

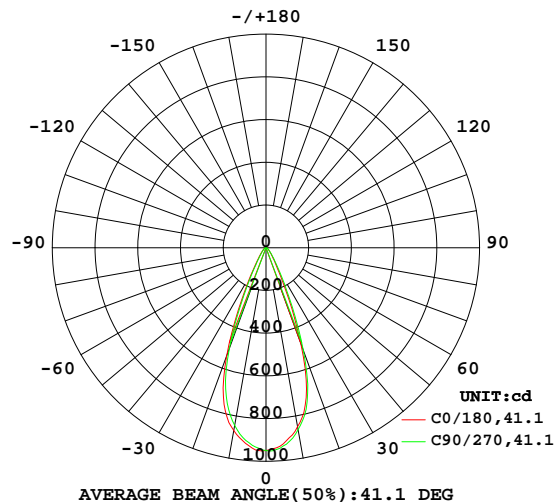
TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

LUMINAIRE PHOTOMETRIC TEST REPORT

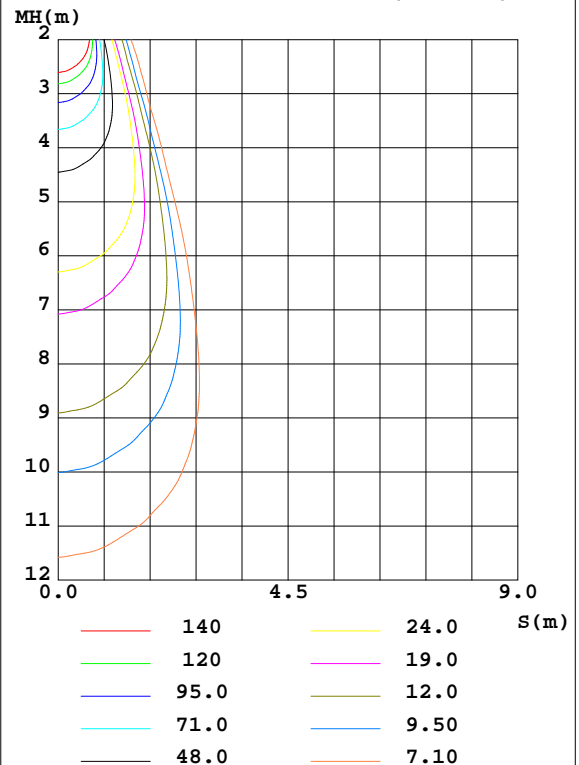
NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 43.52 lm/W			
MODEL	XHP35A-H-30H-D0-U-01	Imax(cd)	953.6	S/MH(C0/180)	0.64
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	479.22	η UP,DN(C0-180)	1.2,50.2
NOMINAL FLUX(lm)	479.217	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,47.4
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down(%)	97.6	CIBSE SHR MAX	0.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	850.9	850.5	865.2	873.9	869.0	859.6	845.3	836.3	0- 10	86.14	86.14	18.18
20	475.8	387.0	511.5	484.2	540.7	427.0	502.3	330.6	10- 20	190.8	276.9	57.8,57.8
30	98.36	88.56	120.0	106.9	127.3	101.8	107.1	79.95	20- 30	107.1	384.1	80.1,80.1
40	35.15	33.46	39.68	40.19	41.23	37.33	35.67	31.45	30- 40	38.34	422.4	88.1,88.1
50	17.82	18.02	19.02	20.53	20.27	19.67	18.05	17.15	40- 50	20.27	442.7	92.4,92.4
60	10.25	10.21	10.85	11.61	11.46	11.27	10.43	9.993	50- 60	12.88	455.6	95.1,95.1
70	5.248	5.245	5.511	6.052	5.837	5.958	5.393	5.077	60- 70	7.933	463.5	96.7,96.7
80	1.418	1.386	1.607	1.988	1.698	1.755	1.495	1.263	70- 80	3.623	467.1	97.5,97.5
90	0.1606	0.1571	0.1648	0.1643	0.1323	0.1284	0.1417	0.1417	80- 90	0.5911	467.7	97.6,97.6
100	0.2268	0.2276	0.2080	0.2056	0.1985	0.1926	0.2081	0.2169	90-100	0.1879	467.9	97.6,97.6
110	0.3634	0.3448	0.3316	0.3007	0.3131	0.3076	0.3343	0.3476	100-110	0.2753	468.2	97.7,97.7
120	0.7838	0.7446	0.6985	0.6079	0.6442	0.6133	0.7153	0.7353	110-120	0.4661	468.6	97.8,97.8
130	1.876	1.920	1.718	1.625	1.591	1.619	1.732	1.887	120-130	1.023	469.7	98,98
140	3.612	3.628	3.420	3.321	3.216	3.294	3.425	3.611	130-140	1.958	471.6	98.4,98.4
150	5.374	5.389	5.291	5.136	5.093	5.125	5.310	5.350	140-150	2.718	474.3	99,99
160	5.999	6.156	6.164	6.197	6.050	6.154	6.164	6.036	150-160	2.679	477.0	99.5,99.5
170	5.466	5.480	5.703	5.741	5.674	5.658	5.566	5.385	160-170	1.684	478.7	99.9,99.9
180	5.305	5.444	5.350	5.439	5.307	5.444	5.345	5.443	170-180	0.5177	479.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

