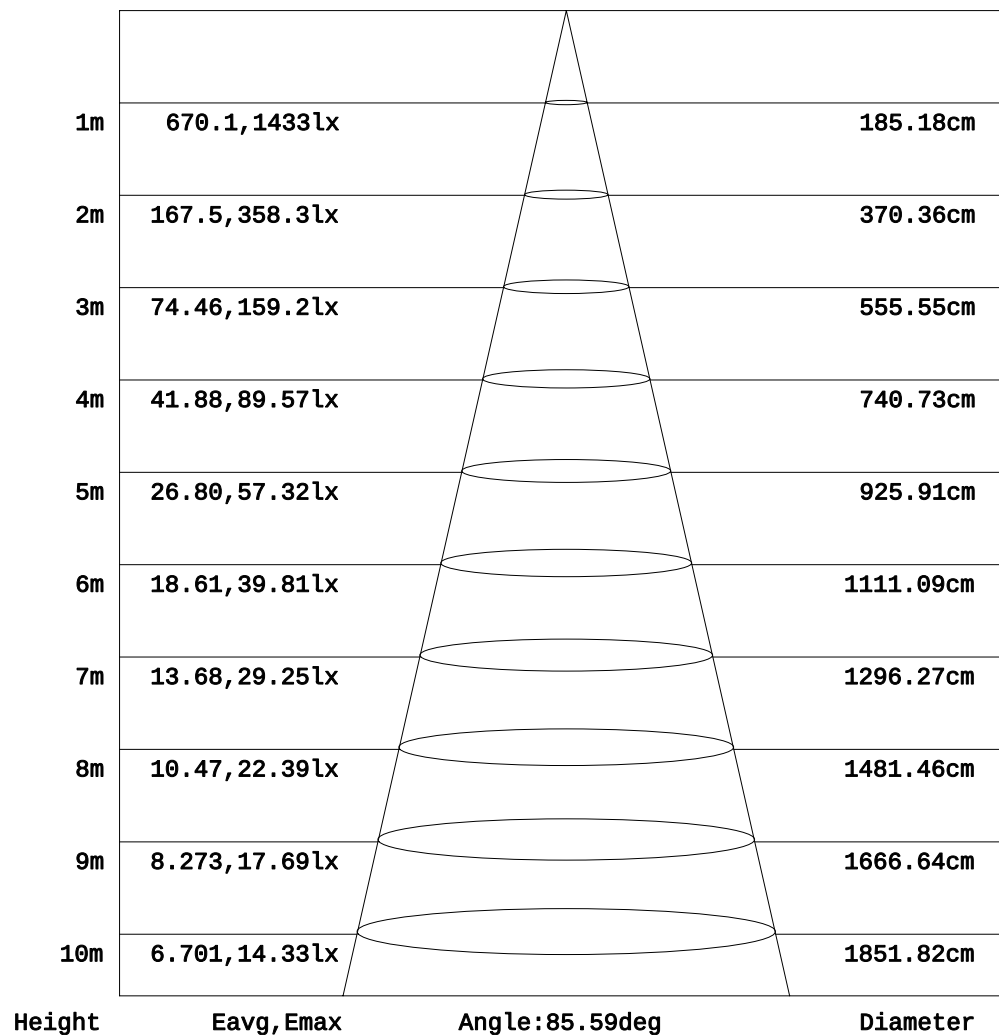
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-05-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity: 50.0%
Test Distance: 6.770m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm		
NAME: WL-RTST224D-HV(4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.06	Shielding Angle:

Flux out:1831 lm



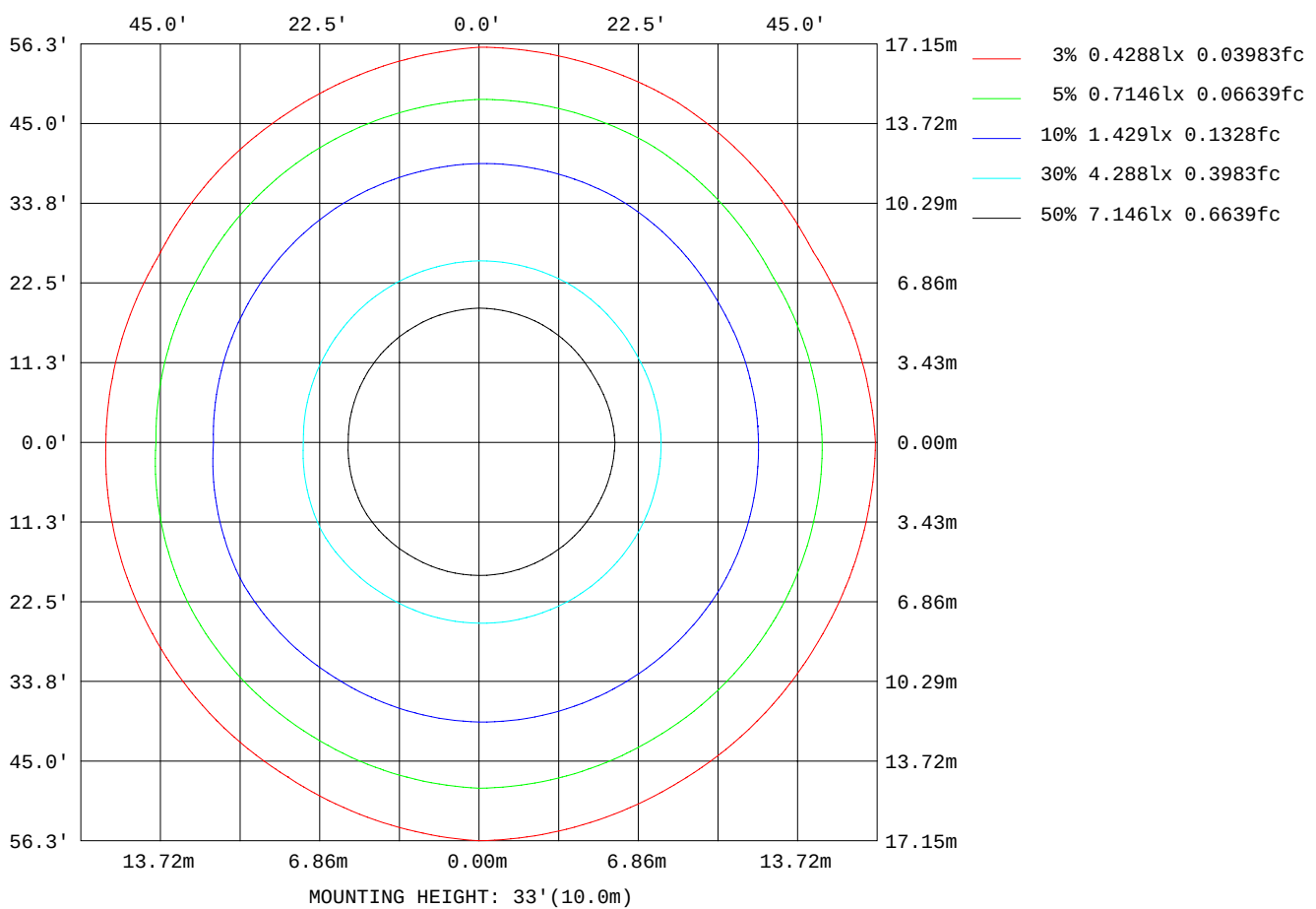
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-05-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
 Humidity: 50.0%
 Test Distance: 6.770m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm		
NAME: WL-RTST224D-HV(4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.06	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-05-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity:50.0%
Test Distance:6.770m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm		
NAME: WL-RTST224D-HV(4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Shenzhen Wisdom Light Co., ltd	SUR.:1.2*0.06	Shielding Angle:

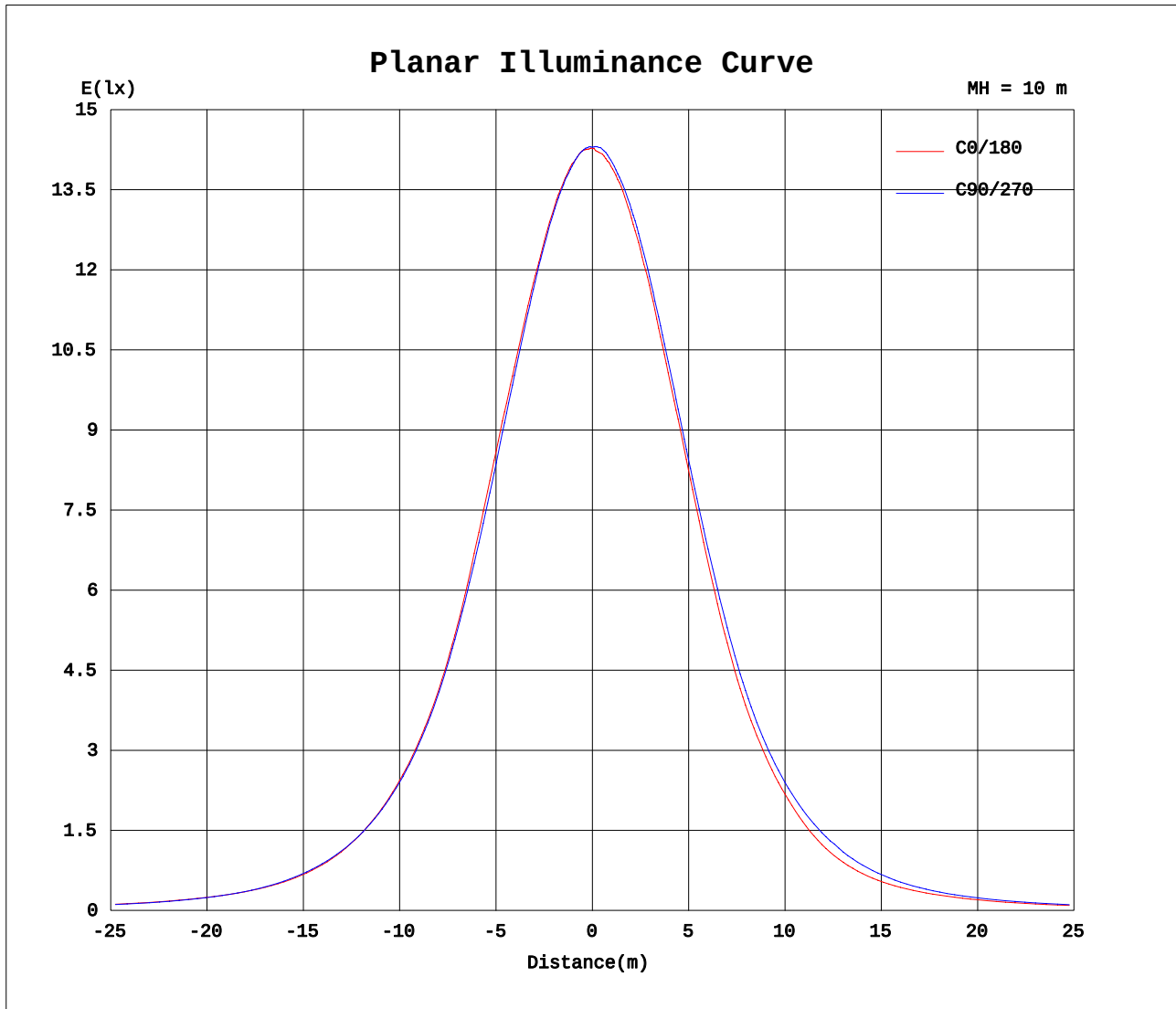
AvgL	cd/m2
L_0~180(65)av	7716
L_0~180(75)av	7537
L_0~180(85)av	7259
L_90~270(65)av	8180
L_90~270(75)av	7818
L_90~270(85)av	7939
L_45(65)av	6720
L_45(75)av	6881
L_45(85)av	6038

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-05-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
 Humidity:50.0%
 Test Distance:6.770m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-05-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.407.13
Humidity: 50.0%
Test Distance: 6.770m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.90V I:0.2030A P:24.300W PF:0.9980 Freq:50.00Hz Lamp Flux:2960.59x1 lm																	
NAME: WL-RTST224D-HV(4000K)									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: Shenzhen Wisdom Light Co., ltd									SUR.:1.2*0.06						Shielding Angle:		

