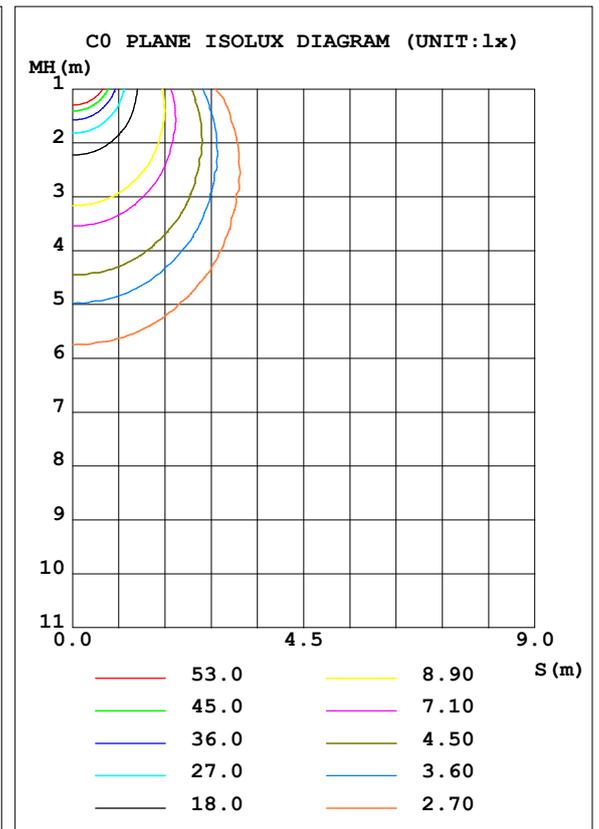
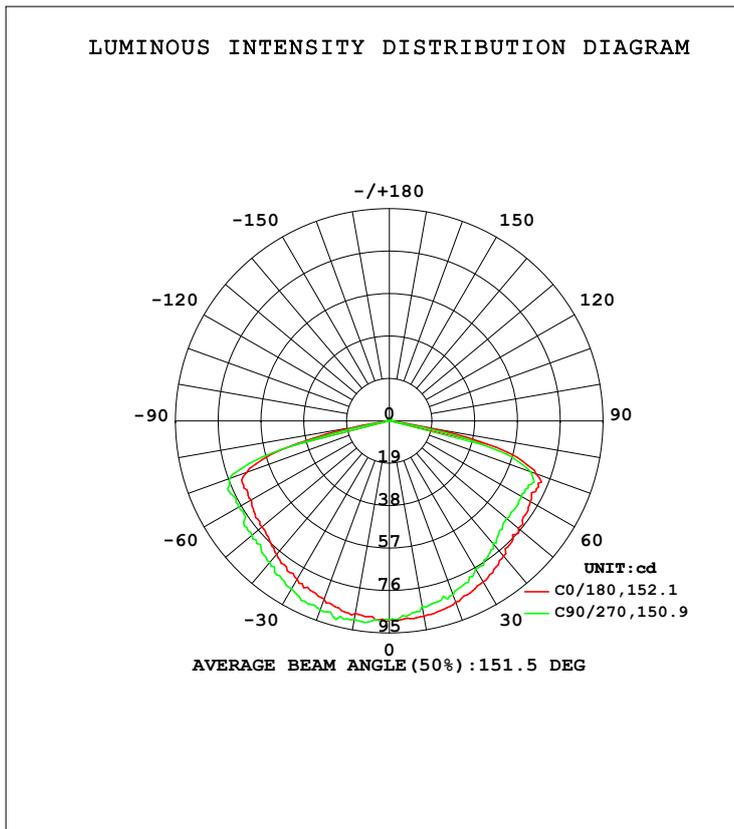