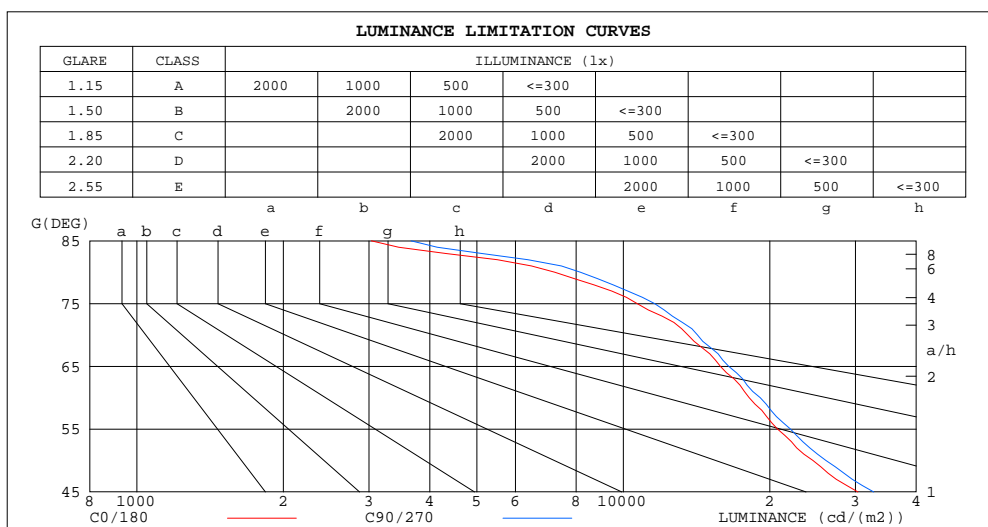
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:28DEG
 Operators:CJY
 Test Date:2024-08-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

LUMINANCE LIMITATION CURVES

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	3033	3662
80	7224	8157
75	10675	11594
70	13573	14199
65	15831	16466
60	18139	19118
55	20746	22064
50	24526	26074
45	30346	32706

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-31

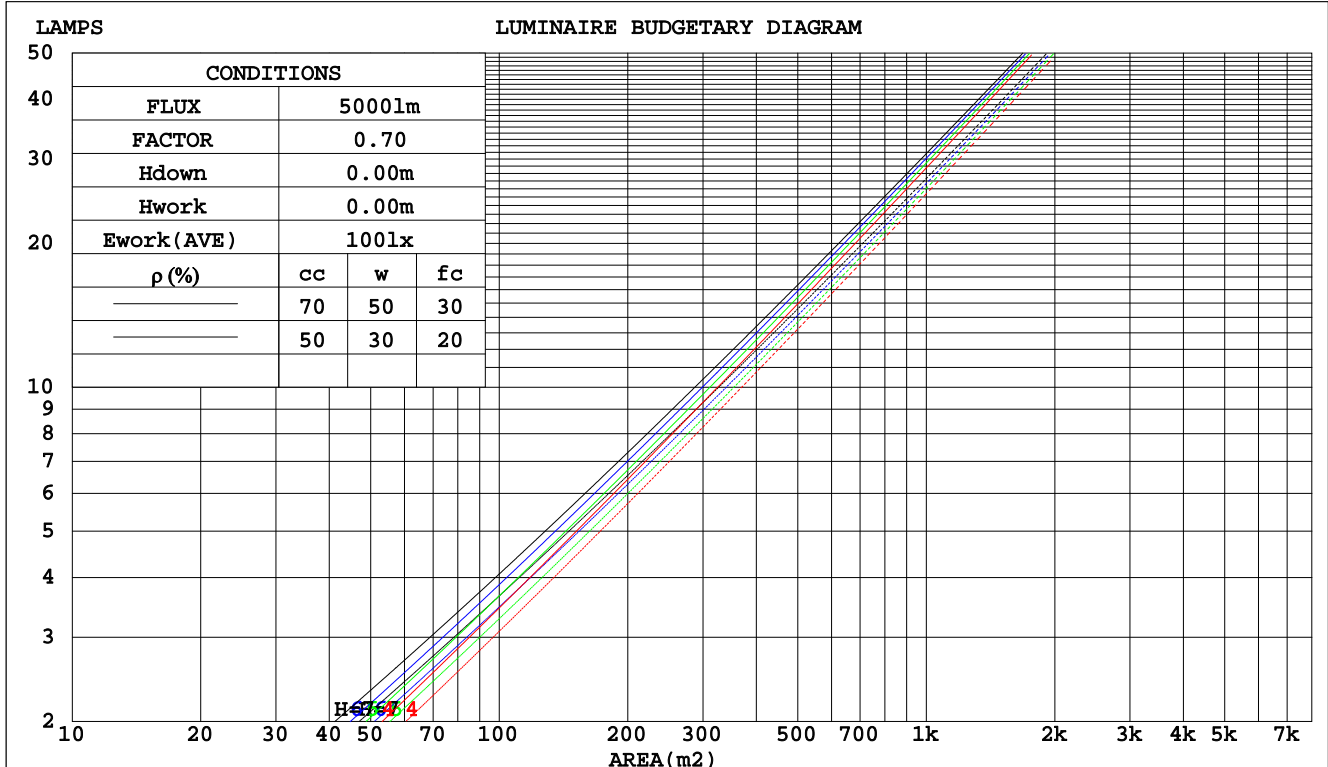
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.10	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.99	.98	.97	.96	.95	.94	.92
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.93	.94	.92	.90	.91	.90	.88	.86
3.0	.97	.92	.89	.95	.91	.88	.93	.89	.86	.90	.87	.84	.87	.85	.83	.81
4.0	.92	.86	.82	.90	.86	.82	.88	.84	.81	.86	.82	.79	.84	.81	.78	.77
5.0	.87	.81	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.82	.77	.73	.81	.76	.73	.80	.75	.72	.78	.74	.71	.77	.73	.71	.69
7.0	.78	.73	.69	.78	.72	.69	.76	.72	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.75	.69	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.71	.67	.64	.63
9.0	.72	.66	.63	.71	.66	.63	.70	.65	.62	.69	.65	.62	.68	.64	.62	.60
10.0	.69	.63	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.65	.62	.59	.58



