

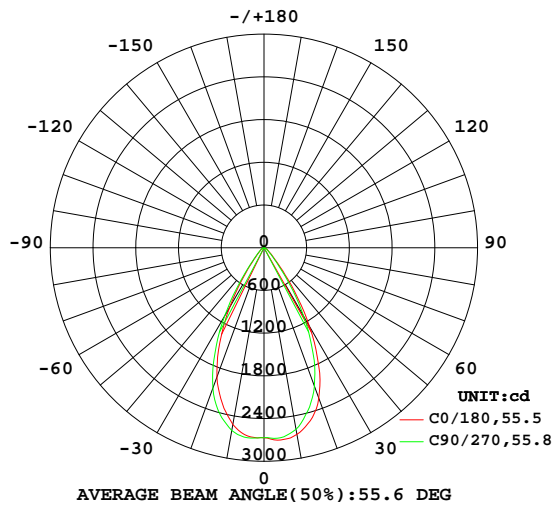
TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

## LUMINAIRE PHOTOMETRIC TEST REPORT

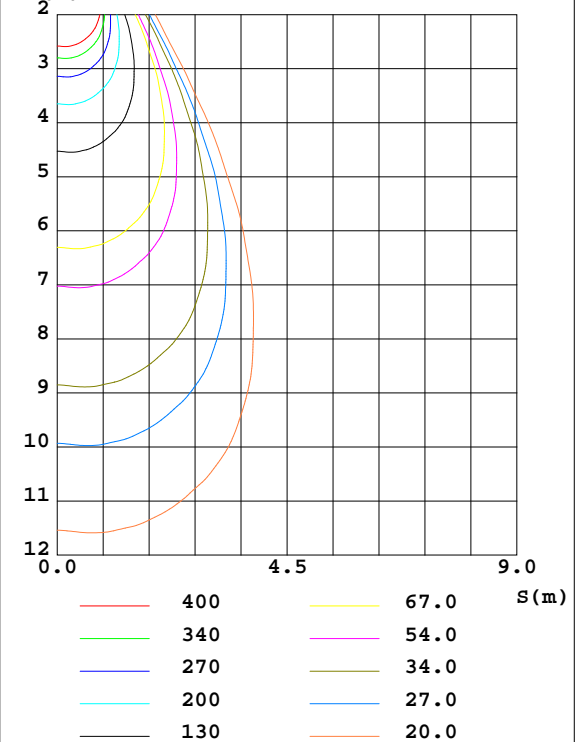
NAME: TLO025-21	TYPE: 56D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.80 lm/W			
MODEL		Imax(cd)	2711	S/MH(C0/180)	0.80
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	0.84
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2346.9	$\eta$ UP,DN(C0-180)	1.2,49.9
NOMINAL FLUX(lm)	2346.86	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.2,47.8
LAMPS INSIDE	1	$\eta$ up(%)	2.4	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	$\eta$ down(%)	97.6	CIBSE SHR MAX	0.85

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: LXJ  
Test Date: 2024-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

## ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	2662	2624	2589	2542	2522	2555	2608	2647	0- 10	252.9	252.9	10.8,10.8
20	2247	2167	2070	1982	1932	2012	2100	2178	10- 20	664.8	917.7	39.1,39.1
30	1279	1200	1122	1024	963.4	1037	1101	1189	20- 30	738.6	1656	70.6,70.6
40	359.5	325.6	296.1	260.8	236.3	259.0	274.6	310.5	30- 40	395.0	2051	87.4,87.4
50	109.5	101.7	92.12	84.71	79.98	88.29	93.23	100.2	40- 50	127.2	2179	92.8,92.8
60	53.55	51.34	47.64	45.23	44.66	47.03	48.87	51.08	50- 60	59.40	2238	95.4,95.4
70	27.08	25.26	24.13	22.80	21.69	23.05	23.83	25.41	60- 70	35.38	2273	96.9,96.9
80	7.664	6.620	6.080	5.491	4.676	5.534	6.033	6.821	70- 80	15.48	2289	97.5,97.5
90	0.8478	0.7174	0.7088	0.7063	0.6370	0.6059	0.5937	0.5785	80- 90	2.591	2291	97.6,97.6
100	0.9640	1.001	1.031	1.076	1.031	0.9645	0.9261	0.8775	90-100	0.8557	2292	97.7,97.7
110	1.934	2.060	2.160	2.306	2.259	2.078	1.964	1.807	100-110	1.494	2294	97.7,97.7
120	4.610	4.918	5.148	5.487	5.450	5.062	4.790	4.448	110-120	3.301	2297	97.9,97.9
130	9.339	9.833	10.25	10.77	10.73	10.12	9.673	9.129	120-130	6.525	2304	98.2,98.2
140	15.42	15.95	16.49	17.06	17.16	16.40	15.84	15.17	130-140	10.02	2314	98.6,98.6
150	21.34	21.75	22.31	22.78	22.78	22.11	21.65	20.93	140-150	11.98	2326	99.1,99.1
160	25.13	25.49	26.00	26.03	25.85	25.55	25.50	24.72	150-160	11.03	2337	99.6,99.6
170	27.54	27.43	27.57	27.73	27.99	27.59	27.41	27.07	160-170	7.498	2344	99.9,99.9
180	29.53	29.59	29.14	29.53	29.55	29.57	29.13	29.52	170-180	2.697	2347	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

