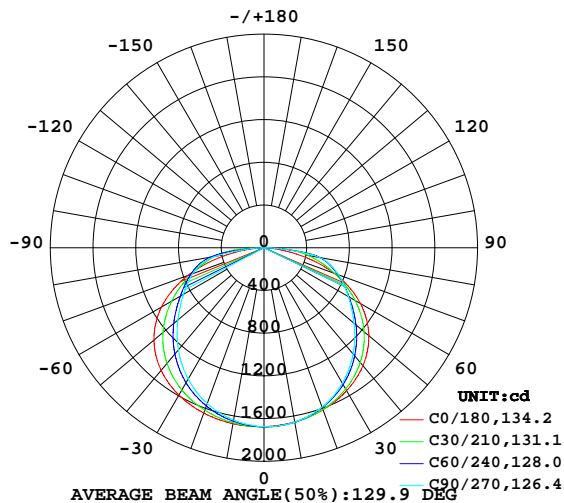


## LUMINAIRE PHOTOMETRIC TEST REPORT

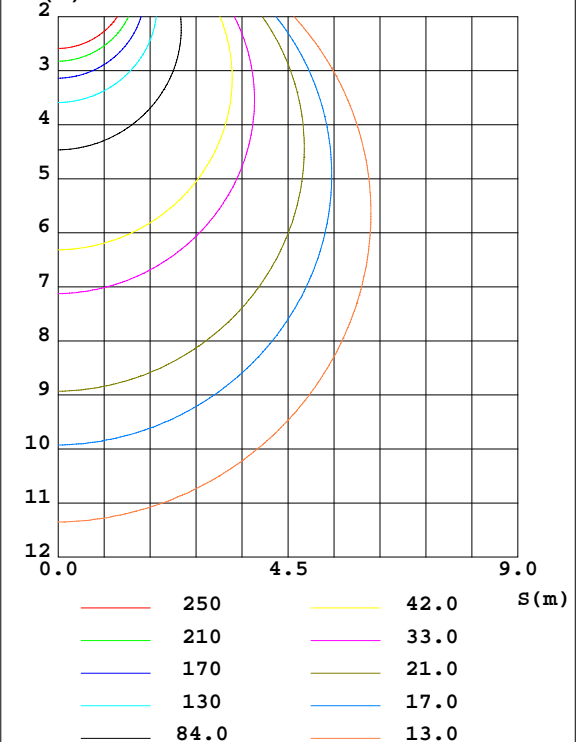
Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm					
NAME: IT-TRS-24-40		TYPE:5000K		WEIGHT:	
SPEC.:2x4FT		DIM.:		SERIAL No.:	
MFR.:		SUR.:0.53*1.1M		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 142.23 lm/W			
MODEL		Imax(cd)	1679	S/MH(C0/180)	1.38
NOMINAL POWER(W)		LOR(%)	123.8	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	5908.1	$\eta$ UP,DN(C0-180)	0.1,62.6
NOMINAL FLUX(lm)	2386.67	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.1,61.1
LAMPS INSIDE	2	$\eta$ up(%)	0.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	220.0	$\eta$ down(%)	123.6	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.0DEG  
Operators:朱法春  
Test Date:2023-02-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity:32%  
Test Distance:1.100m [K=1.0954]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