Table--1

UNIT: cd

C(°) γ (°)																	
	0	30	60	90	120	150	180	210	240	270	300	330					
0	1430	1430	1430	1430	1430	1430	1430	1430	1430	1430	1430	1430					
5	1424	1424	1425	1423	1421	1422	1419	1420	1425	1427	1427	1423					
10	1406	1400	1401	1398	1394	1396	1392	1398	1403	1405	1404	1400					
15	1365	1363	1361	1355	1352	1359	1345	1353	1362	1365	1363	1357					
20	1309	1303	1297	1290	1289	1298	1278	1287	1297	1300	1301	1294					
25	1234	1219	1207	1204	1197	1210	1188	1194	1207	1212	1212	1202					
30	1122	1102	1092	1089	1080	1091	1064	1071	1082	1101	1091	1078					
35	973	970	962	956	937	951	914	922	939	964	959	942					
40	826	838	832	813	798	811	761	775	801	816	827	809					
45	690	706	698	680	661	669	618	636	663	679	693	675					
50	555	571	564	555	531	525	467	489	525	549	559	539					
55	428	437	432	436	403	382	344	352	390	424	429	402					
60	326	313	317	330	287	267	265	248	275	321	314	286					
65	259	222	227	252	205	197	211	189	197	246	228	204					
70	207	173	172	193	167	163	167	156	161	191	174	160					
75	158	136	131	147	132	132	123	121	127	144	132	126					
80	110	98.9	95.6	95.1	89.8	88.3	78.9	75.8	85.5	94.9	91.5	87.8					
85	63.8	51.0	46.3	50.0	38.4	35.2	27.3	24.3	36.5	49.6	42.5	37.6					
90	4.28	3.18	1.30	0.25	0.15	0.13	0.17	0.17	0.20	0.20	0.21	0.18					
95	0.14	0.16	0.22	0.29	0.24	0.19	0.23	0.24	0.24	0.29	0.22	0.19					
100	0.21	0.29	0.37	0.62	0.38	0.32	0.34	0.38	0.37	0.44	0.29	0.30					
105	0.28	0.38	0.54	0.85	0.65	0.43	0.37	0.47	0.41	0.44	0.45	0.41					
110	0.36	0.52	0.92	1.00	0.91	0.60	0.43	0.57	0.83	0.48	0.83	0.55					
115	0.54	0.79	1.14	1.05	1.14	0.84	0.61	0.76	1.04	0.60	1.01	0.72					
120	0.70	1.04	1.31	1.12	1.48	1.15	0.77	1.02	1.34	0.60	1.23	0.96					
125	0.86	1.33	1.58	1.19	1.39	1.33	1.01	1.21	1.28	0.68	1.04	1.25					
130	1.11	1.54	1.51	1.22	1.31	1.48	1.13	1.35	1.23	0.70	0.69	1.33					
135	1.18	1.65	1.36	1.26	1.25	1.55	1.22	1.62	1.22	0.77	0.65	1.52					
140	1.18	1.74	1.48	1.30	1.33	1.79	1.31	1.79	1.18	0.80	0.65	1.08					
145	1.37	1.79	1.47	1.36	1.53	1.50	1.32	1.52	1.37	0.76	0.57	0.61					
150	1.24	1.26	1.37	1.37	1.68	1.44	1.18	1.29	1.67	1.13	0.91	0.47					
155	1.18	1.25	1.30	1.39	1.64	1.29	1.08	1.34	1.73	1.47	1.47	0.47					
160	1.25	1.24	1.34	1.38	1.75	1.46	1.22	1.52	1.74	1.56	1.49	0.90					
165	1.18	1.18	1.48	1.33	1.65	1.52	1.40	1.44	1.64	1.52	1.45	0.90					
170	1.19	1.31	1.46	1.31	1.43	1.66	1.53	1.44	1.36	1.28	1.21	1.21					
175	1.31	1.33	1.33	1.25	1.24	1.38	1.25	1.22	1.13	1.11	1.11	1.20					
180	1.17	1.17	1.17	1.16	1.15	1.15	1.17	1.17	1.17	1.16	1.14	1.15					

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