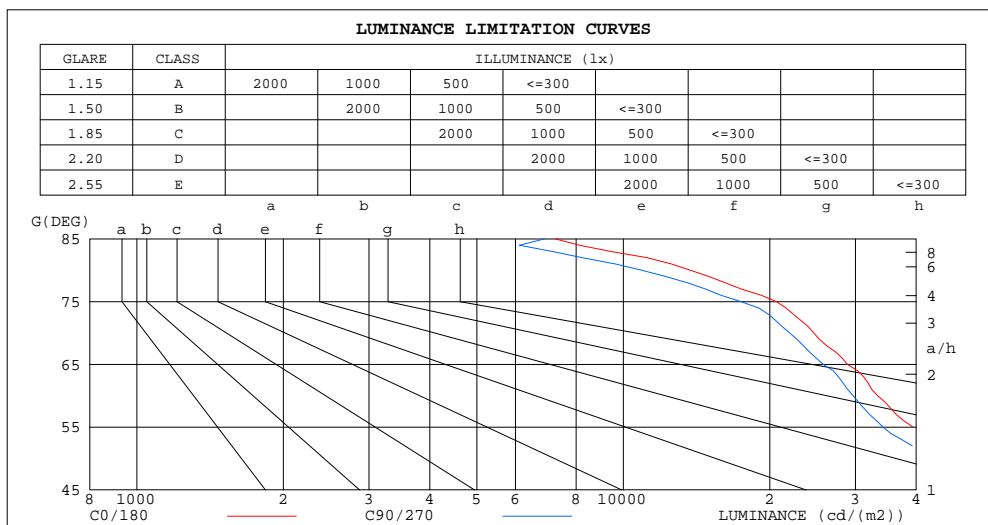
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:28DEG  
 Operators:LXJ  
 Test Date:2024-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:5.190m [K=1.0000]  
 Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

## LUMINANCE LIMITATION CURVES

NAME: TLO025-21	TYPE: 56D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7242	6889
80	13727	10903
75	20616	17430
70	24627	21970
65	28870	25739
60	33311	29672
55	39407	34189
50	52987	44630
45	81043	67751

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 28DEG  
Operators: LXJ  
Test Date: 2024-12-02

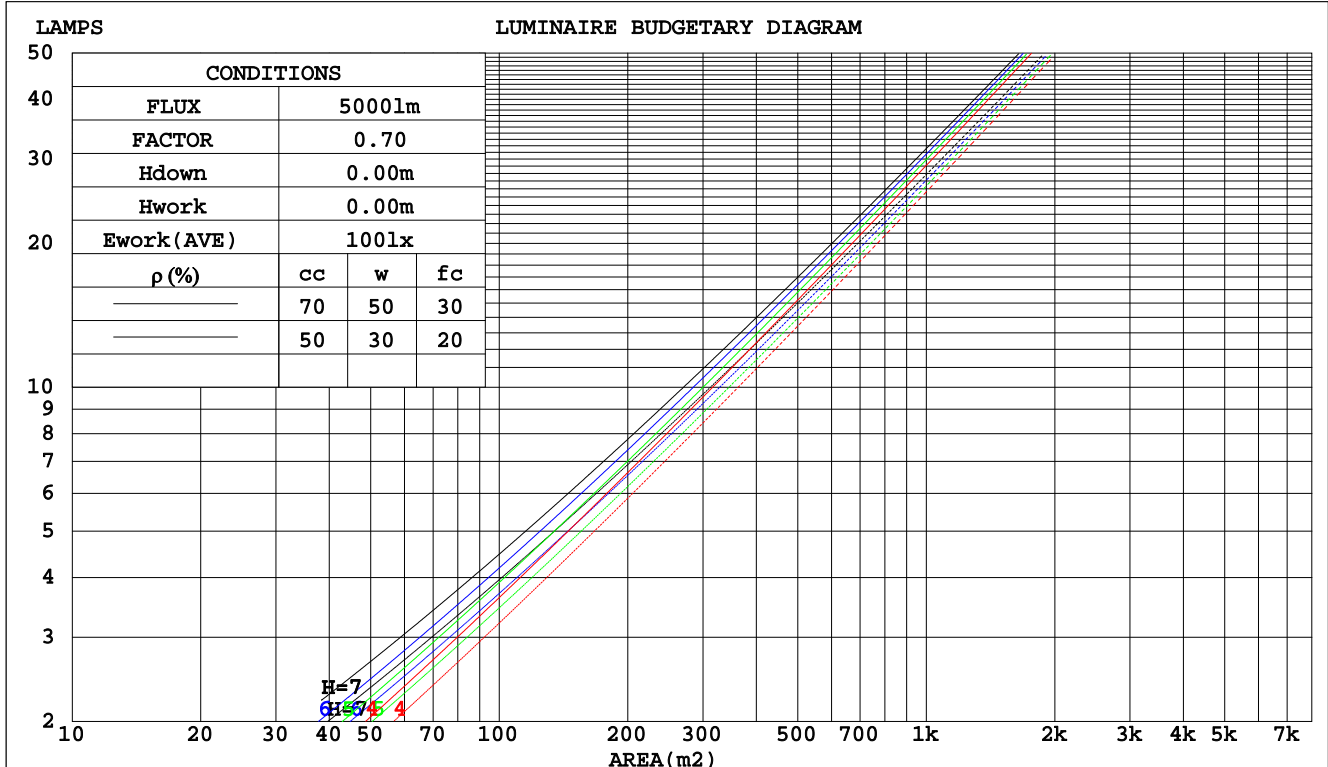
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TLO025-21	TYPE:56D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	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	1.18	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	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.02	.98	.94	.00	.96	.93	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.95	.89	.85	.93	.88	.85	.90	.86	.83	.87	.84	.81	.85	.82	.80	.78
4.0	.88	.83	.78	.87	.82	.78	.85	.80	.76	.82	.78	.75	.80	.77	.74	.73
5.0	.83	.77	.72	.82	.76	.72	.79	.75	.71	.78	.73	.70	.76	.72	.69	.68
6.0	.77	.71	.67	.77	.71	.67	.75	.70	.66	.73	.69	.65	.72	.68	.65	.63
7.0	.73	.67	.63	.72	.66	.62	.71	.66	.62	.69	.65	.61	.68	.64	.61	.59
8.0	.69	.63	.59	.68	.62	.58	.67	.62	.58	.66	.61	.58	.64	.60	.57	.56
9.0	.65	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.54	.61	.57	.54	.53
10.0	.62	.56	.52	.61	.55	.52	.60	.55	.51	.59	.54	.51	.58	.54	.51	.50



