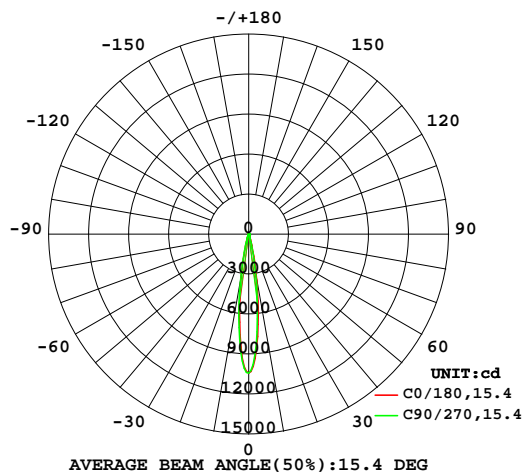


LUMINAIRE PHOTOMETRIC TEST REPORT

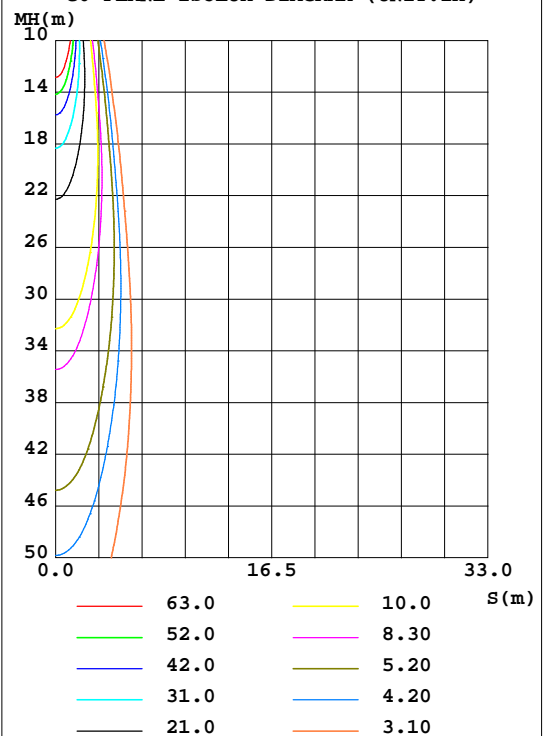
NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-5CCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.: ϕ 55mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.07 lm/W			
MODEL		I _{max} (cd)	10445	S/MH(C0/180)	0.26
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	120V	TOTAL FLUX(lm)	1164.4	η UP,DN(C0-180)	0.5,47.6
NOMINAL FLUX(lm)	1164.39	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,51.3
LAMPS INSIDE	1	η up(%)	1.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	99.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.480m [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	351.4	326.4	314.6	315.5	337.9	351.5	369.0	379.1	0- 10	588.3	588.3	50.5, 50.5
20	39.96	35.11	31.84	30.99	33.93	37.17	41.62	44.21	10- 20	332.9	921.2	79.1, 79.1
30	10.83	9.774	9.330	9.232	9.615	10.21	11.26	11.74	20- 30	84.89	1006	86.4, 86.4
40	6.485	6.065	5.947	6.000	6.154	6.440	6.778	6.941	30- 40	48.51	1055	90.6, 90.6
50	4.556	4.417	4.358	4.365	4.426	4.545	4.697	4.756	40- 50	41.95	1097	94.2, 94.2
60	2.599	2.587	2.554	2.539	2.576	2.589	2.681	2.707	50- 60	31.64	1128	96.9, 96.9
70	1.080	1.094	1.064	1.054	1.091	1.080	1.132	1.136	60- 70	17.87	1146	98.4, 98.4
80	0.1604	0.1527	0.1479	0.1454	0.1565	0.1615	0.1682	0.1702	70- 80	5.774	1152	98.9, 98.9
90	0.0078	0.0078	0.0080	0.0078	0.0193	0.0185	0.0190	0.0178	80- 90	0.6369	1152	99, 99
100	0.0118	0.0118	0.0149	0.0149	0.0338	0.0320	0.0323	0.0313	90-100	0.1891	1153	99, 99
110	0.0205	0.0200	0.0222	0.0225	0.0397	0.0383	0.0377	0.0375	100-110	0.2813	1153	99, 99
120	0.0357	0.0352	0.0382	0.0385	0.0491	0.0458	0.0445	0.0438	110-120	0.3359	1153	99, 99
130	0.0971	0.1039	0.1121	0.1154	0.1501	0.1381	0.1308	0.1293	120-130	0.6125	1154	99.1, 99.1
140	0.3724	0.3879	0.4027	0.4062	0.4660	0.4503	0.4385	0.4335	130-140	1.939	1156	99.3, 99.3
150	0.6486	0.6558	0.6631	0.6611	0.6690	0.6618	0.6616	0.6581	140-150	3.492	1159	99.6, 99.6
160	0.6870	0.6748	0.6918	0.6541	0.6420	0.6320	0.6773	0.6661	150-160	3.149	1162	99.8, 99.8
170	0.4585	0.4350	0.4366	0.3857	0.3471	0.3528	0.4249	0.4133	160-170	1.619	1164	100, 100
180	0.2258	0.2393	0.2273	0.2391	0.2256	0.2388	0.2271	0.2396	170-180	0.3075	1164	100, 100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT: lm		