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

WEC AND CCEC

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	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	.173	.098	.031	.165	.094	.030	.151	.087	.028	.139	.080	.026	.127	.073	.024		
2.0	.163	.089	.027	.157	.086	.027	.145	.081	.025	.134	.075	.024	.124	.070	.022		
3.0	.153	.081	.024	.148	.079	.024	.138	.075	.023	.128	.070	.022	.120	.066	.020		
4.0	.144	.075	.022	.139	.073	.022	.131	.069	.021	.123	.066	.020	.115	.062	.019		
5.0	.136	.069	.020	.132	.068	.020	.124	.065	.019	.117	.062	.018	.110	.059	.018		
6.0	.129	.064	.018	.125	.063	.018	.118	.061	.018	.112	.058	.017	.106	.056	.017		
7.0	.122	.060	.017	.119	.059	.017	.113	.057	.016	.107	.055	.016	.102	.053	.016		
8.0	.116	.057	.016	.113	.056	.016	.108	.054	.015	.103	.052	.015	.098	.050	.015		
9.0	.111	.054	.015	.108	.053	.015	.104	.051	.015	.099	.050	.014	.095	.048	.014		
10.0	.106	.051	.014	.104	.050	.014	.099	.049	.014	.095	.047	.013	.091	.046	.013		