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Name: LED3W-ENM-W	Type:	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: EVERFINE	SUR.: 0.01	shielding angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	LED3W-ENM-W	I <sub>max</sub> (cd)	92.21	S/MH (C0/180)	1.38
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.47
RATED VOLTAGE (V)		TOTAL FLUX (lm)	373.59	η UP, DN (C0-180)	0.6, 47.8
NOMINAL FLUX (lm)	373.592	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.5, 51.1
LAMPS INSIDE	1	η up (%)	1.1	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	98.9	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Chen Songyu  
 Test Date: 2025-10-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 9.520m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	88.83	84.85	84.30	87.94	87.60	88.55	90.25	89.94	0- 10	8.467	8.467	2.27,2.27
20	86.30	82.18	82.97	83.31	84.85	87.53	90.00	89.58	10- 20	24.70	33.16	8.88,8.88
30	83.22	78.93	76.66	79.37	81.97	84.70	86.83	86.84	20- 30	38.94	72.10	19.3,19.3
40	78.97	74.27	71.60	75.68	77.97	81.81	82.63	83.01	30- 40	50.49	122.6	32.8,32.8
50	74.95	71.27	68.15	70.11	73.87	78.92	79.68	78.85	40- 50	58.96	181.6	48.6,48.6
60	72.41	70.25	67.80	69.29	70.92	74.82	77.30	77.43	50- 60	65.95	247.5	66.3,66.3
70	69.35	66.00	66.82	64.13	67.49	70.51	75.61	70.42	60- 70	70.84	318.3	85.2,85.2
80	18.30	17.20	5.162	12.42	12.28	16.43	2.665	19.45	70- 80	48.28	366.6	98.1,98.1
90	0.3129	0.2906	0.2873	0.3198	0.3352	0.3499	0.2805	0.3427	80- 90	2.825	369.5	98.9,98.9
100	0.3811	0.4260	0.4044	0.4396	0.4367	0.3825	0.3994	0.3721	90-100	0.3681	369.8	99,99
110	0.5403	0.5819	0.5693	0.5936	0.5930	0.5207	0.5521	0.5174	100-110	0.5103	370.3	99.1,99.1
120	0.6646	0.7083	0.6964	0.7158	0.7141	0.6329	0.6563	0.6367	110-120	0.6173	371.0	99.3,99.3
130	0.7570	0.8091	0.8034	0.8292	0.8122	0.7335	0.7517	0.7329	120-130	0.6505	371.6	99.5,99.5
140	0.8584	0.9095	0.8932	0.9221	0.8874	0.8144	0.8441	0.8316	130-140	0.6418	372.2	99.6,99.6
150	0.8925	0.9325	0.9279	0.9511	0.9162	0.8461	0.8874	0.8667	140-150	0.5582	372.8	99.8,99.8
160	0.9278	0.9674	0.9857	0.9831	0.9423	0.8835	0.9250	0.9016	150-160	0.4252	373.2	99.9,99.9
170	0.9480	0.9689	0.9874	0.9952	0.9581	0.9210	0.9597	0.9510	160-170	0.2693	373.5	100,100
180	0.9711	0.9699	0.9886	0.9976	0.9653	0.9642	0.9741	1.003	170-180	0.0925	373.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 151.17 lm

%lum = 40.5%

%lamp = 40.5%

Conical surface Flux(120deg): 247.51 lm

%lum = 66.3%

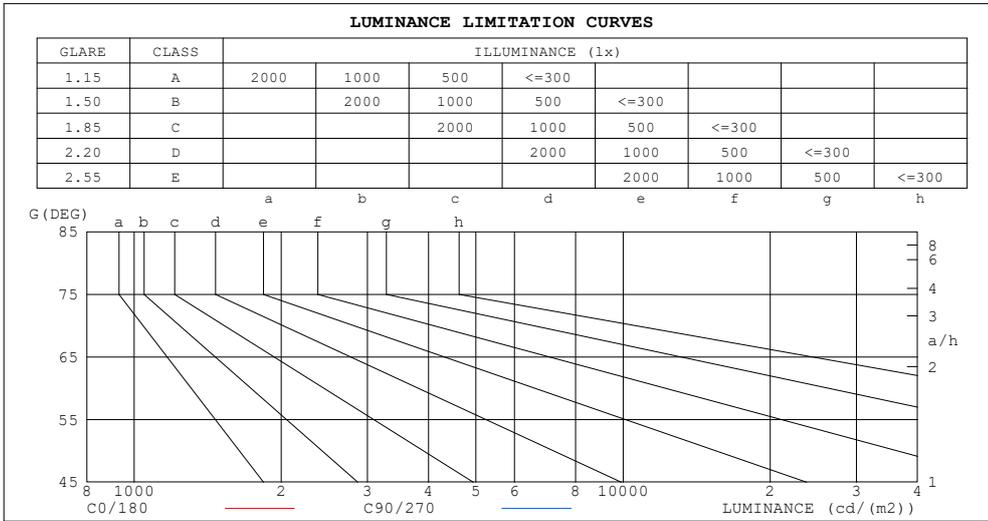
%lamp = 66.3%

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Chen Songyu  
 Test Date:2025-10-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity:65.0%  
 Test Distance:9.520m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

<b>Name:</b> LED3W-ENM-W	<b>Type:</b>	<b>Weight:</b>
<b>SPEC.:</b> 5000K	<b>DIM.:</b>	<b>Instrument No.:</b> HUP-IES-B3
<b>MFR.:</b> EVERFINE	<b>SUR.:</b> 0.01	<b>shielding angle:</b>



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	46313	39364
80	335766	94707
75	665698	584990
70	646074	622503
65	543560	513945
60	461429	432052
55	409056	379322
50	371552	337802
45	346295	313089

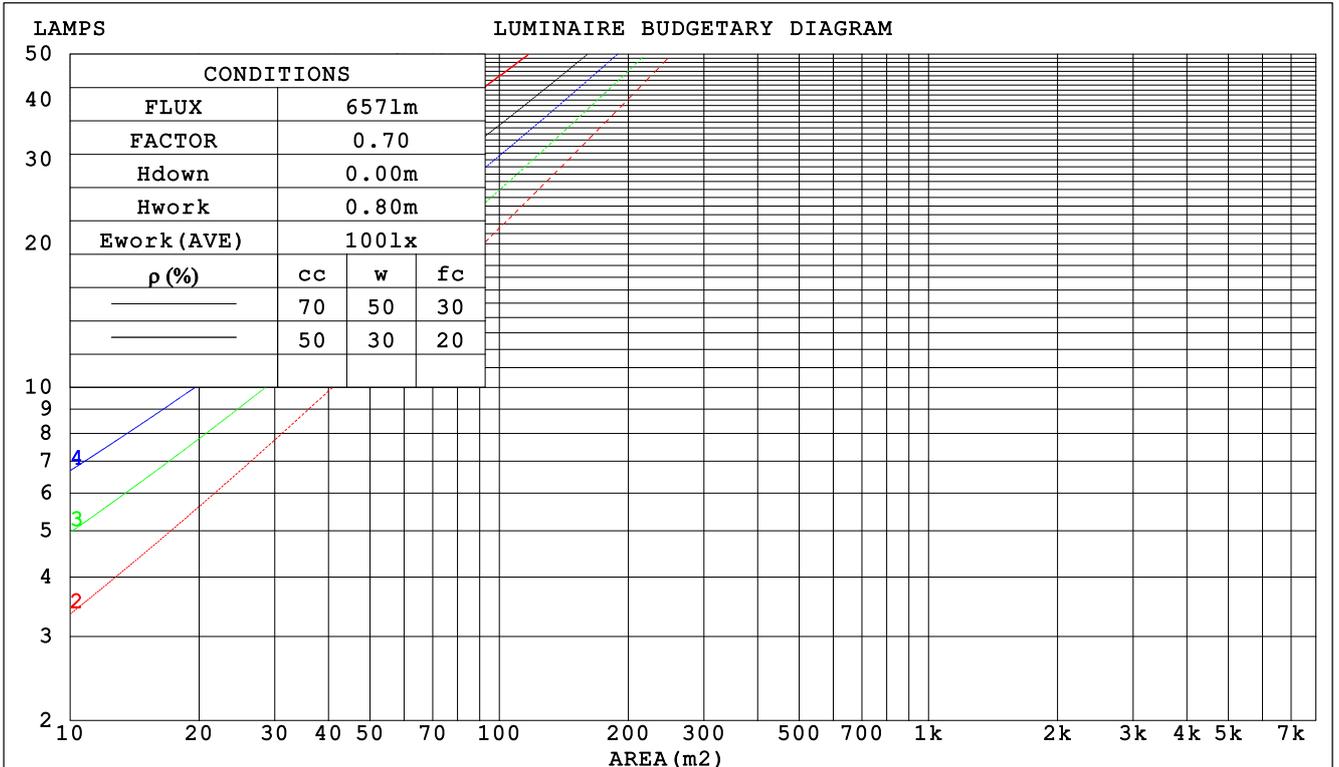
C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Chen Songyu  
 Test Date: 2025-10-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 9.520m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Name: LED3W-ENM-W	Type:	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: EVERFINE	SUR.: 0.01	shielding angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.02	.97	.92	.99	.95	.91	.95	.91	.88	.90	.87	.85	.87	.84	.82	.80
2.0	.86	.78	.72	.84	.77	.71	.80	.74	.69	.77	.72	.67	.73	.69	.65	.63
3.0	.74	.65	.57	.72	.63	.57	.69	.61	.55	.66	.59	.54	.63	.58	.53	.51
4.0	.64	.54	.47	.63	.54	.46	.60	.52	.46	.57	.50	.45	.55	.49	.44	.42
5.0	.57	.47	.39	.55	.46	.39	.53	.45	.38	.51	.44	.38	.49	.42	.37	.35
6.0	.50	.41	.34	.49	.40	.33	.47	.39	.33	.45	.38	.32	.44	.37	.32	.30
7.0	.45	.36	.29	.44	.35	.29	.43	.35	.29	.41	.34	.28	.40	.33	.28	.26
8.0	.41	.32	.26	.40	.32	.25	.39	.31	.25	.37	.30	.25	.36	.30	.25	.23
9.0	.37	.29	.23	.37	.28	.23	.36	.28	.22	.34	.27	.22	.33	.27	.22	.20
10.0	.34	.26	.20	.34	.26	.20	.33	.25	.20	.32	.25	.20	.31	.24	.20	.18



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Chen Songyu  
 Test Date: 2025-10-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 9.520m [K=1.0000]  
 Remarks:

WEC AND CCEC

Name: LED3W-ENM-W	Type:	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: EVERFINE	SUR.: 0.01	shielding angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.349	.199	.063	.342	.195	.062	.328	.188	.060	.315	.181	.058	.303	.175	.057	
2.0	.331	.182	.056	.325	.179	.055	.312	.173	.054	.300	.168	.053	.289	.164	.052	
3.0	.304	.162	.048	.298	.159	.048	.287	.155	.047	.276	.151	.046	.266	.147	.046	
4.0	.277	.144	.042	.272	.142	.042	.262	.139	.041	.252	.135	.041	.244	.132	.040	
5.0	.253	.129	.037	.248	.128	.037	.239	.125	.037	.231	.122	.036	.223	.119	.036	
6.0	.232	.117	.033	.228	.115	.033	.220	.113	.033	.213	.111	.032	.206	.108	.032	
7.0	.214	.106	.030	.211	.105	.030	.203	.103	.030	.197	.101	.029	.190	.099	.029	
8.0	.199	.097	.027	.195	.096	.027	.189	.094	.027	.183	.093	.027	.177	.091	.026	
9.0	.185	.090	.025	.182	.089	.025	.176	.087	.025	.171	.086	.025	.166	.084	.024	
10.0	.173	.083	.023	.170	.082	.023	.165	.081	.023	.160	.080	.023	.155	.078	.022	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.192	.164	.140	.164	.141	.120	.112	.097	.083	.065	.056	.048	.021	.018	.016	
2.0	.186	.140	.102	.159	.121	.088	.109	.084	.061	.063	.049	.036	.020	.016	.012	
3.0	.180	.123	.078	.154	.106	.068	.106	.074	.048	.061	.043	.028	.020	.014	.009	
4.0	.172	.110	.063	.148	.095	.055	.102	.066	.038	.059	.039	.023	.019	.013	.007	
5.0	.165	.100	.052	.142	.087	.046	.098	.061	.032	.056	.036	.019	.018	.012	.006	
6.0	.157	.092	.045	.135	.080	.039	.093	.056	.028	.054	.033	.017	.017	.011	.005	
7.0	.150	.085	.040	.129	.074	.035	.089	.052	.025	.052	.031	.015	.017	.010	.005	
8.0	.143	.079	.036	.123	.069	.031	.085	.048	.022	.050	.029	.013	.016	.009	.004	
9.0	.137	.075	.033	.118	.065	.028	.081	.045	.020	.047	.027	.012	.015	.009	.004	
10.0	.130	.070	.030	.112	.061	.026	.078	.043	.019	.045	.025	.011	.015	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Chen Songyu  
 Test Date:2025-10-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity:65.0%  
 Test Distance:9.520m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Name: LED3W-ENM-W		Type:					Weight:				
SPEC.: 5000K		DIM.:					Instrument No.: HUP-IES-B3				
MFR.: EVERFINE		SUR.: 0.01					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	37.7	39.4	38.0	39.6	39.8	37.4	39.1	37.7	39.3	39.6	
3H	40.8	42.4	41.2	42.6	42.9	40.6	42.1	40.9	42.4	42.7	
4H	42.1	43.6	42.5	43.9	44.2	41.8	43.2	42.1	43.5	43.8	
6H	42.6	44.0	43.0	44.3	44.6	42.0	43.4	42.4	43.7	44.0	
8H	42.6	43.9	42.9	44.2	44.6	42.0	43.3	42.3	43.6	44.0	
12H	42.5	43.8	42.9	44.1	44.5	41.9	43.2	42.3	43.5	43.9	
4H 2H	38.7	40.2	39.1	40.5	40.8	38.5	40.0	38.9	40.3	40.6	
3H	42.0	43.3	42.3	43.6	43.9	41.8	43.1	42.2	43.4	43.7	
4H	43.3	44.5	43.7	44.8	45.2	43.0	44.2	43.4	44.5	44.9	
6H	43.8	44.9	44.3	45.3	45.7	43.3	44.4	43.7	44.7	45.1	
8H	43.8	44.8	44.2	45.2	45.6	43.2	44.2	43.7	44.6	45.0	
12H	43.8	44.7	44.2	45.1	45.5	43.2	44.1	43.7	44.5	45.0	
8H 4H	43.6	44.6	44.1	45.0	45.4	43.4	44.4	43.8	44.8	45.2	
6H	44.2	45.0	44.7	45.5	45.9	43.7	44.5	44.2	45.0	45.4	
8H	44.2	44.9	44.7	45.4	45.9	43.7	44.4	44.2	44.9	45.3	
12H	44.2	44.8	44.7	45.3	45.8	43.7	44.3	44.2	44.8	45.3	
12H 4H	43.6	44.5	44.1	44.9	45.4	43.4	44.3	43.8	44.7	45.1	
6H	44.2	44.9	44.7	45.4	45.9	43.7	44.4	44.2	44.9	45.4	
8H	44.2	44.8	44.7	45.3	45.8	43.7	44.3	44.2	44.8	45.3	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.4					

CIE Pub.117, 373.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.4)  
 Area: 0.000314 m2

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Chen Songyu  
 Test Date:2025-10-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity:65.0%  
 Test Distance:9.520m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Name: LED3W-ENM-W	Type:	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: EVERFINE	SUR.: 0.01	shielding angle:

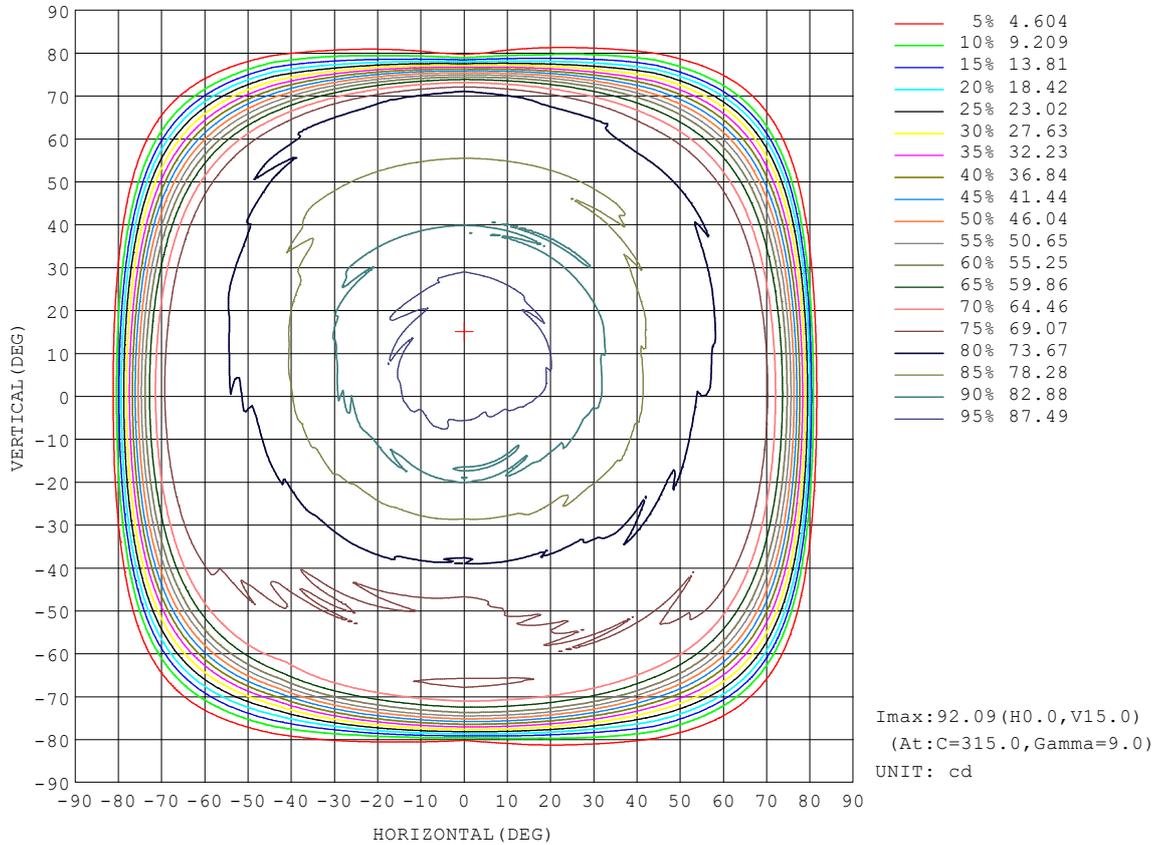
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	51	39	31	51	38	31	49	38	31	24
0.80	61	48	40	60	48	40	58	47	39	31
1.00	69	57	48	68	56	48	65	58	47	39
1.25	77	65	56	75	64	56	72	62	55	46
1.50	82	71	62	80	70	62	77	68	61	52
2.00	90	80	72	88	79	72	84	76	70	61
2.50	95	86	79	93	84	78	88	81	76	67
3.00	99	91	85	97	89	83	92	86	81	72
4.00	104	97	92	101	95	91	97	92	88	78
5.00	107	102	97	104	99	95	99	96	92	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Chen Songyu  
 Test Date: 2025-10-15

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 9.520m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Name: LED3W-ENM-W	Type:	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: EVERFINE	SUR.: 0.01	shielding angle:

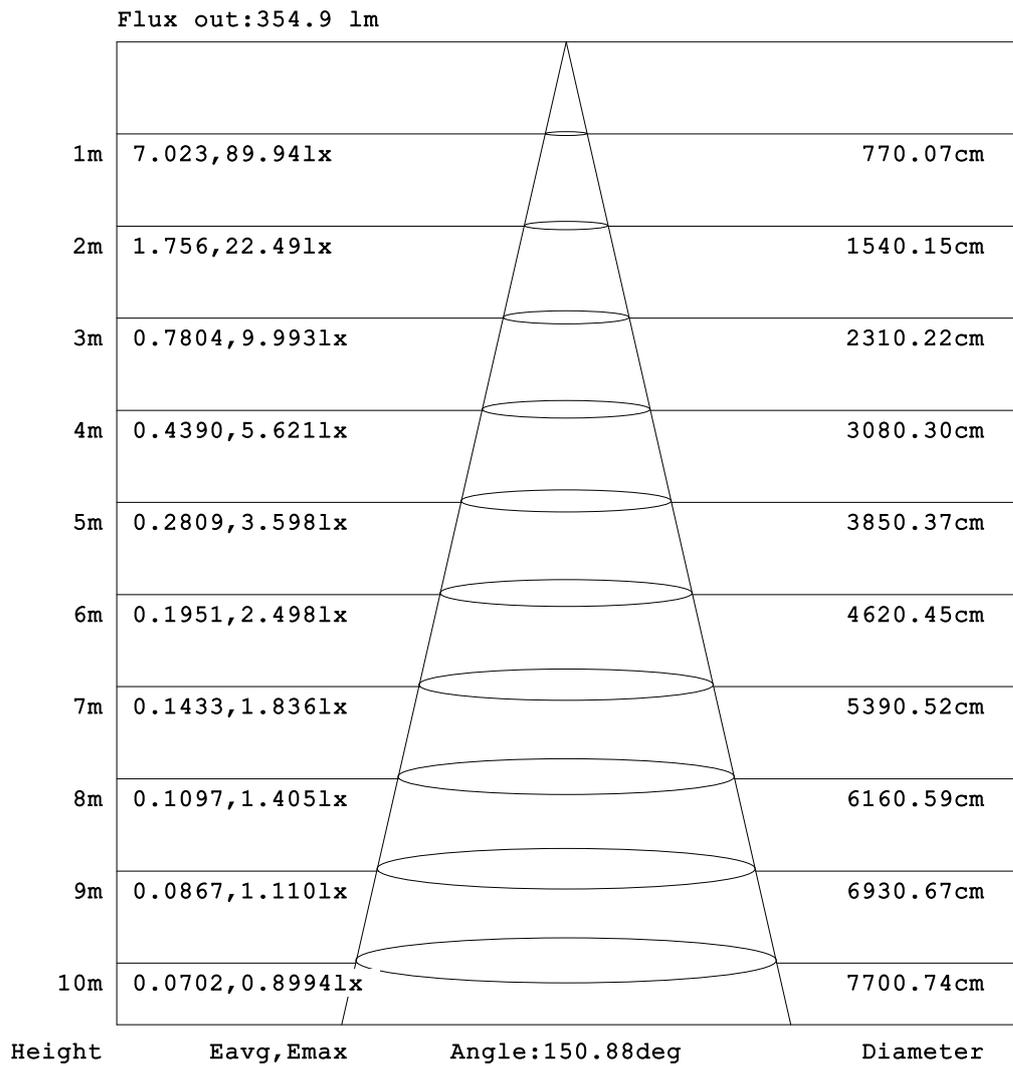


C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Chen Songyu  
 Test Date: 2025-10-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 9.520m [K=1.0000]  
 Remarks:

**AAI Figure**

Name: LED3W-ENM-W	Type:	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: EVERFINE	SUR.: 0.01	shielding angle:



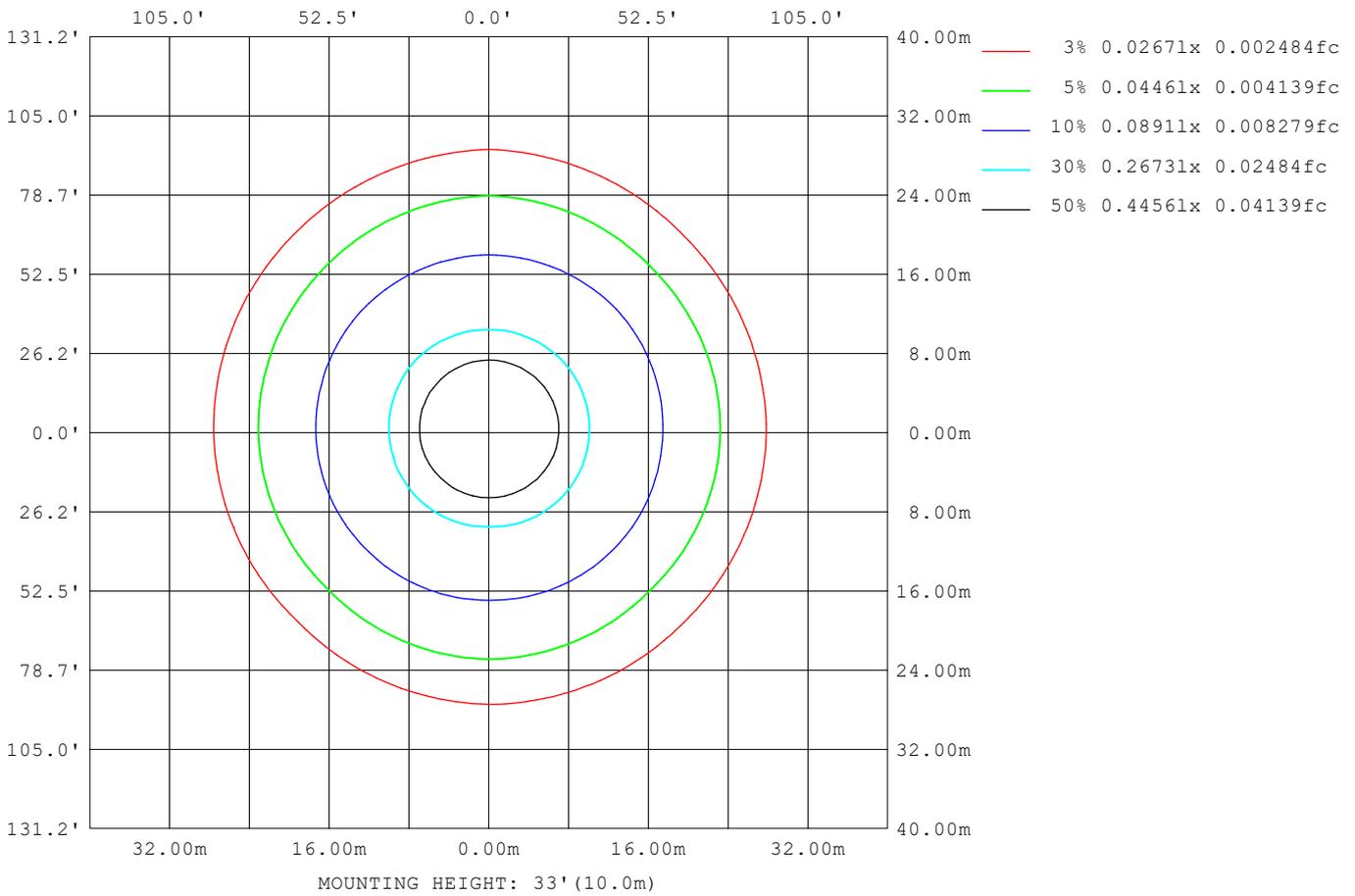
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Chen Songyu  
 Test Date: 2025-10-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 9.520m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

<b>Name:</b> LED3W-ENM-W	<b>Type:</b>	<b>Weight:</b>
<b>SPEC.:</b> 5000K	<b>DIM.:</b>	<b>Instrument No.:</b> HUP-IES-B3
<b>MFR.:</b> EVERFINE	<b>SUR.:</b> 0.01	<b>shielding angle:</b>



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Chen Songyu  
 Test Date: 2025-10-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 9.520m [K=1.0000]  
 Remarks:

LED Avg.L Report

Name: LED3W-ENM-W	Type:	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: EVERFINE	SUR.: 0.01	shielding angle:

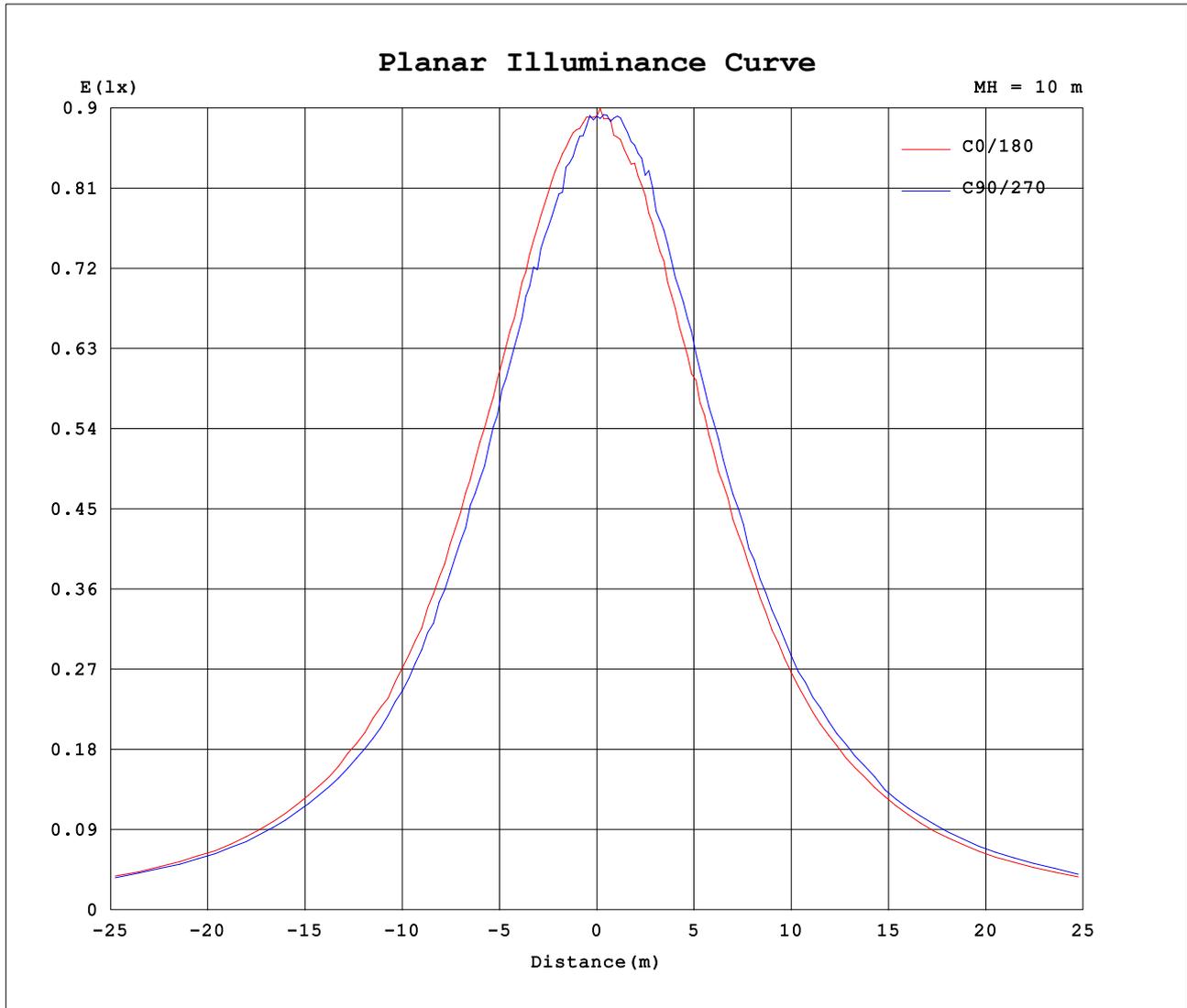
AvgL	cd/m2
L_0~180 (65) av	540174
L_0~180 (75) av	632961
L_0~180 (85) av	49014
L_90~270 (65) av	549429
L_90~270 (75) av	596325
L_90~270 (85) av	27991
L_45 (65) av	534826
L_45 (75) av	589119
L_45 (85) av	49855

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Chen Songyu  
 Test Date:2025-10-15

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity:65.0%  
 Test Distance:9.520m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
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$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 9.520m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Name: LED3W-ENM-W	Type:	Weight:
SPEC.: 5000K	DIM.:	Instrument No.: HUP-IES-B3
MFR.: EVERFINE	SUR.: 0.01	shielding angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315										
0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1										
5	88.7	88.5	87.8	89.3	87.9	89.1	89.8	90.9										
10	88.8	84.8	84.3	87.9	87.6	88.5	90.3	89.9										
15	87.9	84.1	83.8	85.8	86.7	89.1	92.0	90.8										
20	86.3	82.2	83.0	83.3	84.8	87.5	90.0	89.6										
25	85.0	80.6	80.1	81.9	83.6	87.1	89.2	88.4										
30	83.2	78.9	76.7	79.4	82.0	84.7	86.8	86.8										
35	81.2	77.0	75.3	77.8	79.7	84.2	84.9	85.4										
40	79.0	74.3	71.6	75.7	78.0	81.8	82.6	83.0										
45	76.8	73.0	69.5	71.9	75.4	79.3	80.7	80.7										
50	75.0	71.3	68.2	70.1	73.9	78.9	79.7	78.9										
55	73.6	69.7	68.3	69.8	72.8	77.3	79.1	78.4										
60	72.4	70.3	67.8	69.3	70.9	74.8	77.3	77.4										
65	72.1	68.2	68.2	67.3	71.3	74.1	77.6	74.2										
70	69.3	66.0	66.8	64.1	67.5	70.5	75.6	70.4										
75	54.1	48.1	47.5	41.0	48.8	49.1	49.4	53.4										
80	18.3	17.2	5.16	12.4	12.3	16.4	2.67	19.5										
85	1.27	1.48	1.08	1.41	1.42	1.23	0.46	1.34										
90	0.31	0.29	0.29	0.32	0.34	0.35	0.28	0.34										
95	0.30	0.35	0.32	0.36	0.36	0.31	0.33	0.30										
100	0.38	0.43	0.40	0.44	0.44	0.38	0.40	0.37										
105	0.46	0.51	0.49	0.52	0.51	0.46	0.47	0.44										
110	0.54	0.58	0.57	0.59	0.59	0.52	0.55	0.52										
115	0.61	0.65	0.64	0.66	0.66	0.59	0.62	0.58										
120	0.66	0.71	0.70	0.72	0.71	0.63	0.66	0.64										
125	0.71	0.75	0.75	0.77	0.76	0.68	0.70	0.68										
130	0.76	0.81	0.80	0.83	0.81	0.73	0.75	0.73										
135	0.81	0.87	0.86	0.89	0.86	0.78	0.81	0.79										
140	0.86	0.91	0.89	0.92	0.89	0.81	0.84	0.83										
145	0.88	0.93	0.92	0.94	0.91	0.83	0.87	0.85										
150	0.89	0.93	0.93	0.95	0.92	0.85	0.89	0.87										
155	0.90	0.95	0.96	0.97	0.93	0.86	0.90	0.88										
160	0.93	0.97	0.99	0.98	0.94	0.88	0.93	0.90										
165	0.95	0.97	0.99	0.99	0.95	0.90	0.94	0.92										
170	0.95	0.97	0.99	1.00	0.96	0.92	0.96	0.95										
175	0.96	0.97	0.99	1.00	0.96	0.95	0.97	0.98										
180	0.97	0.97	0.99	1.00	0.97	0.96	0.97	1.00										

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