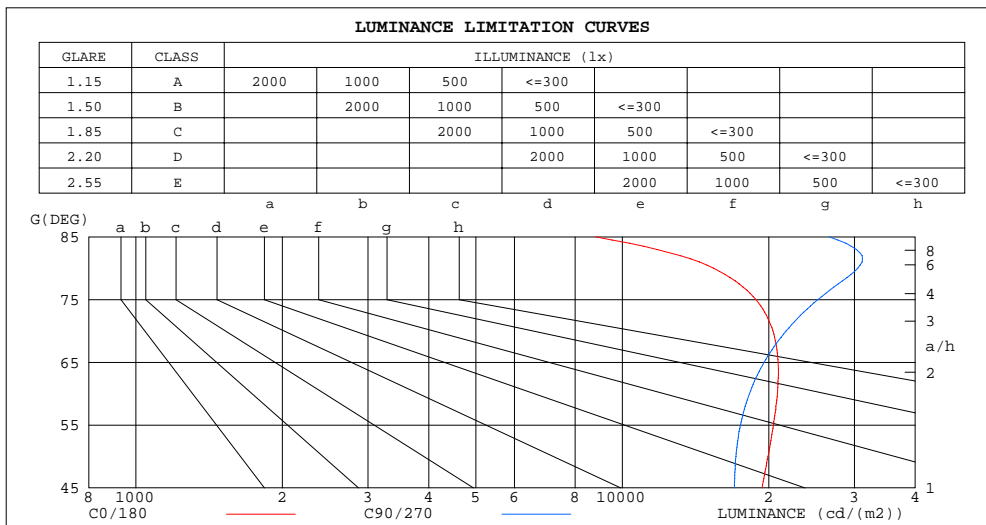
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum, lamp
10	1656	1660	1658	1669	1673	1657	1639	1646	0- 10	159.1	159.1	2.69,3.33
20	1614	1602	1588	1626	1648	1597	1553	1580	10- 20	461.9	621.0	10.5,13
30	1546	1504	1466	1542	1593	1499	1419	1476	20- 30	719.3	1340	22.7,28.1
40	1441	1362	1299	1411	1500	1355	1247	1331	30- 40	902.8	2243	38,47
50	1281	1174	1101	1232	1345	1169	1052	1144	40- 50	988.8	3232	54.7,67.7
60	1042	953.1	912.5	1009	1108	950.3	871.1	923.2	50- 60	965.1	4197	71,87.9
70	697.6	720.8	742.8	761.5	756.1	727.0	711.3	691.5	60- 70	840.3	5037	85.3,106
80	267.4	477.8	529.3	503.7	314.5	491.3	454.3	448.4	70- 80	627.3	5664	95.9,119
90	1.258	1.229	1.085	16.83	10.49	5.650	0.8337	0.9288	80- 90	237.3	5902	99.9,124
100	0.9100	0.8270	0.7811	0.9265	1.091	1.016	0.9290	0.7874	90-100	1.234	5903	99.9,124
110	1.060	1.038	1.090	1.099	0.8711	1.012	0.9918	0.7028	100-110	0.9902	5904	99.9,124
120	0.9486	1.126	1.248	1.151	0.9280	1.047	1.001	0.6582	110-120	0.9948	5905	99.9,124
130	0.8626	1.116	1.331	1.131	0.9230	1.025	0.9541	0.6940	120-130	0.8995	5906	100,124
140	0.9375	1.149	1.239	1.096	0.8627	1.098	0.9725	0.7886	130-140	0.7842	5907	100,124
150	0.9466	1.089	1.060	1.019	0.8561	1.143	1.018	0.8358	140-150	0.6373	5907	100,124
160	0.9508	0.9072	0.8810	0.9301	0.9623	1.123	0.9565	0.7898	150-160	0.4506	5908	100,124
170	0.9481	0.8226	0.7206	0.8785	1.008	1.095	0.9979	0.8501	160-170	0.2602	5908	100,124
180	0.9749	1.017	0.9068	0.8785	0.9788	1.005	0.9998	0.8794	170-180	0.0888	5908	100,124
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.0DEG  
Operators:朱法春  
Test Date:2023-02-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 $\gamma$  Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity:32%  
Test Distance:1.100m [K=1.0954]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm		
NAME: IT-TRS-24-40	TYPE:5000K	WEIGHT:
SPEC.:2x4FT	DIM.:	SERIAL No.:
MFR.:	SUR.:0.53*1.1M	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	8816	26629
80	15400	30481
75	18828	25238
70	20396	21718
65	20896	19569
60	20834	18251
55	20451	17496
50	19931	17127
45	19374	16993