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-12-02

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:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

### WEC AND CCEC

NAME: TLO025-21	TYPE:56D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	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	.186	.106	.034	.179	.102	.032	.165	.095	.030	.152	.088	.028	.140	.081	.026	
2.0	.178	.097	.030	.171	.094	.029	.159	.089	.028	.149	.083	.026	.138	.078	.025	
3.0	.169	.090	.027	.163	.087	.026	.153	.083	.025	.143	.079	.024	.134	.074	.023	
4.0	.160	.083	.024	.155	.081	.024	.146	.077	.023	.138	.074	.022	.130	.071	.021	
5.0	.152	.077	.022	.147	.076	.022	.139	.073	.021	.132	.070	.021	.125	.067	.020	
6.0	.144	.072	.021	.140	.071	.020	.133	.068	.020	.127	.066	.019	.121	.064	.019	
7.0	.137	.068	.019	.134	.067	.019	.128	.065	.019	.122	.062	.018	.116	.060	.018	
8.0	.131	.064	.018	.128	.063	.018	.122	.061	.017	.117	.059	.017	.112	.058	.017	
9.0	.125	.061	.017	.122	.060	.017	.117	.058	.016	.113	.056	.016	.108	.055	.016	
10.0	.120	.057	.016	.117	.057	.016	.113	.055	.016	.108	.054	.015	.104	.052	.015	

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	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.175	.162	.162	.151	.140	.111	.104	.097	.064	.060	.056	.020	.019	.018	
2.0	.175	.151	.130	.150	.130	.112	.103	.090	.078	.059	.052	.046	.019	.017	.015	
3.0	.163	.132	.107	.140	.114	.093	.096	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.153	.117	.090	.131	.101	.078	.090	.071	.055	.052	.041	.033	.017	.013	.011	
5.0	.145	.106	.077	.124	.092	.067	.086	.064	.048	.050	.038	.028	.016	.012	.009	
6.0	.137	.097	.068	.118	.084	.059	.081	.059	.042	.047	.035	.025	.015	.011	.008	
7.0	.131	.089	.060	.112	.077	.052	.078	.054	.037	.045	.032	.022	.015	.010	.007	
8.0	.125	.083	.054	.108	.072	.047	.074	.051	.034	.043	.030	.020	.014	.010	.007	
9.0	.120	.078	.050	.103	.068	.043	.072	.048	.031	.042	.028	.018	.013	.009	.006	
10.0	.115	.074	.046	.099	.064	.040	.069	.045	.028	.040	.027	.017	.013	.009	.006	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-12-02

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:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