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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.189	.176	.164	.162	.151	.141	.111	.104	.097	.064	.060	.057	.020	.019	.018	
2.0	.174	.151	.132	.149	.130	.114	.102	.090	.080	.059	.052	.047	.019	.017	.015	
3.0	.161	.132	.110	.138	.114	.095	.095	.079	.067	.055	.046	.039	.018	.015	.013	
4.0	.150	.117	.093	.128	.101	.081	.088	.071	.057	.051	.041	.034	.016	.013	.011	
5.0	.140	.106	.080	.121	.091	.070	.083	.064	.049	.048	.037	.029	.016	.012	.010	
6.0	.132	.096	.070	.114	.083	.061	.078	.058	.043	.046	.034	.026	.015	.011	.008	
7.0	.125	.088	.063	.108	.077	.055	.075	.054	.039	.043	.032	.023	.014	.010	.008	
8.0	.119	.082	.057	.103	.071	.049	.071	.050	.035	.041	.029	.021	.013	.010	.007	
9.0	.114	.077	.052	.098	.067	.045	.068	.047	.032	.040	.028	.019	.013	.009	.006	
10.0	.109	.072	.048	.094	.063	.042	.065	.044	.030	.038	.026	.018	.012	.009	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO010-01					TYPE:3000K CRI90			WEIGHT:1			
SPEC.:12V700mA					DIM.:			SERIAL No.:			
MFR.:					SUR.:38			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		20.8	21.7	21.1	21.9	22.1	21.0	21.9	21.3	22.1	22.3
3H		21.5	22.3	21.8	22.5	22.7	21.7	22.5	22.0	22.7	22.9
4H		21.7	22.4	22.0	22.7	23.0	21.9	22.7	22.2	22.9	23.2
6H		21.8	22.5	22.1	22.7	23.0	22.0	22.7	22.3	23.0	23.3
8H		21.7	22.4	22.1	22.7	23.0	22.0	22.7	22.3	23.0	23.3
12H		21.7	22.4	22.1	22.7	23.0	22.0	22.6	22.3	22.9	23.2
4H 2H		21.1	21.8	21.4	22.1	22.3	21.3	22.0	21.6	22.3	22.5
3H		21.9	22.5	22.2	22.8	23.2	22.1	22.7	22.4	23.0	23.3
4H		22.2	22.8	22.6	23.1	23.5	22.4	22.9	22.7	23.3	23.6
6H		22.3	22.8	22.7	23.2	23.6	22.5	23.0	22.9	23.4	23.8
8H		22.3	22.8	22.7	23.2	23.6	22.5	23.0	22.9	23.4	23.8
12H		22.2	22.7	22.7	23.1	23.5	22.5	22.9	22.9	23.3	23.8
8H 4H		22.2	22.7	22.6	23.1	23.5	22.4	22.9	22.8	23.3	23.7
6H		22.4	22.8	22.8	23.2	23.7	22.6	23.0	23.0	23.4	23.9
8H		22.4	22.7	22.9	23.2	23.7	22.6	22.9	23.1	23.4	23.9
12H		22.3	22.6	22.9	23.1	23.7	22.6	22.9	23.1	23.3	23.9
12H 4H		22.2	22.6	22.6	23.0	23.5	22.3	22.8	22.8	23.2	23.6
6H		22.3	22.7	22.8	23.2	23.6	22.5	22.9	23.0	23.3	23.8
8H		22.4	22.7	22.9	23.1	23.7	22.6	22.9	23.1	23.3	23.9
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.9					+ 0.9 / - 0.9				
1.5H		+ 1.0 / - 0.7					+ 1.5 / - 0.6				
2.0H		+ 1.1 / - 0.8					+ 1.2 / - 0.8				

CIE Pub.117, 479.2 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -2.6$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

UTILIZATION FACTORS TABLE

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	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) x RCR = 5									
k = 0.60	84	77	73	84	77	73	83	77	73	69
0.80	92	85	81	91	85	81	90	84	81	77
1.00	97	90	86	95	90	86	94	90	85	81
1.25	101	95	91	99	94	91	97	93	90	85
1.50	104	98	95	102	98	94	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	104	101	107	103	100	103	100	98	91
3.00	110	107	104	108	105	102	104	102	100	93
4.00	113	109	107	110	108	105	106	104	102	94
5.00	114	111	109	112	109	108	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

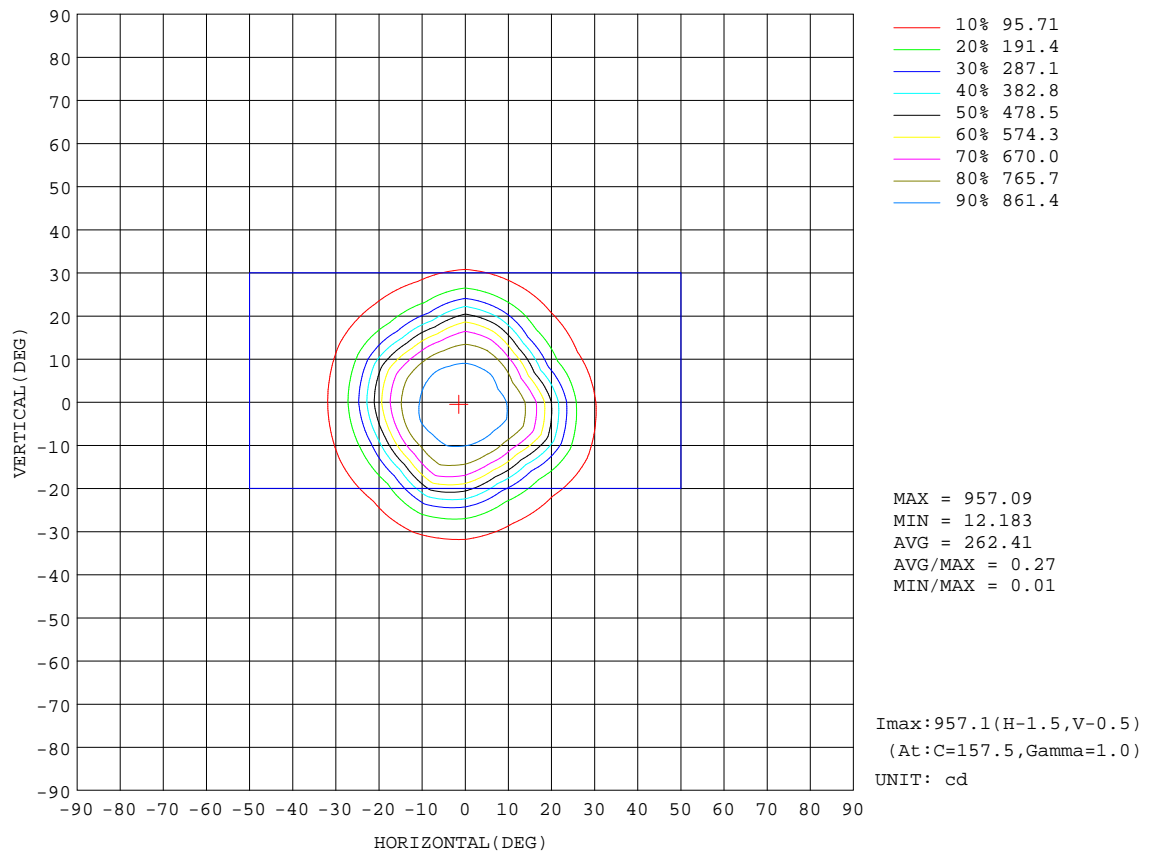
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 Temperature:28DEG
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 Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

ISOCANDELA DIAGRAM

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-31

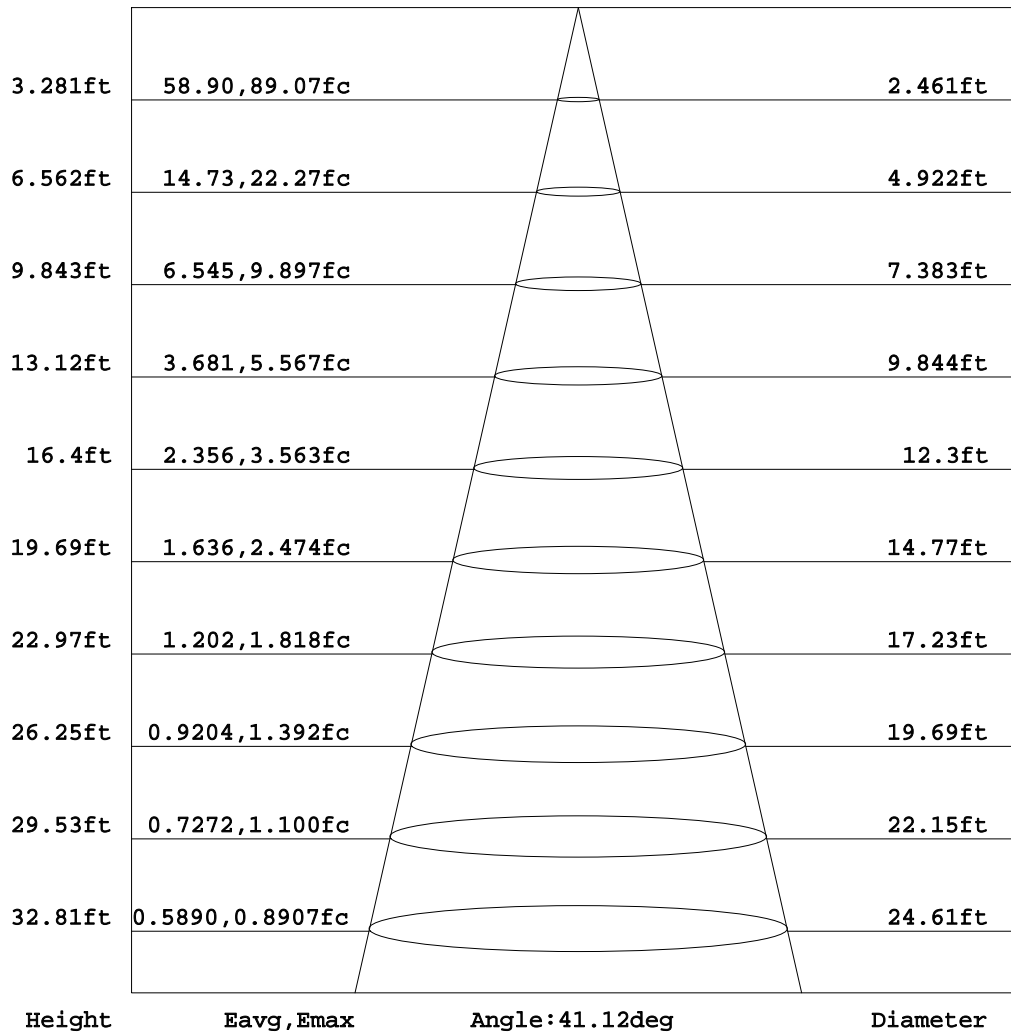
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

AAI Figure

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

Flux out:293.5 lm



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

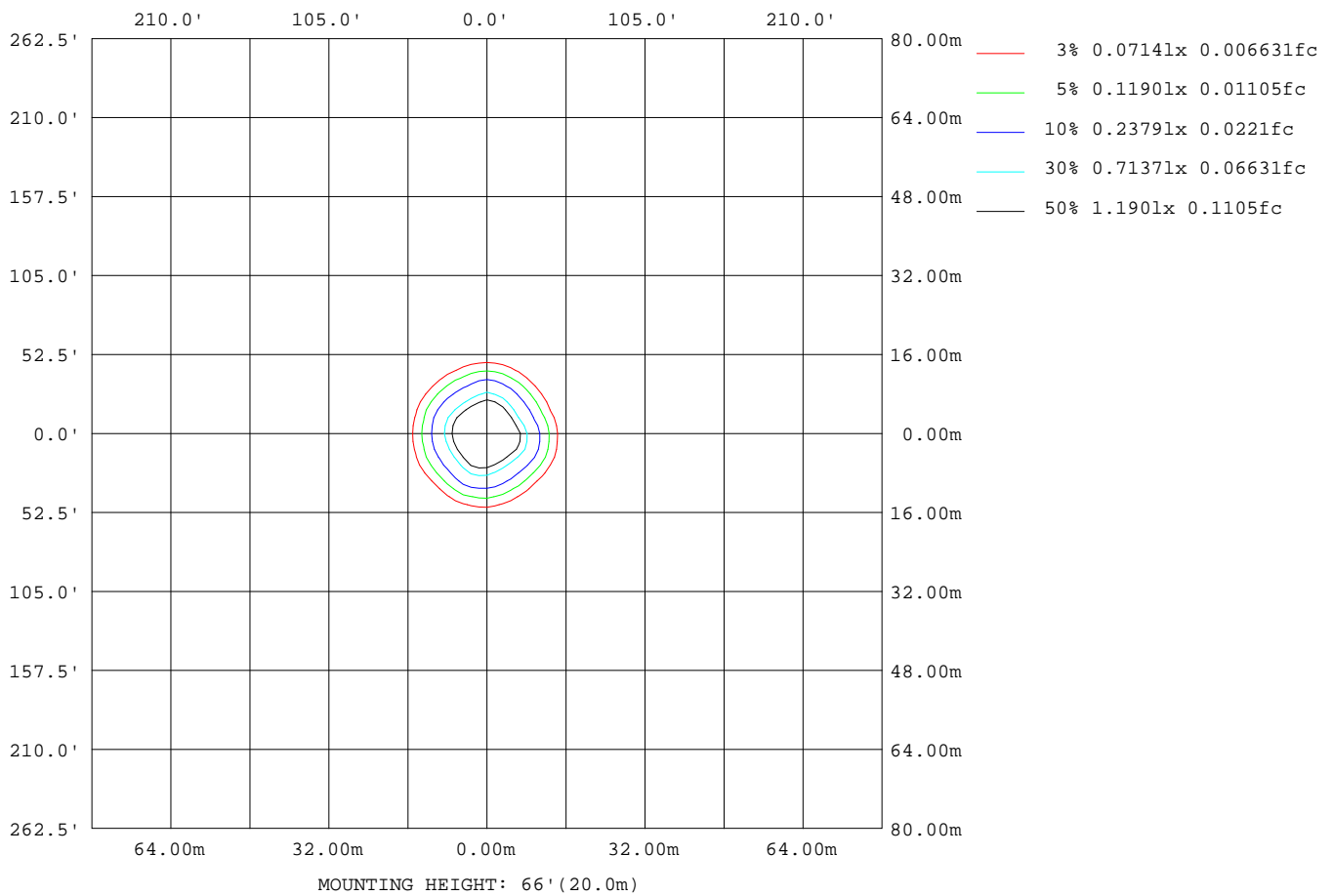
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Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

ISOLUX DIAGRAM

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

LED Avg.L Report

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

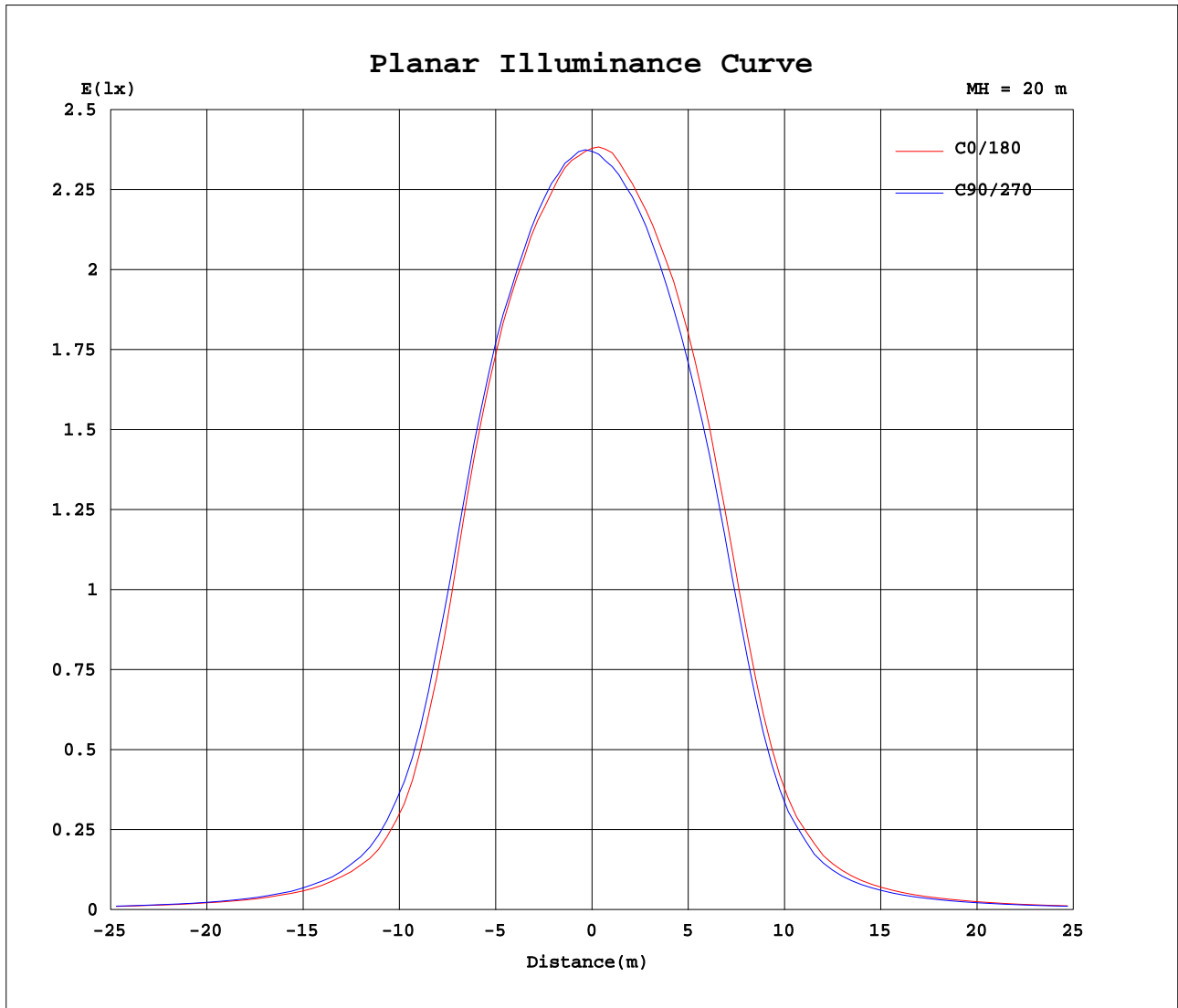
AvgL	cd/m2
L_0~180(65)av	16697
L_0~180(75)av	11372
L_0~180(85)av	3481
L_90~270(65)av	16331
L_90~270(75)av	11341
L_90~270(85)av	3463
L_45(65)av	16651
L_45(75)av	11578
L_45(85)av	3694

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:28DEG
Operators:CJY
Test Date:2024-08-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28DEG
Operators: CJY
Test Date: 2024-08-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

TLO010-01 12V700mA XHP35A-H-30H-D0-U-01 21D 3000K CRI90 NA

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO010-01	TYPE:3000K CRI90	WEIGHT:1
SPEC.:12V700mA	DIM.:	SERIAL No.:
MFR.:	SUR.:38	Shielding Angle:

Table--1

UNIT: 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	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949			
5	922	928	923	927	931	935	935	939	929	931	930	920	916	913	919	906			
10	851	868	851	852	865	875	874	879	869	867	860	844	845	840	836	815			
15	727	754	680	684	746	785	751	751	759	753	706	683	720	699	638	619			
20	476	523	387	395	512	586	484	489	541	533	427	403	502	440	331	324			
25	217	249	176	186	256	303	221	234	272	267	198	187	246	197	154	148			
30	98.4	109	88.6	95.9	120	135	107	117	127	121	102	94.7	107	92.3	79.9	78.0			
35	55.5	57.6	51.1	55.3	65.5	68.2	62.3	66.9	66.3	66.7	58.2	54.3	57.2	52.8	47.5	46.0			
40	35.1	35.8	33.5	36.0	39.7	41.6	40.2	42.6	41.2	40.3	37.3	35.2	35.7	34.1	31.5	30.8			
45	24.3	24.6	24.1	25.6	26.2	28.1	28.3	29.7	28.3	27.0	26.5	25.2	24.5	23.6	22.8	22.4			
50	17.8	18.2	18.0	18.7	19.0	20.2	20.5	21.7	20.3	19.7	19.7	19.0	18.0	17.3	17.1	16.9			
55	13.5	13.8	13.6	14.1	14.4	15.2	15.4	16.1	15.1	14.8	14.9	14.4	13.7	13.1	13.1	12.9			
60	10.3	10.4	10.2	10.6	10.8	11.5	11.6	12.0	11.5	11.1	11.3	10.9	10.4	9.95	9.99	9.74			
65	7.56	7.73	7.53	7.80	7.90	8.48	8.59	8.88	8.43	8.16	8.42	8.13	7.74	7.31	7.35	7.16			
70	5.25	5.37	5.24	5.44	5.51	5.94	6.05	6.36	5.84	5.67	5.96	5.74	5.39	5.03	5.08	4.90			
75	3.12	3.23	3.11	3.28	3.41	3.75	3.88	4.07	3.55	3.46	3.69	3.49	3.25	2.93	2.90	2.78			
80	1.42	1.47	1.39	1.52	1.61	1.87	1.99	2.08	1.70	1.65	1.76	1.67	1.49	1.29	1.26	1.15			
85	0.30	0.30	0.28	0.31	0.36	0.47	0.51	0.58	0.39	0.38	0.41	0.36	0.32	0.27	0.26	0.21			
90	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.13	0.13	0.13	0.13	0.14	0.13	0.14	0.14			
95	0.17	0.19	0.17	0.19	0.17	0.18	0.17	0.18	0.17	0.14	0.16	0.15	0.17	0.16	0.18	0.16			
100	0.23	0.23	0.23	0.23	0.21	0.22	0.21	0.21	0.20	0.18	0.19	0.18	0.21	0.20	0.22	0.21			
105	0.28	0.29	0.27	0.27	0.25	0.26	0.24	0.25	0.24	0.23	0.24	0.23	0.26	0.25	0.27	0.26			
110	0.36	0.37	0.34	0.34	0.33	0.33	0.30	0.31	0.31	0.29	0.31	0.30	0.33	0.33	0.35	0.34			
115	0.51	0.51	0.48	0.46	0.45	0.44	0.41	0.41	0.43	0.41	0.41	0.42	0.47	0.48	0.47	0.48			
120	0.78	0.78	0.74	0.70	0.70	0.66	0.61	0.60	0.64	0.64	0.61	0.64	0.72	0.75	0.74	0.74			
125	1.24	1.23	1.23	1.14	1.12	1.05	1.01	0.98	1.02	1.03	1.00	1.06	1.13	1.19	1.21	1.22			
130	1.88	1.86	1.92	1.80	1.72	1.63	1.62	1.58	1.59	1.61	1.62	1.70	1.73	1.83	1.89	1.90			
135	2.69	2.65	2.75	2.62	2.49	2.38	2.42	2.36	2.34	2.36	2.41	2.51	2.52	2.64	2.71	2.72			
140	3.61	3.56	3.63	3.51	3.42	3.28	3.32	3.23	3.22	3.25	3.29	3.41	3.43	3.56	3.61	3.63			
145	4.55	4.51	4.54	4.43	4.39	4.25	4.24	4.15	4.17	4.21	4.23	4.35	4.40	4.52	4.53	4.53			
150	5.37	5.36	5.39	5.30	5.29	5.17	5.14	5.04	5.09	5.13	5.13	5.23	5.31	5.39	5.35	5.34			
155	5.88	5.92	5.99	5.96	5.94	5.87	5.85	5.78	5.77	5.79	5.84	5.93	5.97	5.95	5.91	5.85			
160	6.00	6.04	6.16	6.17	6.16	6.17	6.20	6.13	6.05	6.06	6.15	6.22	6.16	6.09	6.04	5.96			
165	5.79	5.82	5.94	5.99	6.04	6.08	6.13	6.03	5.96	5.98	6.01	6.05	5.99	5.88	5.77	5.69			
170	5.47	5.48	5.48	5.58	5.70	5.72	5.74	5.72	5.67	5.73	5.66	5.62	5.57	5.51	5.39	5.29			
175	5.23	5.23	5.30	5.40	5.40	5.38	5.48	5.43	5.36	5.47	5.52	5.38	5.28	5.34	5.31	5.10			
180	5.30	5.33	5.44	5.40	5.35	5.32	5.44	5.29	5.31	5.33	5.44	5.40	5.35	5.32	5.44	5.29			

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