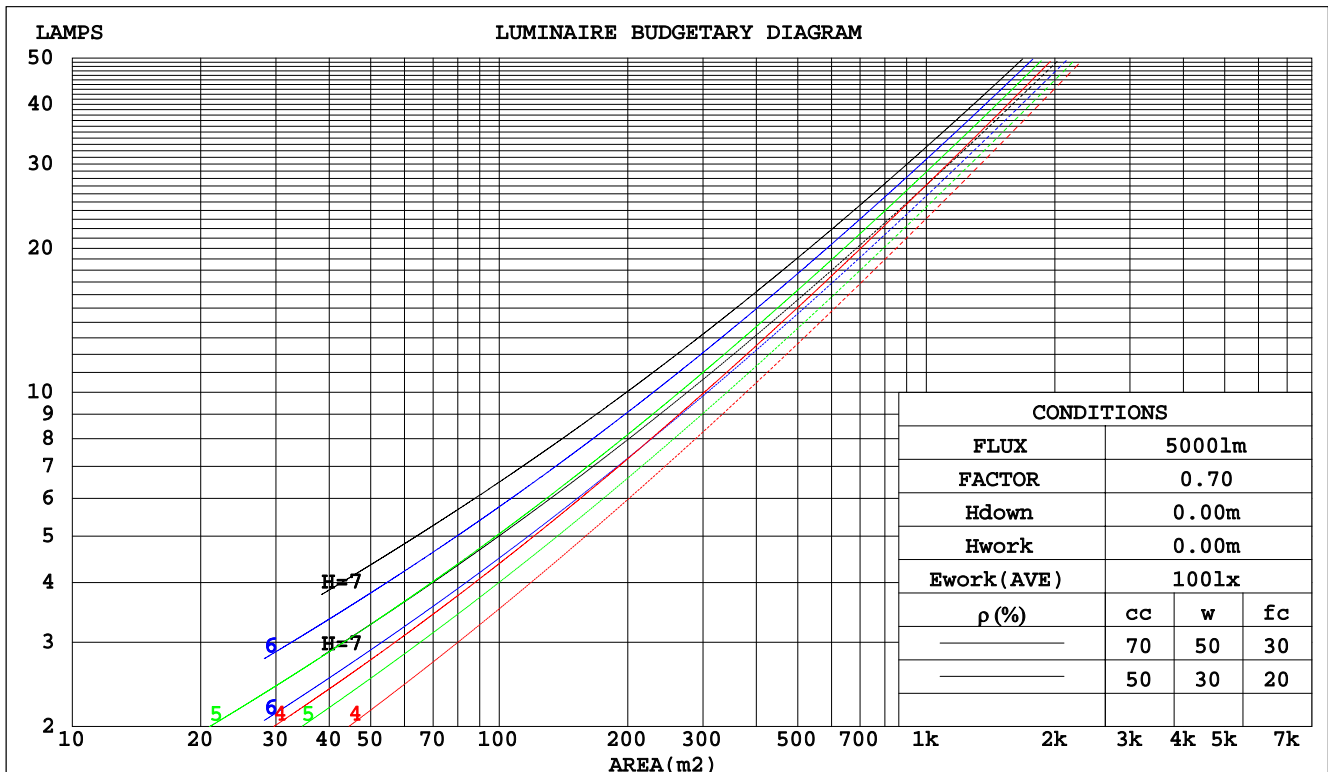
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.0DEG  
Operators: 朱法春  
Test Date: 2023-02-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity: 32%  
Test Distance: 1.100m [K=1.0954]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm		
NAME: IT-TRS-24-40	TYPE:5000K	WEIGHT:
SPEC.:2x4FT	DIM.:	SERIAL No.:
MFR.:	SUR.:0.53*1.1M	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						Coefficients of Utilization(CU)									
0.0	1.47	1.47	1.47	1.44	1.44	1.44	1.37	1.37	1.37	1.32	1.32	1.32	1.26	1.26	1.26	1.24
1.0	1.25	1.19	1.14	1.23	1.17	1.12	1.17	1.13	1.08	1.12	1.08	1.05	1.08	1.05	1.02	.99
2.0	1.08	.98	.90	1.05	.96	.89	1.01	.93	.87	.96	.90	.85	.93	.87	.83	.80
3.0	.93	.82	.73	.91	.81	.73	.88	.79	.71	.84	.76	.70	.81	.74	.69	.66
4.0	.82	.70	.61	.80	.69	.61	.77	.68	.60	.74	.66	.59	.71	.64	.58	.55
5.0	.73	.61	.52	.71	.60	.52	.69	.59	.51	.66	.57	.51	.64	.56	.50	.47
6.0	.65	.54	.45	.64	.53	.45	.62	.52	.44	.60	.51	.44	.58	.50	.44	.41
7.0	.59	.48	.39	.58	.47	.39	.56	.46	.39	.54	.45	.39	.52	.44	.38	.36
8.0	.54	.43	.35	.53	.42	.35	.51	.41	.35	.49	.41	.34	.48	.40	.34	.32
9.0	.49	.38	.31	.48	.38	.31	.47	.38	.31	.45	.37	.31	.44	.36	.31	.28
10.0	.45	.35	.28	.45	.35	.28	.43	.34	.28	.42	.34	.28	.41	.33	.28	.25



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.0DEG  
Operators:朱法春  
Test Date:2023-02-11

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity:32%  
Test Distance:1.100m [K=1.0954]  
Remarks:

## WEC AND CCEC

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm					
NAME: IT-TRS-24-40			TYPE:5000K		WEIGHT:
SPEC.:2x4FT			DIM.:		SERIAL No.:
MFR.:			SUR.:0.53*1.1M		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	.442	.251	.080	.433	.247	.078	.416	.239	.076	.401	.231	.074	.387	.224	.072		
2.0	.402	.220	.068	.394	.217	.067	.379	.211	.066	.366	.205	.064	.353	.200	.063		
3.0	.365	.194	.058	.358	.192	.058	.345	.187	.057	.332	.182	.056	.321	.178	.055		
4.0	.332	.172	.051	.326	.170	.050	.314	.166	.050	.303	.163	.049	.293	.159	.048		
5.0	.304	.155	.045	.298	.153	.045	.288	.150	.044	.278	.147	.044	.269	.144	.043		
6.0	.279	.140	.040	.274	.139	.040	.265	.136	.040	.256	.133	.039	.248	.131	.039		
7.0	.258	.128	.036	.254	.126	.036	.246	.124	.036	.238	.122	.035	.230	.120	.035		
8.0	.240	.117	.033	.236	.116	.033	.229	.114	.033	.222	.112	.032	.215	.110	.032		
9.0	.224	.108	.030	.220	.107	.030	.214	.106	.030	.207	.104	.030	.202	.102	.030		
10.0	.210	.101	.028	.207	.100	.028	.201	.098	.028	.195	.097	.028	.190	.095	.027		