UGR(Unified Glare Rating) Table

NAME: TLO025-21					TYPE:56D					WEIGHT:				
SPEC.:3000K CRI90					DIM.:					SERIAL No.:				
MFR.:					SUR.:64					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					21.0	21.9	21.2	22.1	22.3	20.4	21.4	20.7	21.6	21.8
3H					21.1	22.0	21.4	22.2	22.5	20.6	21.5	20.9	21.7	21.9
4H					21.2	22.0	21.5	22.2	22.5	20.6	21.4	20.9	21.7	22.0
6H					21.1	21.9	21.5	22.2	22.5	20.6	21.4	20.9	21.7	21.9
8H					21.1	21.9	21.5	22.2	22.5	20.6	21.3	20.9	21.6	21.9
12H					21.1	21.8	21.4	22.1	22.4	20.5	21.2	20.9	21.5	21.9
4H 2H					20.9	21.7	21.2	22.0	22.2	20.4	21.2	20.7	21.5	21.7
3H					21.1	21.8	21.5	22.1	22.5	20.6	21.3	21.0	21.7	22.0
4H					21.2	21.9	21.6	22.2	22.6	20.7	21.4	21.1	21.7	22.1
6H					21.2	21.8	21.7	22.2	22.6	20.7	21.3	21.1	21.7	22.1
8H					21.2	21.7	21.6	22.1	22.6	20.7	21.2	21.1	21.6	22.0
12H					21.2	21.7	21.6	22.1	22.5	20.7	21.1	21.1	21.5	22.0
8H 4H					21.2	21.7	21.6	22.1	22.5	20.7	21.2	21.1	21.6	22.0
6H					21.2	21.6	21.7	22.1	22.5	20.7	21.1	21.2	21.6	22.0
8H					21.2	21.6	21.7	22.0	22.5	20.7	21.1	21.2	21.5	22.0
12H					21.1	21.5	21.6	22.0	22.5	20.6	21.0	21.1	21.5	22.0
12H 4H					21.1	21.6	21.6	22.0	22.4	20.6	21.1	21.1	21.5	22.0
6H					21.2	21.5	21.6	22.0	22.5	20.7	21.0	21.1	21.5	22.0
8H					21.1	21.5	21.6	21.9	22.5	20.6	21.0	21.1	21.5	22.0
Variations with the observer position at spacings:														
S = 1.0H					+ 2.3 / - 2.7					+ 1.8 / - 2.6				
1.5H					+ 4.0 / - 2.3					+ 3.3 / - 2.3				
2.0H					+ 2.5 / - 1.2					+ 2.2 / - 1.4				

CIE Pub.117, 2347 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 3.0$ )

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

### UTILIZATION FACTORS TABLE

NAME: TLO025-21	TYPE:56D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	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	83	77	73	82	76	72	69
0.80	91	85	81	91	85	81	89	84	80	76
1.00	96	90	86	95	90	86	93	89	85	81
1.25	101	95	91	99	94	91	97	93	90	85
1.50	104	98	95	102	97	94	99	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	112	109	107	110	108	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNM = 1.25		

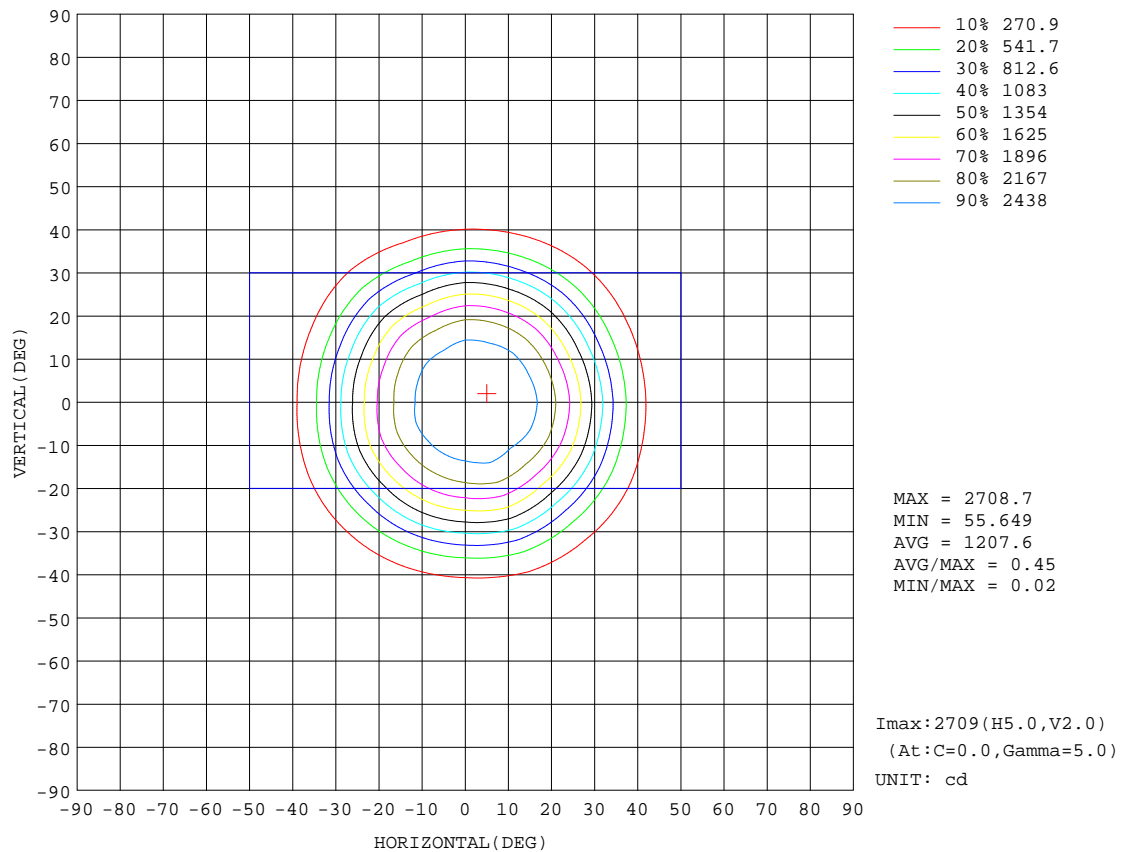
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity:65.0%  
Test Distance:5.190m [K=1.0000]  
Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

### ISOCANDELA DIAGRAM

NAME: TLO025-21	TYPE: 56D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:



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C Interval: 22.5DEG  
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Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

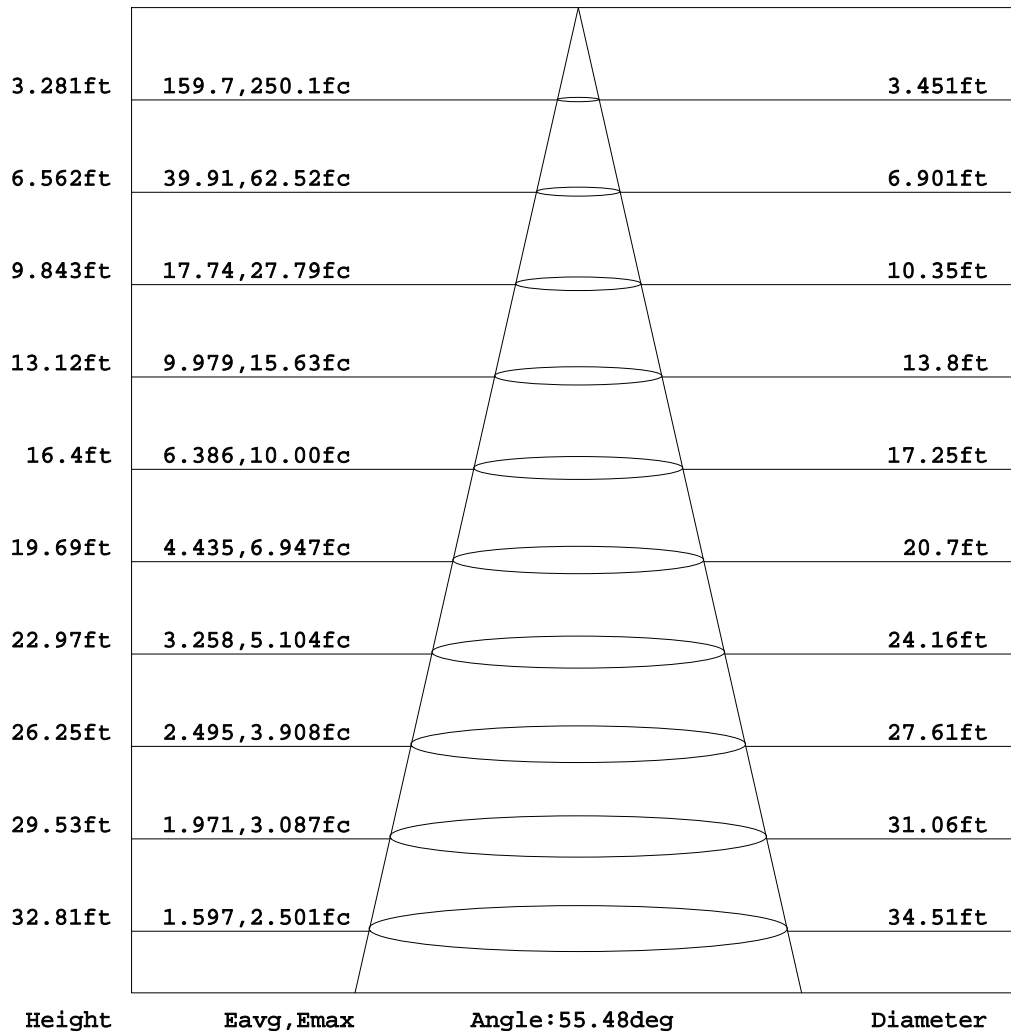


TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

### AAI Figure

NAME: TLO025-21	TYPE:56D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	Shielding Angle:

Flux out:1526 lm



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

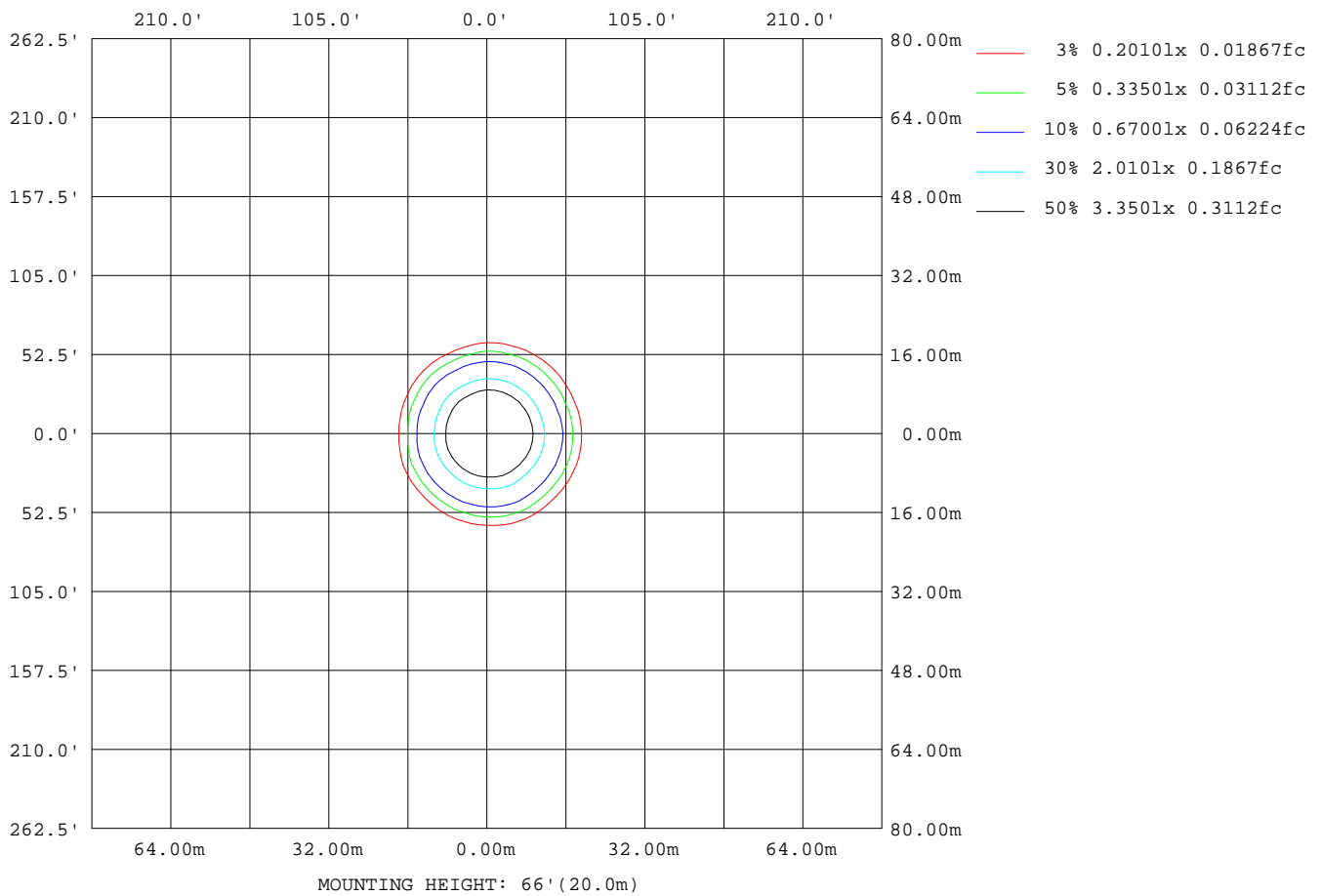
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Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

### ISOLUX DIAGRAM

NAME: TLO025-21	TYPE: 56D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:



C Range: 0 - 360DEG  
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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:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

## LED Avg.L Report

NAME: TLO025-21	TYPE:56D	WEIGHT:
SPEC.:3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.:64	Shielding Angle:

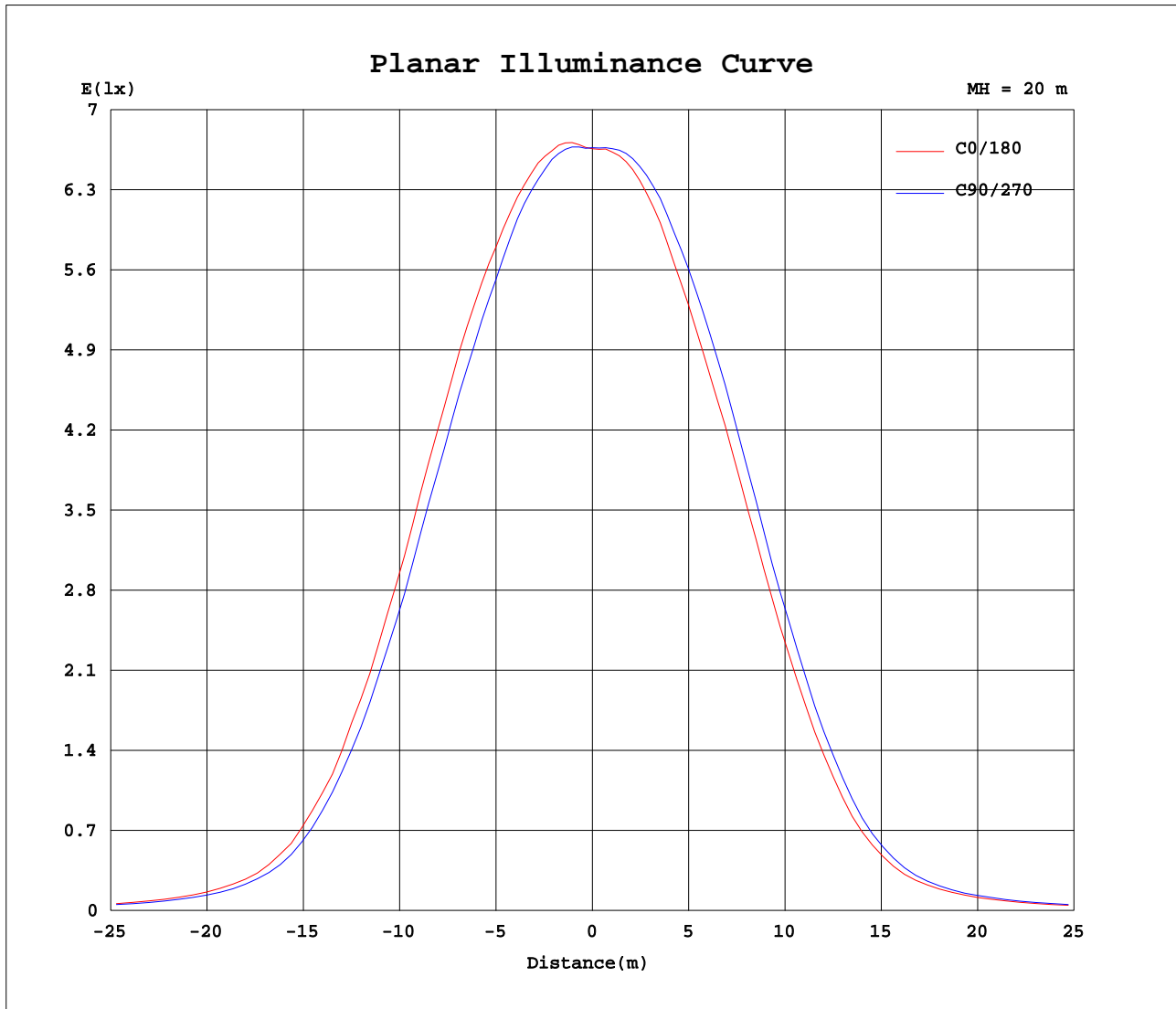
AvgL	cd/m2
L_0~180(65)av	26233
L_0~180(75)av	17626
L_0~180(85)av	6745
L_90~270(65)av	25740
L_90~270(75)av	17178
L_90~270(85)av	6733
L_45(65)av	25969
L_45(75)av	17269
L_45(85)av	6742

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:28DEG  
Operators:LXJ  
Test Date:2024-12-02

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: LXJ  
Test Date: 2024-12-02

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
Humidity: 65.0%  
Test Distance: 5.190m [K=1.0000]  
Remarks:

TLO025-21 36V600mA CXM-14-30-90-36-UC40 56D 3000K CRI90 NA

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TLO025-21	TYPE: 56D	WEIGHT:
SPEC.: 3000K CRI90	DIM.:	SERIAL No.:
MFR.:	SUR.: 64	Shielding Angle:

Table--1

UNIT: cd

C(°)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (°)																			
0	2668	2668	2668	2668	2668	2668	2668	2668	2668	2668	2668	2668	2668	2668	2668	2668			
5	2711	2703	2694	2688	2678	2668	2661	2653	2653	2651	2662	2668	2679	2689	2695	2701			
10	2662	2649	2624	2625	2589	2563	2542	2537	2522	2526	2555	2564	2608	2622	2647	2646			
15	2517	2497	2437	2446	2375	2326	2306	2289	2265	2285	2333	2344	2410	2427	2471	2481			
20	2247	2234	2167	2167	2070	2019	1982	1978	1932	1944	2012	2010	2100	2133	2178	2194			
25	1817	1808	1726	1744	1631	1585	1532	1533	1471	1476	1552	1534	1632	1675	1730	1743			
30	1279	1280	1200	1227	1122	1083	1024	1029	963	967	1037	1008	1101	1133	1189	1196			
35	752	738	683	708	638	595	565	545	502	502	546	522	590	619	653	674			
40	359	352	326	332	296	280	261	255	236	239	259	246	275	292	310	317			
45	184	183	170	170	154	150	139	141	130	135	143	136	150	157	164	168			
50	110	109	102	99.9	92.1	89.1	84.7	83.2	80.0	83.3	88.3	86.1	93.2	96.7	100	101			
55	72.7	72.3	68.5	67.6	63.0	60.9	59.3	59.8	58.6	59.5	62.1	61.6	65.5	66.6	68.2	68.6			
60	53.6	53.8	51.3	50.9	47.6	46.4	45.2	45.5	44.7	45.1	47.0	46.4	48.9	49.5	51.1	51.5			
65	39.2	39.3	37.1	37.3	34.9	34.1	33.2	33.1	31.9	32.3	33.7	33.0	34.9	35.6	37.0	37.3			
70	27.1	27.0	25.3	25.8	24.1	23.5	22.8	22.8	21.7	21.9	23.1	22.4	23.8	24.4	25.4	25.5			
75	17.2	17.0	15.2	16.2	14.5	14.0	13.4	13.4	12.1	12.3	13.3	12.7	14.1	14.6	15.5	15.6			
80	7.66	7.53	6.62	7.08	6.08	5.91	5.49	5.63	4.68	4.90	5.53	5.16	6.03	6.37	6.82	6.88			
85	2.03	2.00	1.95	1.96	1.93	1.92	1.91	1.93	1.74	1.74	1.83	1.75	1.84	1.84	1.86	1.87			
90	0.85	0.83	0.72	0.77	0.71	0.70	0.71	0.71	0.64	0.61	0.61	0.60	0.59	0.58	0.58	0.59			
95	0.77	0.80	0.79	0.81	0.81	0.84	0.83	0.86	0.79	0.75	0.75	0.73	0.73	0.68	0.69	0.67			
100	0.96	0.99	1.00	1.00	1.03	1.07	1.08	1.10	1.03	1.00	0.96	0.95	0.93	0.88	0.88	0.86			
105	1.30	1.32	1.37	1.35	1.42	1.46	1.50	1.53	1.47	1.43	1.35	1.36	1.29	1.23	1.20	1.18			
110	1.93	1.95	2.06	2.00	2.16	2.21	2.31	2.33	2.26	2.23	2.08	2.12	1.96	1.89	1.81	1.80			
115	3.02	3.04	3.24	3.14	3.36	3.48	3.60	3.67	3.57	3.50	3.30	3.35	3.10	2.99	2.85	2.84			
120	4.61	4.67	4.92	4.82	5.15	5.29	5.49	5.57	5.45	5.36	5.06	5.13	4.79	4.59	4.45	4.39			
125	6.75	6.82	7.15	7.03	7.47	7.64	7.91	8.00	7.86	7.76	7.37	7.44	6.99	6.76	6.55	6.49			
130	9.34	9.43	9.83	9.69	10.2	10.4	10.8	10.9	10.7	10.6	10.1	10.2	9.67	9.37	9.13	9.04			
135	12.3	12.4	12.8	12.7	13.3	13.5	13.9	14.0	13.9	13.7	13.2	13.3	12.7	12.3	12.1	12.0			
140	15.4	15.6	15.9	15.9	16.5	16.8	17.1	17.3	17.2	16.9	16.4	16.4	15.8	15.5	15.2	15.1			
145	18.5	18.6	19.0	19.0	19.6	19.8	20.1	20.3	20.2	19.9	19.4	19.5	18.9	18.5	18.2	18.1			
150	21.3	21.4	21.7	21.8	22.3	22.5	22.8	23.0	22.8	22.5	22.1	22.2	21.6	21.3	20.9	20.8			
155	23.6	23.6	24.0	24.0	24.5	24.6	24.8	24.8	24.6	24.4	24.2	24.3	23.9	23.6	23.1	23.0			
160	25.1	25.1	25.5	25.6	26.0	26.0	26.0	25.9	25.8	25.7	25.5	25.8	25.5	25.1	24.7	24.6			
165	26.4	26.3	26.5	26.7	27.0	26.9	26.9	26.9	27.0	26.7	26.5	26.8	26.6	26.3	25.8	25.9			
170	27.5	27.4	27.4	27.4	27.6	27.5	27.7	27.9	28.0	28.0	27.6	27.5	27.4	27.3	27.1	27.1			
175	28.6	28.5	28.7	28.4	28.3	28.5	28.9	28.9	29.0	29.1	29.0	28.6	28.4	28.6	28.5	28.4			
180	29.5	29.5	29.6	29.1	29.1	29.2	29.5	29.3	29.5	29.5	29.6	29.2	29.1	29.2	29.5	29.3			

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