Conical surface Flux(90deg): 1076.4 lm

%lum = 92.4%

%lamp = 92.4%

Conical surface Flux(120deg): 1128.2 lm

%lum = 96.9%

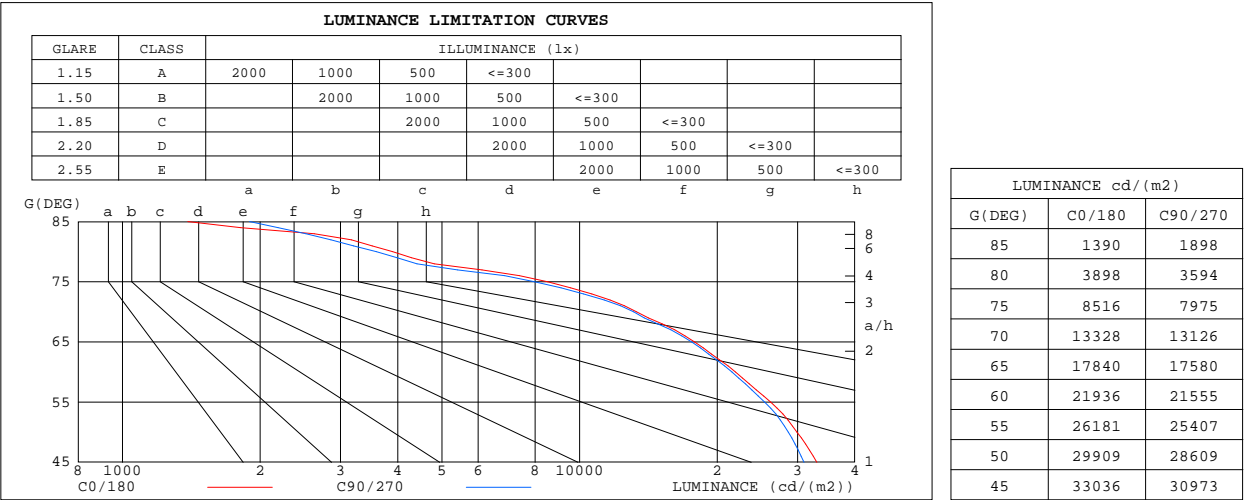
%lamp = 96.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 6.480m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-5CCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.:Φ55mm	Shielding Angle:



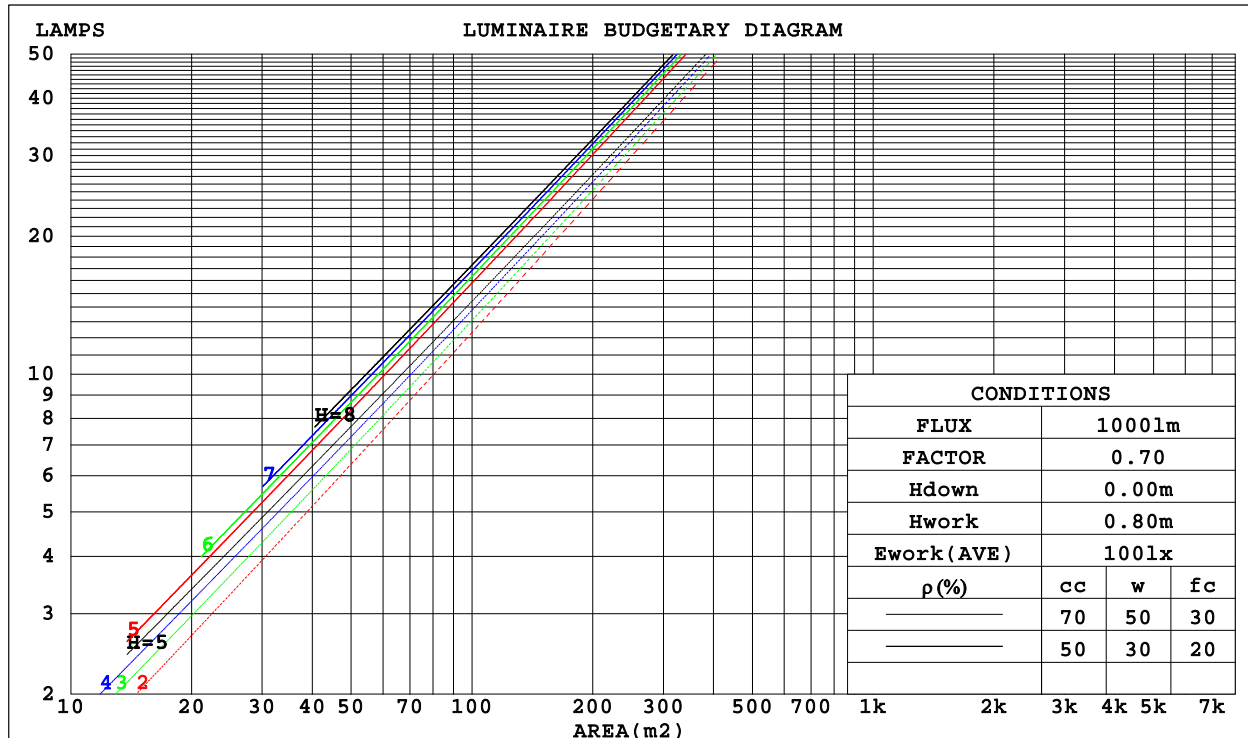
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.480m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-5CCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.: ϕ 55mm	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	1.01	1.01	1.01	.99	
1.0	1.12	1.10	1.09	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.95	
2.0	1.07	1.04	1.01	1.05	1.02	.99	1.02	.99	.98	.99	.97	.95	.96	.95	.93	.92	
3.0	1.02	.98	.95	1.01	.97	.95	.98	.95	.93	.96	.93	.92	.93	.92	.90	.89	
4.0	.98	.94	.91	.97	.93	.90	.95	.92	.89	.93	.90	.88	.91	.89	.87	.86	
5.0	.95	.91	.88	.94	.90	.87	.92	.89	.86	.90	.88	.85	.89	.87	.85	.84	
6.0	.92	.88	.85	.91	.87	.84	.90	.86	.84	.88	.85	.83	.87	.84	.82	.81	
7.0	.89	.85	.82	.89	.85	.82	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80	
8.0	.87	.83	.80	.86	.83	.80	.85	.82	.79	.84	.81	.79	.83	.81	.79	.78	
9.0	.85	.81	.78	.84	.81	.78	.83	.80	.78	.83	.80	.77	.82	.79	.77	.76	
10.0	.83	.79	.77	.83	.79	.76	.82	.78	.76	.81	.78	.76	.80	.78	.76	.75	



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.480m [K=1.0000]
Remarks:

WEC AND CCEC

NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-SCCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.:Φ55mm	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	.142	.081	.026	.135	.077	.024	.122	.070	.022	.110	.064	.020	.099	.058	.019	
2.0	.132	.072	.022	.126	.070	.021	.116	.064	.020	.106	.059	.019	.096	.055	.017	
3.0	.122	.065	.020	.118	.063	.019	.109	.059	.018	.100	.055	.017	.092	.051	.016	
4.0	.114	.059	.017	.110	.057	.017	.102	.054	.016	.095	.051	.015	.088	.048	.015	
5.0	.106	.054	.016	.102	.053	.015	.096	.050	.015	.090	.047	.014	.084	.045	.013	
6.0	.099	.050	.014	.096	.049	.014	.090	.046	.013	.085	.044	.013	.080	.042	.013	
7.0	.093	.046	.013	.091	.045	.013	.086	.043	.012	.081	.042	.012	.077	.040	.012	
8.0	.088	.043	.012	.086	.042	.012	.081	.041	.012	.077	.039	.011	.073	.038	.011	
9.0	.083	.040	.011	.081	.040	.011	.077	.038	.011	.074	.037	.011	.070	.036	.010	
10.0	.079	.038	.010	.077	.037	.010	.074	.036	.010	.070	.035	.010	.067	.034	.010	

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	.198	.198	.198	.169	.169	.169	.116	.116	.116	.066	.066	.066	.021	.021	.021	
1.0	.177	.165	.156	.151	.142	.134	.103	.098	.093	.059	.057	.054	.019	.018	.017	
2.0	.159	.141	.125	.136	.121	.108	.093	.084	.076	.054	.049	.044	.017	.016	.014	
3.0	.144	.121	.103	.123	.105	.089	.085	.073	.063	.049	.042	.037	.016	.014	.012	
4.0	.131	.106	.086	.113	.092	.075	.078	.064	.053	.045	.037	.031	.014	.012	.010	
5.0	.121	.094	.074	.104	.081	.064	.071	.057	.045	.041	.033	.027	.013	.011	.009	
6.0	.112	.084	.064	.096	.072	.055	.066	.051	.039	.038	.030	.023	.012	.010	.008	
7.0	.104	.075	.056	.089	.065	.049	.062	.046	.034	.036	.027	.020	.012	.009	.007	
8.0	.097	.069	.049	.083	.059	.043	.058	.042	.030	.034	.025	.018	.011	.008	.006	
9.0	.091	.063	.044	.078	.055	.038	.054	.038	.027	.032	.023	.016	.010	.007	.005	
10.0	.085	.058	.040	.074	.050	.035	.051	.035	.025	.030	.021	.015	.010	.007	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-06-15

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.480m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME:					TYPE:LED 5000K CRI90			WEIGHT:			
SPEC.:RAD35R-15-5CCT					DIM.:			SERIAL No.:1			
MFR.: RAYHIL					SUR.: ϕ 55mm			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	2H	17.6	18.2	17.8	18.4	18.6	17.4	18.1	17.6	18.2	18.4
	3H	18.3	18.9	18.5	19.1	19.3	18.1	18.7	18.4	18.9	19.1
	4H	18.4	19.0	18.7	19.2	19.4	18.2	18.8	18.5	19.0	19.3
	6H	18.4	18.9	18.7	19.2	19.4	18.2	18.7	18.5	19.0	19.2
	8H	18.3	18.9	18.6	19.1	19.4	18.1	18.7	18.5	18.9	19.2
	12H	18.3	18.8	18.6	19.1	19.4	18.1	18.6	18.4	18.9	19.2
4H	2H	18.0	18.6	18.3	18.8	19.0	17.8	18.4	18.1	18.6	18.9
	3H	18.7	19.3	19.1	19.5	19.8	18.6	19.1	18.9	19.4	19.7
	4H	18.9	19.4	19.2	19.7	20.0	18.7	19.2	19.1	19.5	19.8
	6H	18.8	19.3	19.2	19.6	20.0	18.7	19.1	19.1	19.5	19.8
	8H	18.8	19.2	19.2	19.6	19.9	18.7	19.1	19.1	19.4	19.8
	12H	18.8	19.1	19.2	19.5	19.9	18.6	19.0	19.0	19.4	19.8
8H	4H	18.8	19.2	19.2	19.6	20.0	18.7	19.1	19.1	19.5	19.8
	6H	18.8	19.1	19.2	19.5	20.0	18.7	19.0	19.1	19.4	19.8
	8H	18.8	19.1	19.2	19.5	20.0	18.6	18.9	19.1	19.3	19.8
	12H	18.7	19.0	19.2	19.4	19.9	18.6	18.8	19.1	19.3	19.8
12H	4H	18.8	19.1	19.2	19.5	19.9	18.7	19.0	19.1	19.4	19.8
	6H	18.8	19.0	19.2	19.5	19.9	18.6	18.9	19.1	19.3	19.8
	8H	18.7	19.0	19.2	19.4	19.9	18.6	18.8	19.1	19.3	19.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.6					+ 0.5 / - 0.6					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					
2.0H	+ 0.9 / - 1.0					+ 0.9 / - 0.9					

CIE Pub.117, 1164 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.5$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.480m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-SCCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.: ϕ 55mm	Shielding Angle:

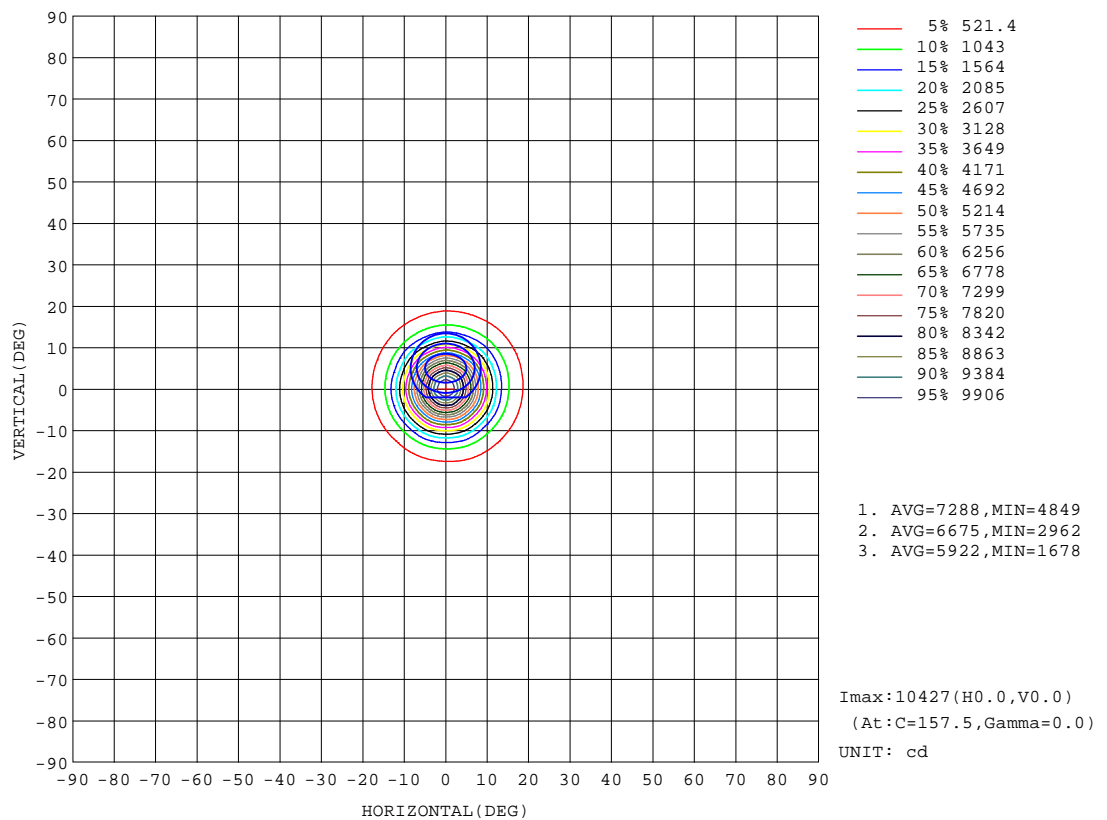
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	96	92	99	94	91	87
1.50	105	100	96	103	99	96	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	102	99	93
3.00	111	107	105	109	106	103	106	103	101	94
4.00	113	110	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:6.480m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-5CCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.: ϕ 55mm	Shielding Angle:

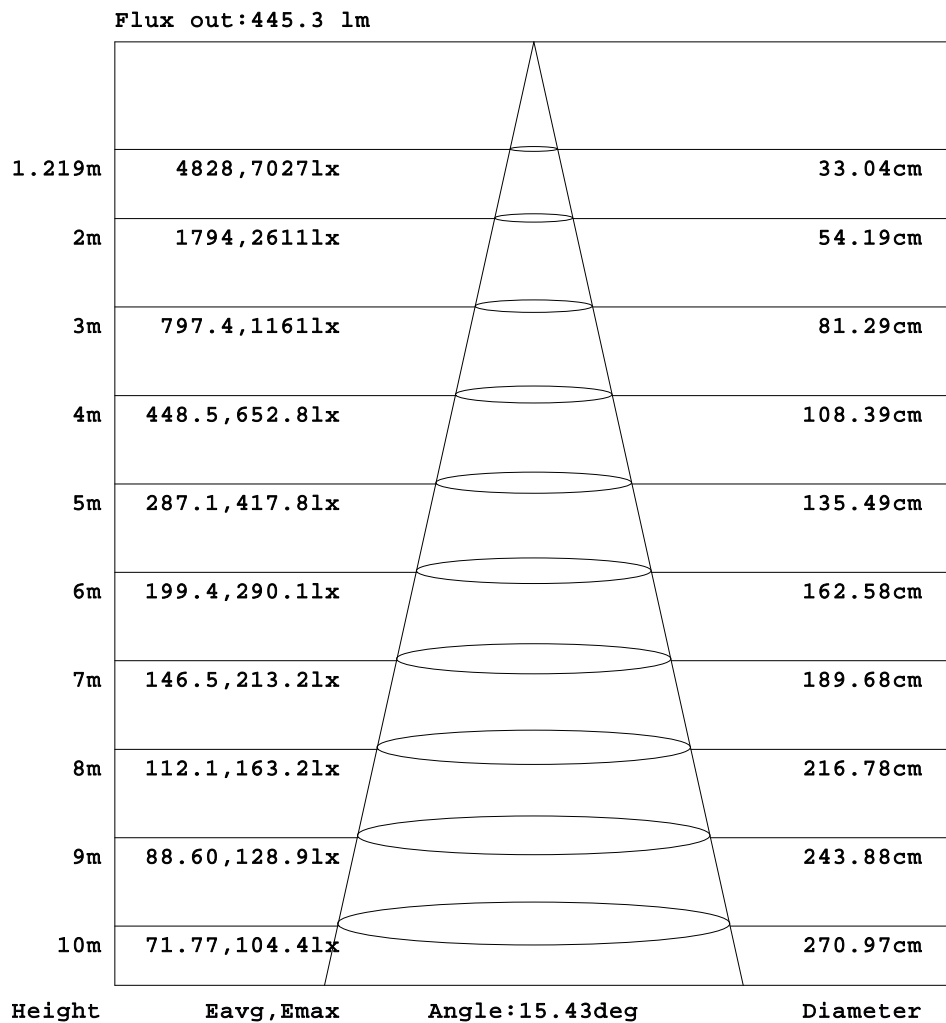


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.480m [K=1.0000]
Remarks:

AAI Figure

NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-SCCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.: ϕ 55mm	Shielding Angle:



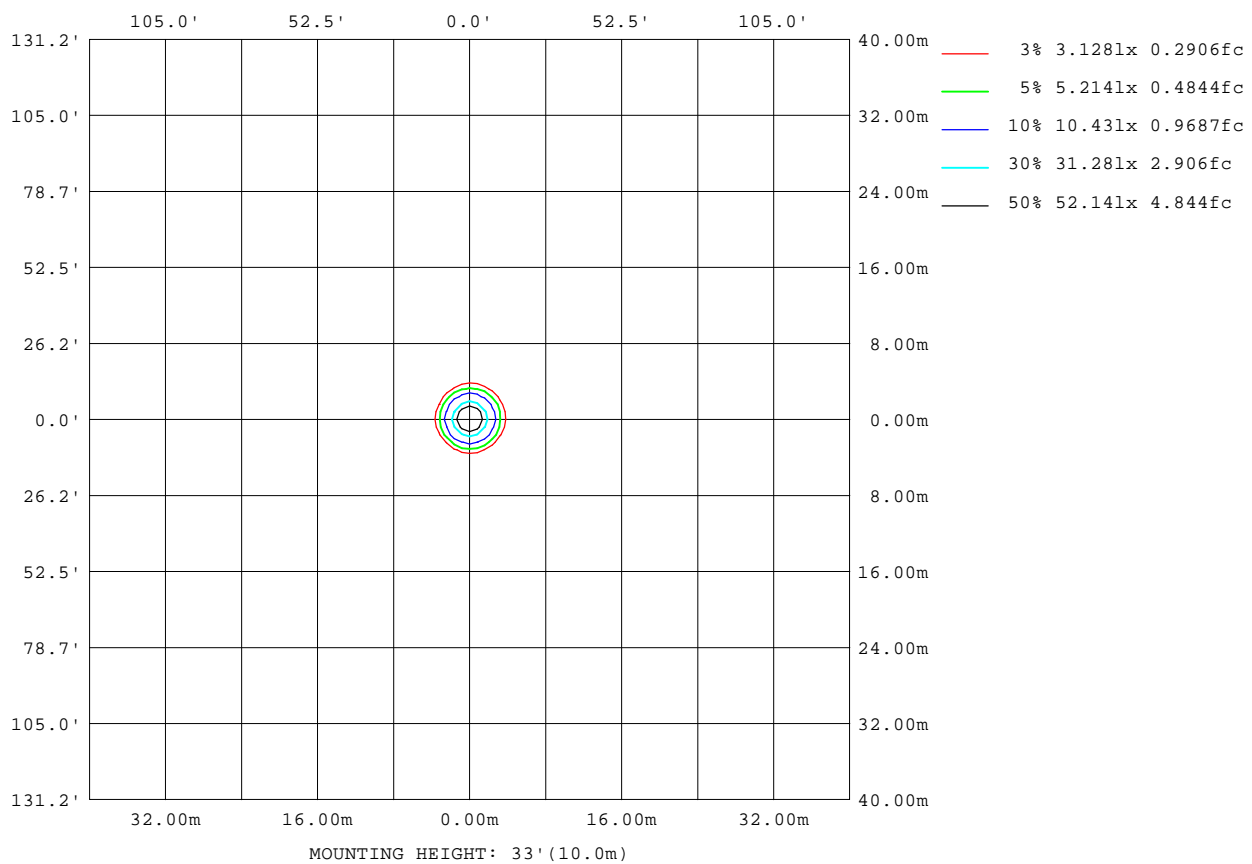
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:6.480m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-5CCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.: ϕ 55mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 6.480m [K=1.0000]
Remarks:

LED Avg.L Report

NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-SCCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.: ϕ 55mm	Shielding Angle:

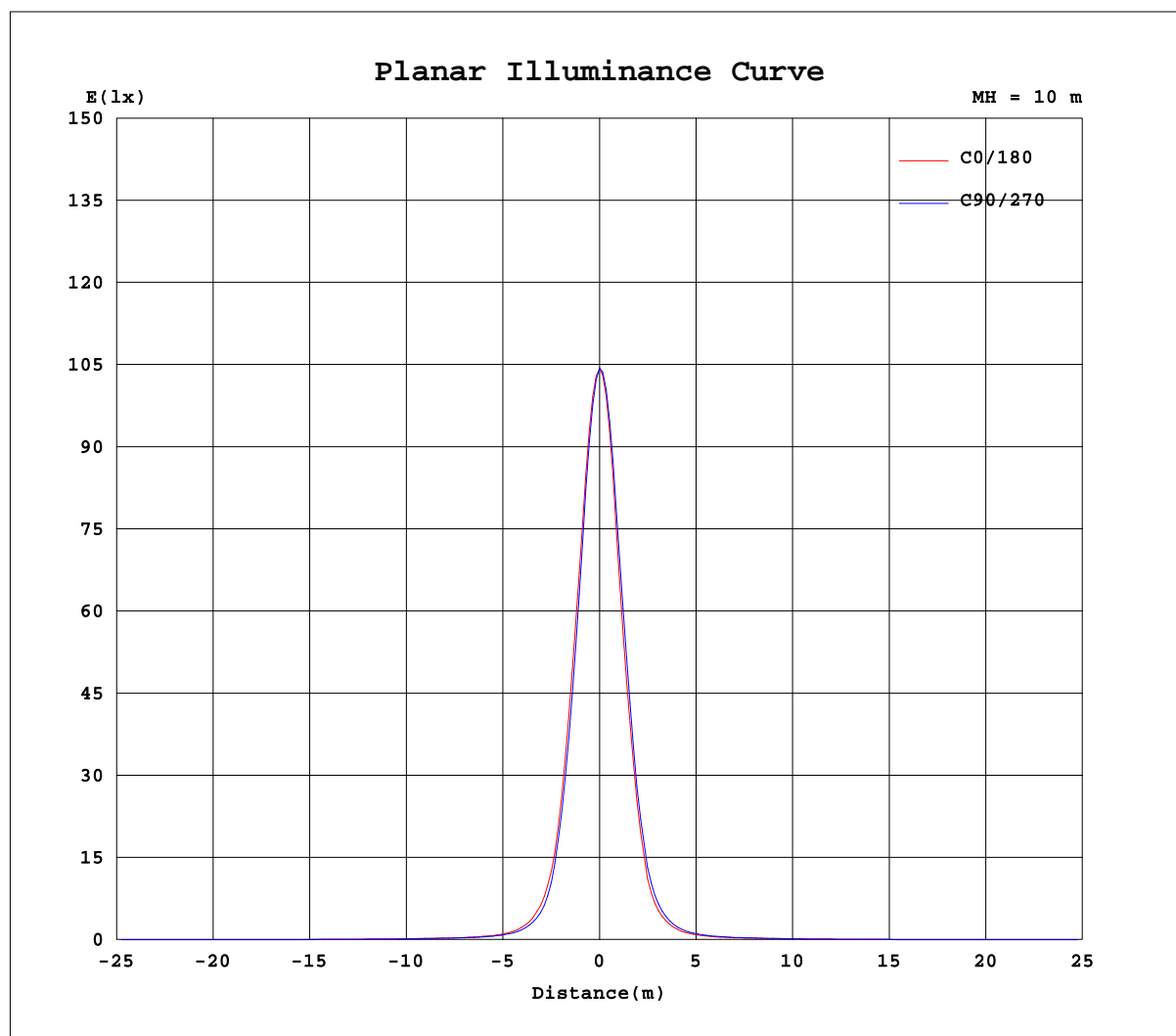
AvgL	cd/m2
L_0~180(65)av	17828
L_0~180(75)av	8400
L_0~180(85)av	1438
L_90~270(65)av	18008
L_90~270(75)av	8521
L_90~270(85)av	2234
L_45(65)av	17942
L_45(75)av	8470
L_45(85)av	2204

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:6.480m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-06-15

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 6.480m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:LED 5000K CRI90	WEIGHT:
SPEC.:RAD35R-15-SCCT	DIM.:	SERIAL No.:1
MFR.: RAYHIL	SUR.: ϕ 55mm	Shielding Angle:

Table--1

UNIT: $\times 10\text{cd}$

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1043	1044	1043	1043	1044	1044	1044	1044	1043	1044	1043	1043	1044	1044	1044	1044			
5	771	768	748	751	737	745	736	751	760	758	779	778	796	791	800	784			
10	351	346	326	326	315	321	315	328	338	336	352	352	369	368	379	366			
15	110	104	96.5	94.7	89.2	89.0	87.0	91.5	95.7	97.3	104	108	115	116	122	117			
20	40.0	37.9	35.1	34.2	31.8	31.6	31.0	32.5	33.9	34.7	37.2	38.9	41.6	42.4	44.2	42.6			
25	18.1	17.3	16.2	16.0	15.1	15.2	14.8	15.4	15.9	16.0	16.9	17.7	18.9	19.3	20.0	19.2			
30	10.8	10.3	9.77	9.57	9.33	9.32	9.23	9.41	9.62	9.78	10.2	10.7	11.3	11.5	11.7	11.3			
35	7.84	7.48	7.19	7.10	6.99	7.02	7.00	7.08	7.22	7.32	7.58	7.89	8.16	8.32	8.41	8.18			
40	6.48	6.24	6.07	6.00	5.95	5.97	6.00	6.06	6.15	6.24	6.44	6.60	6.78	6.85	6.94	6.76			
45	5.54	5.40	5.27	5.21	5.19	5.21	5.21	5.26	5.33	5.40	5.52	5.61	5.75	5.79	5.84	5.72			
50	4.56	4.51	4.42	4.38	4.36	4.37	4.37	4.40	4.43	4.48	4.54	4.59	4.70	4.72	4.76	4.67			
55	3.56	3.56	3.50	3.48	3.45	3.44	3.43	3.48	3.49	3.50	3.54	3.57	3.66	3.67	3.70	3.63			
60	2.60	2.62	2.59	2.58	2.55	2.54	2.54	2.57	2.58	2.57	2.59	2.61	2.68	2.69	2.71	2.65			
65	1.79	1.80	1.79	1.79	1.76	1.76	1.75	1.78	1.78	1.77	1.78	1.79	1.85	1.86	1.86	1.82			
70	1.08	1.10	1.09	1.09	1.06	1.06	1.05	1.08	1.09	1.07	1.08	1.09	1.13	1.14	1.14	1.09			
75	0.52	0.53	0.52	0.52	0.49	0.49	0.48	0.50	0.51	0.51	0.52	0.52	0.56	0.55	0.56	0.54			
80	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17			
85	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
90	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
95	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.02	0.03	0.02	0.03	0.02	0.02	0.02			
100	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
105	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.03	0.04	0.04	0.04	0.03	0.04	0.03			
110	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.03			
115	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04			
120	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04			
125	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.08	0.07	0.07	0.07	0.07	0.06	0.07	0.06			
130	0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.11	0.15	0.15	0.14	0.13	0.13	0.13	0.13	0.13			
135	0.20	0.21	0.22	0.22	0.23	0.23	0.23	0.23	0.29	0.29	0.27	0.27	0.26	0.26	0.26	0.26			
140	0.37	0.38	0.39	0.39	0.40	0.40	0.41	0.40	0.47	0.46	0.45	0.45	0.44	0.44	0.43	0.44			
145	0.54	0.54	0.55	0.56	0.57	0.57	0.57	0.56	0.60	0.60	0.59	0.59	0.58	0.58	0.58	0.58			
150	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.67	0.67	0.66	0.66	0.66	0.66	0.66	0.66			
155	0.69	0.69	0.69	0.70	0.70	0.70	0.69	0.69	0.69	0.68	0.68	0.68	0.69	0.69	0.69	0.69			
160	0.69	0.68	0.67	0.69	0.69	0.68	0.65	0.65	0.64	0.63	0.63	0.65	0.68	0.67	0.67	0.68			
165	0.61	0.60	0.59	0.60	0.61	0.59	0.55	0.53	0.51	0.50	0.52	0.55	0.58	0.59	0.57	0.58			
170	0.46	0.46	0.43	0.44	0.44	0.42	0.39	0.38	0.35	0.34	0.35	0.39	0.42	0.43	0.41	0.42			
175	0.31	0.31	0.31	0.30	0.29	0.29	0.28	0.26	0.24	0.24	0.26	0.26	0.27	0.29	0.29	0.29			
180	0.23	0.23	0.24	0.23	0.23	0.23	0.24	0.23	0.23	0.23	0.24	0.23	0.23	0.23	0.24	0.23			

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