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	.237	.237	.237	.202	.202	.202	.138	.138	.138	.079	.079	.079	.025	.025	.025	
1.0	.228	.194	.163	.195	.166	.140	.134	.114	.097	.077	.066	.056	.025	.021	.018	
2.0	.220	.164	.117	.188	.141	.101	.129	.098	.071	.074	.057	.041	.024	.018	.014	
3.0	.211	.143	.089	.180	.123	.077	.124	.086	.054	.072	.050	.032	.023	.016	.010	
4.0	.201	.127	.070	.172	.109	.061	.119	.076	.043	.069	.045	.025	.022	.015	.008	
5.0	.191	.114	.057	.164	.099	.049	.113	.069	.035	.066	.040	.021	.021	.013	.007	
6.0	.182	.104	.047	.157	.090	.041	.108	.063	.029	.063	.037	.017	.020	.012	.006	
7.0	.173	.095	.040	.149	.082	.035	.103	.058	.025	.060	.034	.015	.019	.011	.005	
8.0	.165	.088	.035	.142	.076	.031	.098	.054	.022	.057	.032	.013	.018	.010	.004	
9.0	.157	.082	.031	.135	.071	.027	.094	.050	.019	.055	.030	.012	.018	.010	.004	
10.0	.149	.077	.028	.129	.066	.024	.089	.047	.017	.052	.028	.010	.017	.009	.003	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:朱法春  
 Test Date:2023-02-11

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity:32%  
 Test Distance:1.100m [K=1.0954]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm											
NAME: IT-TRS-24-40						TYPE:5000K			WEIGHT:		
SPEC.:2x4FT						DIM.:			SERIAL No.:		
MFR.:						SUR.:0.53*1.1M			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	23.5	25.1	23.7	25.3	25.5	22.8	24.5	23.1	24.7	24.9	
	3H	25.4	26.9	25.7	27.1	27.4	25.1	26.6	25.4	26.9	27.1
	4H	26.1	27.6	26.5	27.8	28.1	26.3	27.8	26.7	28.0	28.3
	6H	26.7	28.0	27.0	28.3	28.6	27.6	29.0	27.9	29.2	29.5
	8H	26.8	28.1	27.1	28.4	28.7	28.1	29.4	28.5	29.7	30.0
	12H	26.8	28.1	27.2	28.4	28.7	28.4	29.7	28.8	30.0	30.3
4H	2H	24.1	25.6	24.5	25.8	26.1	23.7	25.1	24.0	25.4	25.7
	3H	26.3	27.5	26.6	27.8	28.1	26.2	27.4	26.5	27.7	28.1
	4H	27.2	28.4	27.6	28.7	29.0	27.6	28.7	27.9	29.1	29.4
	6H	27.9	29.0	28.3	29.3	29.7	29.0	30.0	29.4	30.4	30.8
	8H	28.1	29.1	28.6	29.5	29.9	29.6	30.6	30.0	30.9	31.3
	12H	28.2	29.2	28.7	29.5	30.0	29.9	30.9	30.4	31.2	31.7
8H	4H	27.7	28.7	28.2	29.1	29.5	28.0	29.0	28.5	29.4	29.8
	6H	28.7	29.6	29.2	30.0	30.4	29.7	30.6	30.2	31.0	31.4
	8H	29.1	29.8	29.6	30.3	30.7	30.5	31.2	31.0	31.7	32.1
	12H	29.4	30.0	29.8	30.4	30.9	31.0	31.6	31.5	32.1	32.5
12H	4H	27.9	28.8	28.3	29.2	29.6	28.1	29.0	28.5	29.4	29.8
	6H	29.0	29.7	29.4	30.1	30.6	29.9	30.6	30.3	31.1	31.5
	8H	29.4	30.1	29.9	30.5	31.0	30.7	31.3	31.2	31.8	32.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117, 4773 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 5.4$ )  
Area: 0.1 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.0DEG  
Operators:朱法春  
Test Date:2023-02-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity:32%  
Test Distance:1.100m [K=1.0954]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm		
NAME: IT-TRS-24-40	TYPE:5000K	WEIGHT:
SPEC.:2x4FT	DIM.:	SERIAL No.:
MFR.:	SUR.:0.53*1.1M	Shielding Angle:

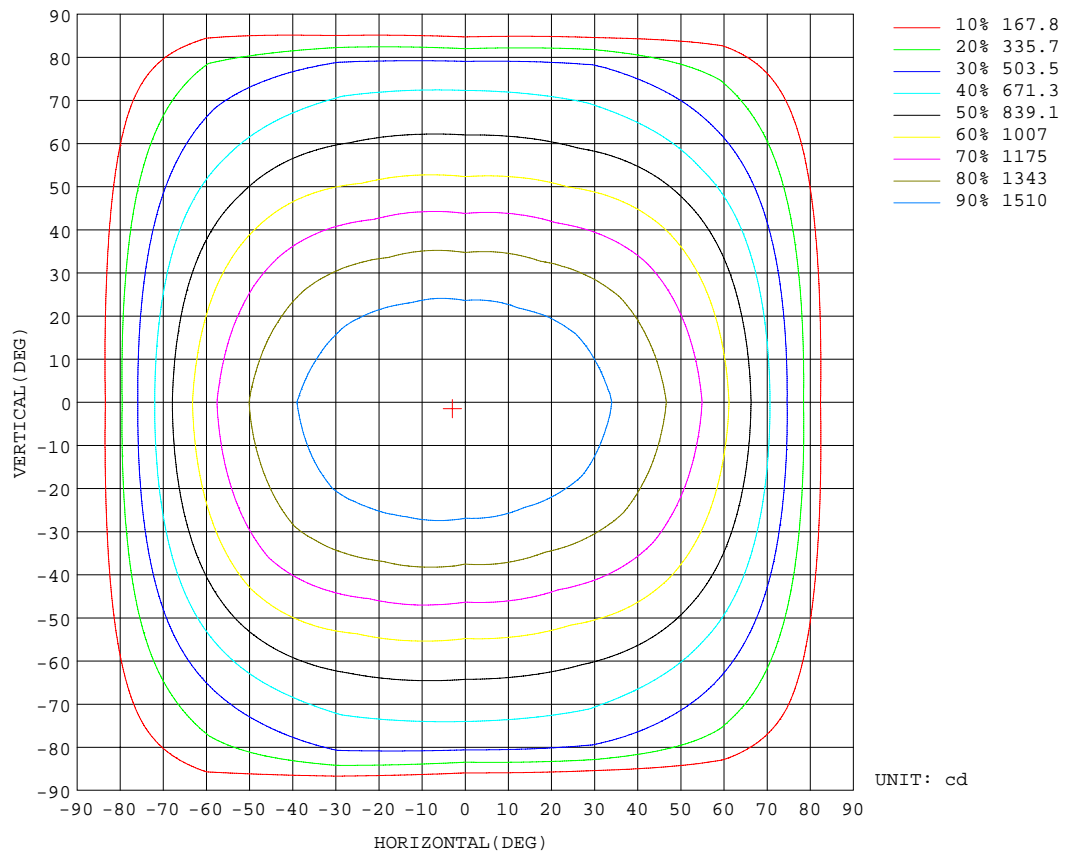
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	52	43	66	51	42	64	51	42	34
0.80	79	63	54	78	63	54	75	62	53	44
1.00	89	74	64	88	73	64	85	75	63	54
1.25	98	84	74	96	83	73	93	81	72	63
1.50	104	91	81	102	90	81	98	87	79	69
2.00	113	101	92	111	100	91	106	97	90	79
2.50	119	108	99	116	106	98	111	103	96	85
3.00	123	114	106	120	112	104	115	108	102	90
4.00	129	121	114	126	118	112	120	114	109	97
5.00	132	125	119	129	123	117	123	118	114	102
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:25.0DEG  
 Operators:朱法春  
 Test Date:2023-02-11

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity:32%  
 Test Distance:1.100m [K=1.0954]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm		
NAME: IT-TRS-24-40	TYPE:5000K	WEIGHT:
SPEC.:2x4FT	DIM.:	SERIAL No.:
MFR.:	SUR.:0.53*1.1M	Shielding Angle:



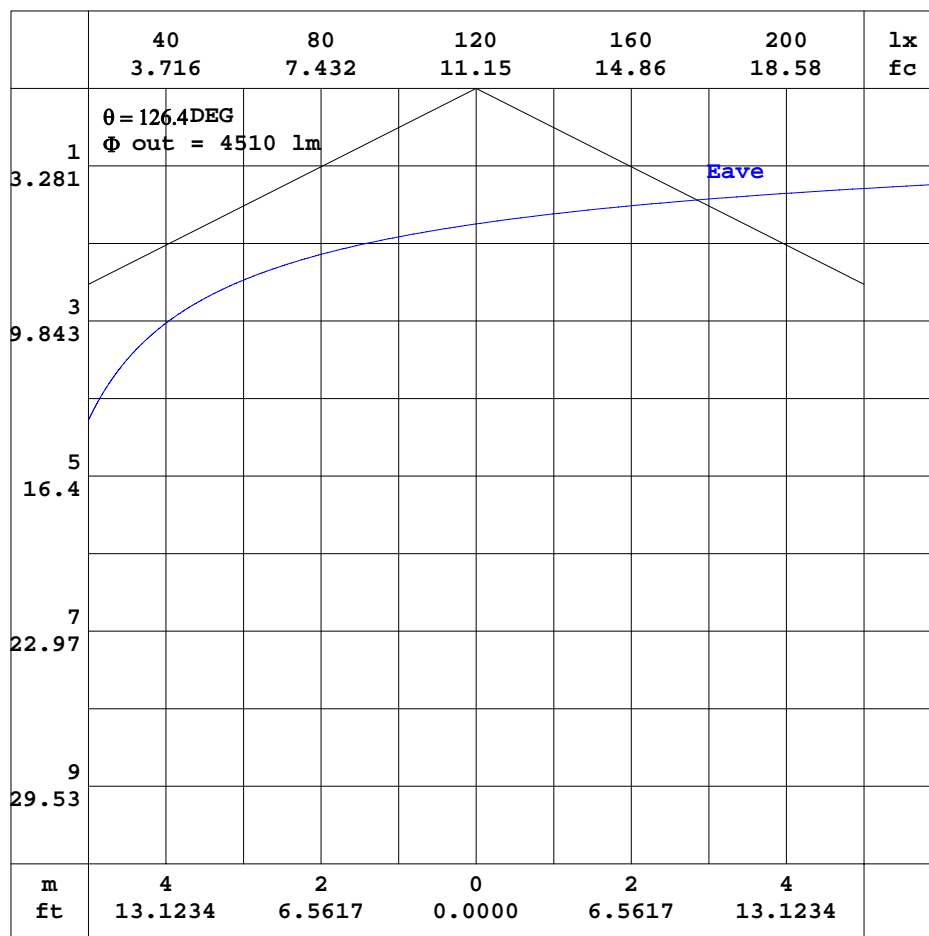
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.0DEG  
Operators:朱法春  
Test Date:2023-02-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity:32%  
Test Distance:1.100m [K=1.0954]  
Remarks:



## AAI CURVES

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm		
NAME: IT-TRS-24-40	TYPE:5000K	WEIGHT:
SPEC.:2x4FT	DIM.:	SERIAL No.:
MFR.:	SUR.:0.53*1.1M	Shielding Angle:



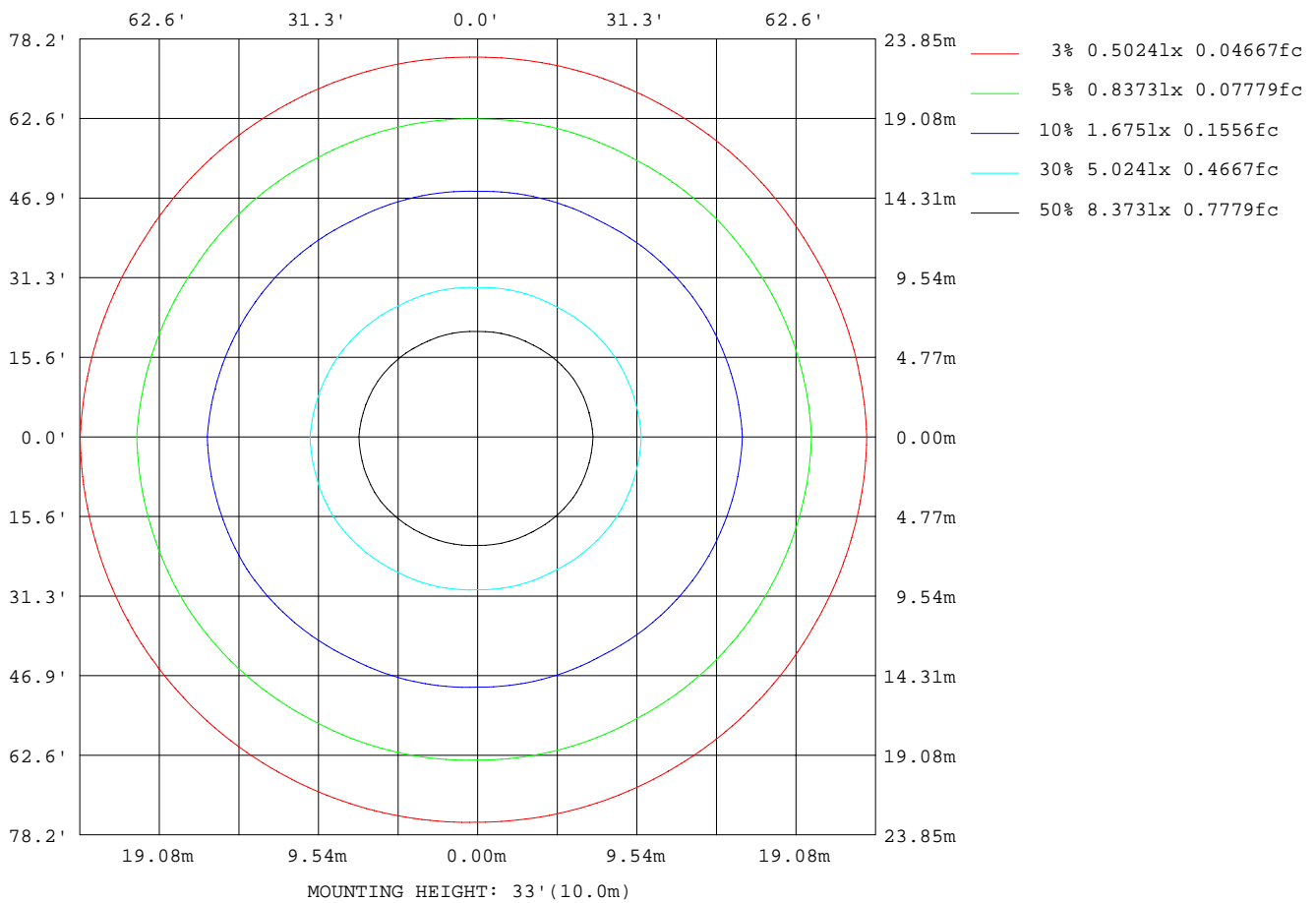
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: 朱法春  
 Test Date: 2023-02-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
 Humidity: 32%  
 Test Distance: 1.100m [K=1.0954]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm		
NAME: IT-TRS-24-40	TYPE:5000K	WEIGHT:
SPEC.:2x4FT	DIM.:	SERIAL No.:
MFR.:	SUR.:0.53*1.1M	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.0DEG  
Operators: 朱法春  
Test Date: 2023-02-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity: 32%  
Test Distance: 1.100m [K=1.0954]  
Remarks:

## LED Avg.L Report

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm		
NAME: IT-TRS-24-40	TYPE:5000K	WEIGHT:
SPEC.:2x4FT	DIM.:	SERIAL No.:
MFR.:	SUR.:0.53*1.1M	Shielding Angle:

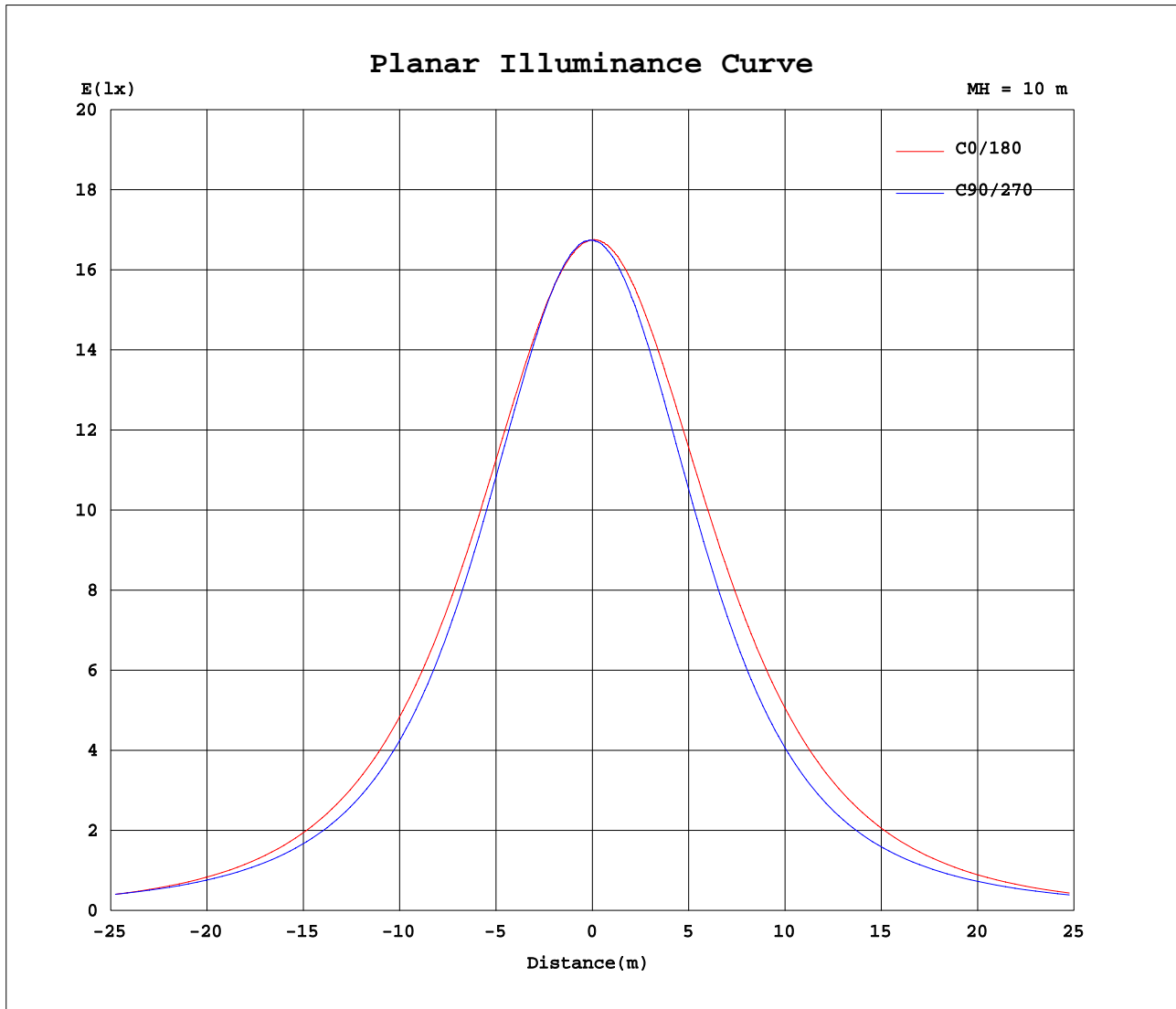
AvgL	cd/m2
L_0~180(65)av	21645
L_0~180(75)av	19888
L_0~180(85)av	10738
L_90~270(65)av	19147
L_90~270(75)av	24589
L_90~270(85)av	21957
L_45(65)av	19887
L_45(75)av	23605
L_45(85)av	31495

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.0DEG  
Operators:朱法春  
Test Date:2023-02-11

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity:32%  
Test Distance:1.100m [K=1.0954]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.0DEG  
Operators: 朱法春  
Test Date: 2023-02-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity: 32%  
Test Distance: 1.100m [K=1.0954]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.04V I:0.1897A P:41.538W PF:0.9904 Freq:50.00Hz Lamp Flux:2386.67x2 lm																	
NAME: IT-TRS-24-40									TYPE:5000K						WEIGHT:		
SPEC.:2x4FT									DIM.:						SERIAL No.:		
MFR.:									SUR.:0.53*1.1M						Shielding Angle:		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1675	1677	1677	1674	1674	1676	1675	1677	1677	1674	1674	1676						
5	1669	1672	1673	1671	1674	1678	1677	1674	1669	1663	1662	1667						
10	1656	1660	1659	1658	1665	1673	1673	1663	1650	1639	1641	1651						
15	1638	1640	1631	1630	1643	1661	1663	1646	1619	1602	1608	1626						
20	1614	1611	1592	1588	1610	1641	1648	1619	1576	1553	1563	1597						
25	1584	1575	1543	1534	1565	1612	1624	1585	1525	1492	1509	1556						
30	1546	1528	1481	1466	1510	1574	1593	1538	1460	1419	1444	1508						
35	1499	1471	1406	1387	1440	1525	1552	1482	1383	1337	1369	1450						
40	1441	1402	1322	1299	1359	1463	1500	1412	1298	1247	1282	1380						
45	1370	1320	1227	1202	1268	1388	1431	1331	1204	1150	1189	1298						
50	1281	1223	1125	1101	1168	1296	1345	1234	1104	1052	1088	1200						
55	1173	1111	1019	1004	1061	1187	1238	1123	1001	956	984	1089						
60	1042	986	920	913	957	1060	1108	997	903	871	884	962						
65	883	847	826	827	859	916	946	862	816	791	793	824						
70	698	706	735	743	764	759	756	723	731	711	706	677						
75	487	561	643	653	666	598	542	593	640	620	616	540						
80	267	422	533	529	562	445	314	468	515	454	495	402						
85	76.8	265	245	232	334	292	110	303	215	151	186	238						
90	1.26	1.41	1.05	1.09	12.0	21.6	10.5	10.3	0.95	0.83	0.78	1.08						
95	0.90	0.77	0.71	0.72	0.81	0.98	1.31	1.03	0.94	0.88	0.79	0.87						
100	0.91	0.86	0.80	0.78	0.82	1.03	1.09	1.04	0.99	0.93	0.80	0.78						
105	1.00	0.95	0.94	0.91	0.92	1.08	0.96	1.03	0.99	0.96	0.79	0.72						
110	1.06	0.99	1.09	1.09	1.05	1.15	0.87	0.98	1.04	0.99	0.76	0.64						
115	1.02	1.03	1.19	1.21	1.14	1.17	0.91	1.01	1.07	1.01	0.70	0.63						
120	0.95	0.97	1.28	1.25	1.19	1.11	0.93	1.02	1.07	1.00	0.72	0.60						
125	0.84	0.94	1.32	1.32	1.21	1.08	0.93	1.00	1.05	0.98	0.74	0.60						
130	0.86	0.96	1.27	1.33	1.20	1.06	0.92	1.01	1.04	0.95	0.76	0.63						
135	0.90	1.01	1.24	1.32	1.18	1.07	0.90	1.06	1.06	0.95	0.80	0.68						
140	0.94	1.03	1.27	1.24	1.17	1.02	0.86	1.10	1.10	0.97	0.86	0.71						
145	0.94	1.01	1.25	1.14	1.10	0.98	0.82	1.11	1.13	1.02	0.89	0.76						
150	0.95	1.00	1.18	1.06	1.04	0.99	0.86	1.12	1.17	1.02	0.86	0.81						
155	0.94	0.94	1.03	0.98	0.98	0.96	0.91	1.10	1.18	0.99	0.79	0.84						
160	0.95	0.93	0.89	0.88	0.92	0.94	0.96	1.05	1.20	0.96	0.74	0.84						
165	0.93	0.90	0.74	0.79	0.82	0.95	0.99	1.03	1.20	0.99	0.78	0.84						
170	0.95	0.90	0.74	0.72	0.79	0.96	1.01	1.02	1.17	1.00	0.86	0.84						
175	0.94	0.96	0.90	0.83	0.84	0.92	1.01	1.01	1.12	0.99	0.90	0.88						
180	0.97	1.03	1.00	0.91	0.85	0.91	0.98	0.98	1.03	1.00	0.91	0.85						

C Range: 0 - 360DEG  
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γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.366  
Humidity:32%  
Test Distance:1.100m [K=1.0954]  
Remarks: