

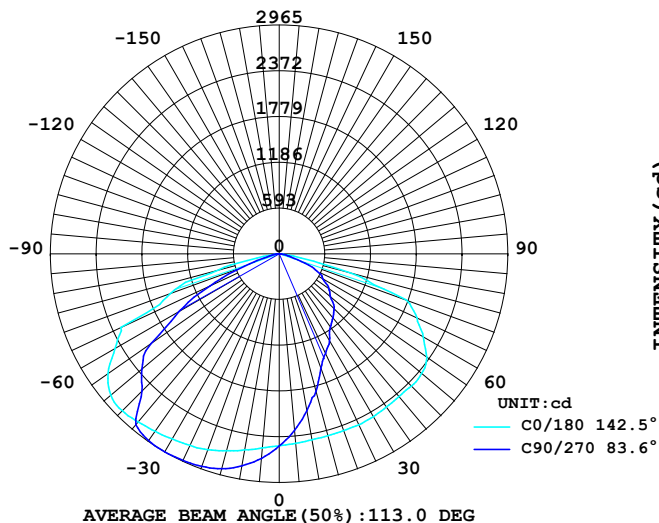
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

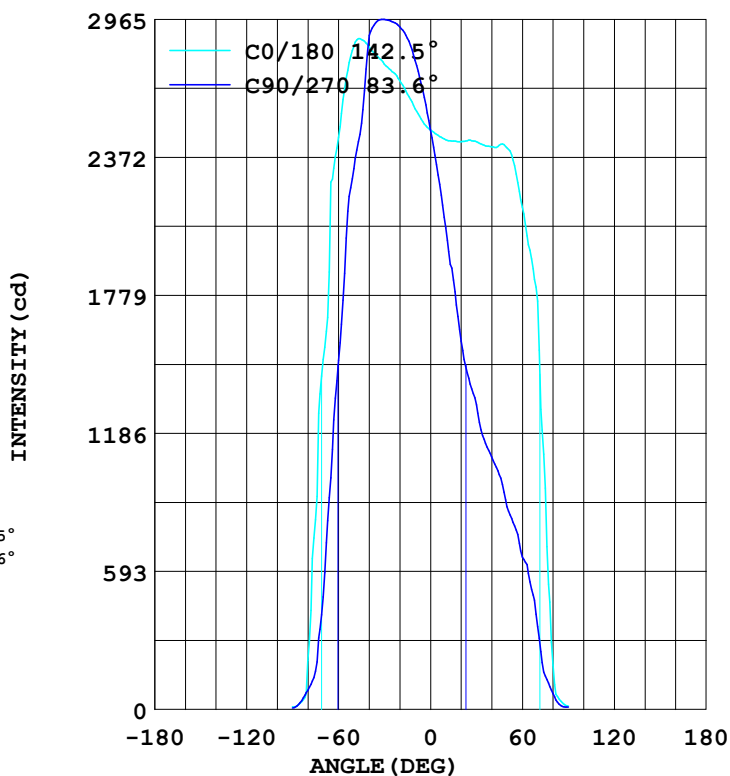
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Agnes A	TYPE: IL-PO29A-N0652C-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、TY3	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3038	S/MH (C0/180)	1.72
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.68
NOMINAL POWER(W)	64	TOTAL FLUX(lm)	8429.8	Voltage(V)	220.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	132.8	Current(A)	0.295
NOMINAL FLUX(lm)	8429.9	η up (%)	0.0	Power(W)	63.47
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.976
TEST VOLTAGE (V)	220.1	Effective Flux(lm)	8429.9	EEL	0.113

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



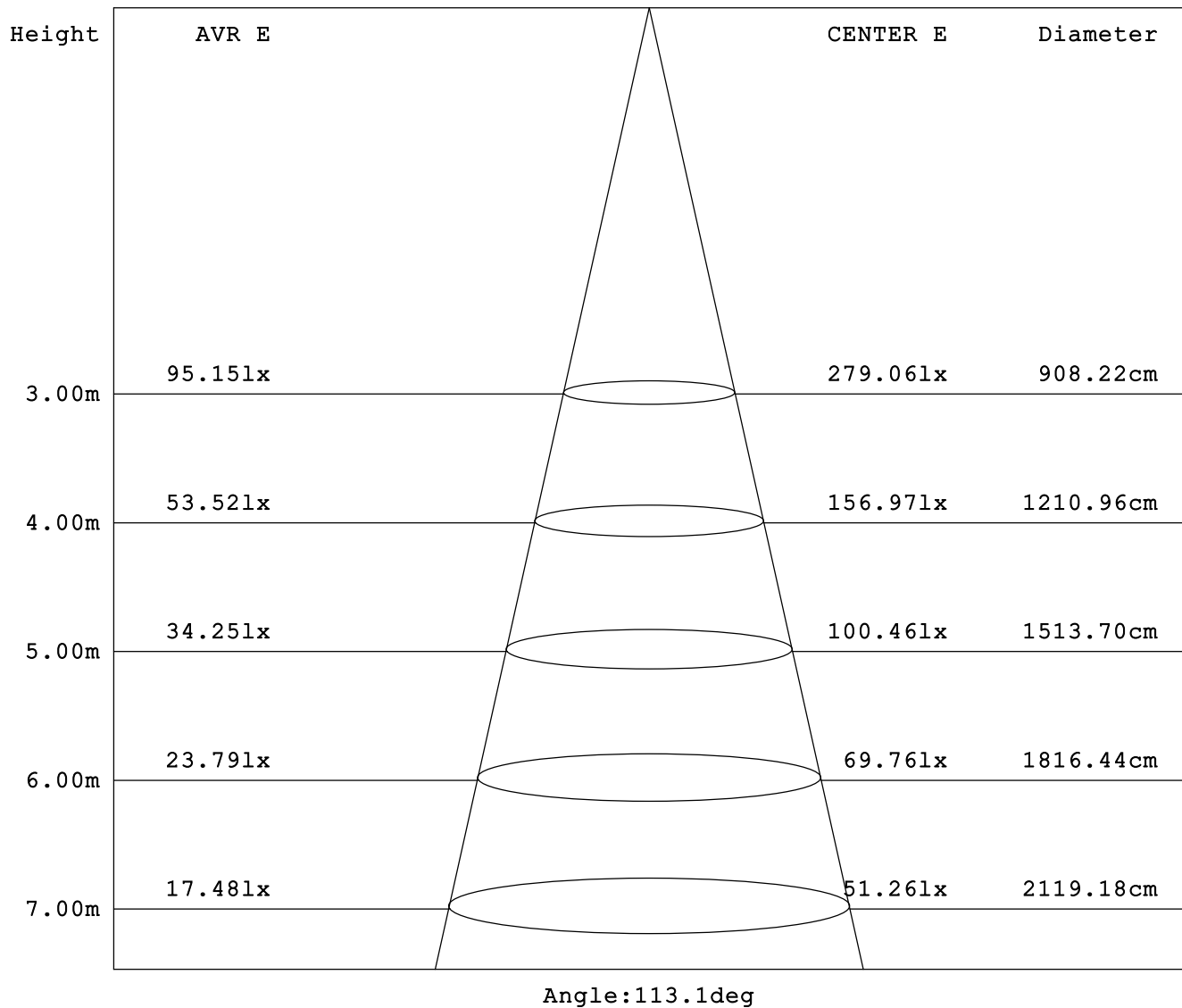
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2025.07.18

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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MANUFACTURER: ILUMEN GMBH	Address:	
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SPECIFICATION: 2835LED、4000K、TY3	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	2526	2643	2662	2575	2466	2337	2296	2405	0- 5	59.52	59.52
10.0	2580	2782	2788	2655	2447	2203	2069	2318	5- 10	177.7	237.3
15.0	2644	2889	2883	2719	2442	2030	1845	2224	10- 15	292.8	530.1
20.0	2702	2969	2932	2761	2439	1871	1582	2146	15- 20	402.0	932.1
25.0	2740	3010	2954	2788	2446	1725	1423	2005	20- 25	503.6	1436
30.0	2772	3028	2965	2783	2439	1583	1308	1829	25- 30	597.1	2033
35.0	2809	3028	2954	2767	2424	1446	1159	1645	30- 35	680.5	2713
40.0	2846	3022	2895	2739	2417	1299	1085	1415	35- 40	751.2	3465
45.0	2878	2982	2519	2680	2423	1109	1008	1174	40- 45	803.5	4268
50.0	2848	2897	2323	2590	2412	991.9	871.1	1008	45- 50	826.9	5095
55.0	2713	2489	2026	2221	2335	873.2	789.1	819.4	50- 55	821.6	5917
60.0	2457	2187	1500	2002	2159	701.1	654.9	609.0	55- 60	770.3	6687
65.0	2266	1655	995.5	1667	1973	576.3	548.0	436.1	60- 65	671.3	7359
70.0	1504	1104	483.3	1237	1753	426.3	355.5	210.0	65- 70	519.0	7878
75.0	814.3	395.4	164.5	644.7	950.9	266.9	144.1	85.88	70- 75	335.8	8214
80.0	211.5	90.62	82.35	199.4	190.8	72.39	68.37	31.39	75- 80	156.4	8370
85.0	26.86	34.21	29.07	70.38	36.88	19.95	17.52	5.626	80- 85	48.96	8419
90.0	11.30	11.70	5.774	22.60	14.47	6.109	9.826	6.712	85- 90	10.94	8430
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:
Temperature:25.3DEG
Operators:
Test Date:2025.07.18

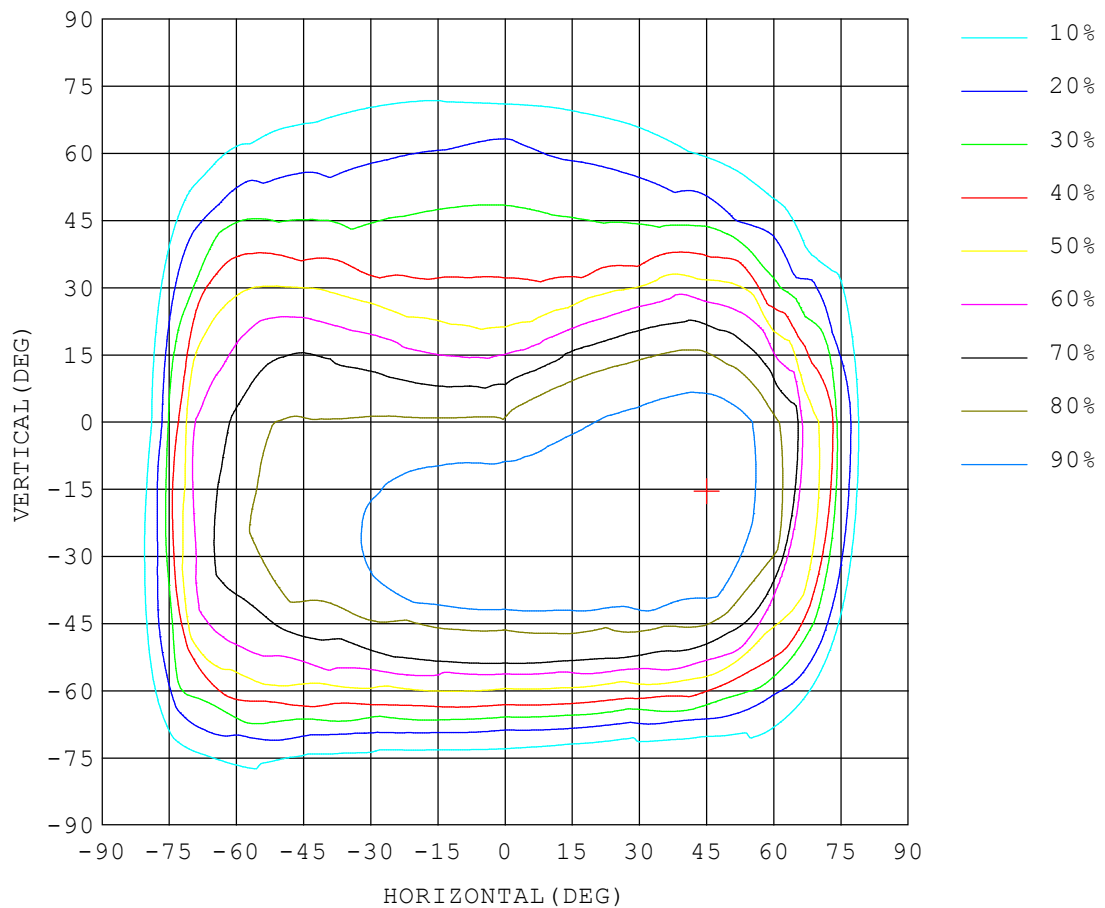
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ISOCANDELA DIAGRAM

Report number:

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NAME: Agnes A	TYPE: IL-PO29A-N0652C-TY3	WEIGHT:
SPECIFICATION: 2835LED、4000K、TY3	DIMENSION:	SERIAL No.:

UNIT: cd



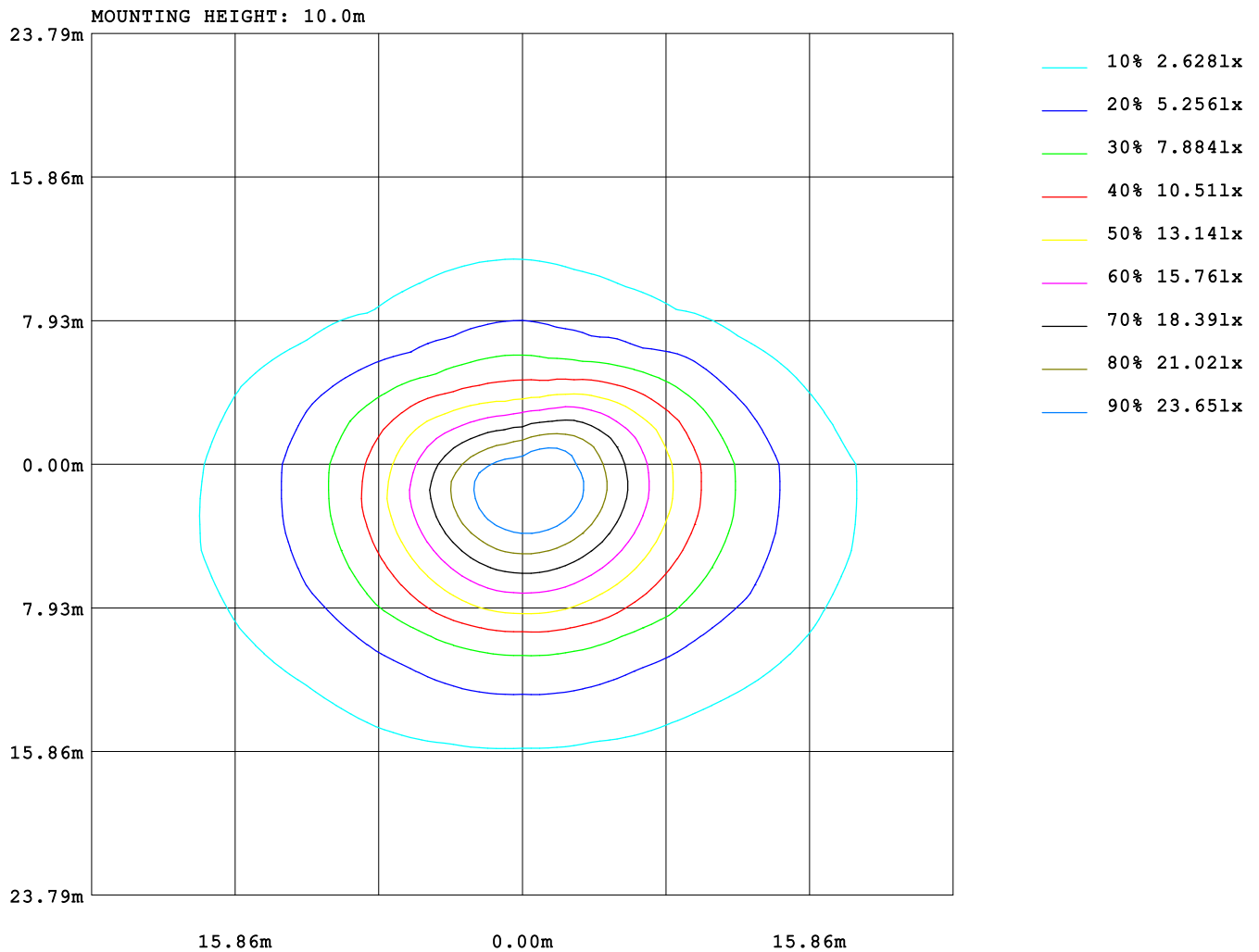
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2025.07.18

Test Set: 5.0 deg/s C-Gamma (TYPE C)
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ISOLUX DIAGRAM

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LUMINOUS DISTRIBUTION INTENSITY DATA

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SPECIFICATION: 2835LED、4000K、TY3	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	2490	2490	2490	2490	2490	2490	2490	2490	2490	2490	2490	2490	2490	2490	2490
5.0	2526	2570	2611	2643	2663	2671	2662	2641	2611	2575	2533	2493	2466	2421	2373
10.0	2580	2666	2730	2782	2800	2811	2788	2758	2706	2655	2583	2509	2447	2351	2250
15.0	2644	2755	2835	2889	2911	2916	2883	2845	2786	2719	2626	2530	2442	2298	2149
20.0	2702	2829	2917	2969	2976	2971	2932	2901	2838	2761	2660	2552	2439	2264	2048
25.0	2740	2888	2970	3010	2997	2993	2954	2929	2848	2788	2681	2567	2446	2239	1966
30.0	2772	2928	2993	3028	3009	3001	2965	2942	2861	2783	2679	2575	2439	2213	1930
35.0	2809	2958	3002	3028	3002	2999	2954	2938	2854	2767	2665	2569	2424	2190	1844
40.0	2846	2992	3013	3022	2969	2958	2895	2888	2816	2739	2638	2553	2417	2160	1736
45.0	2878	3023	3015	2982	2858	2630	2519	2555	2677	2680	2601	2507	2423	2148	1615
50.0	2848	3020	2997	2897	2467	2403	2323	2356	2338	2590	2547	2467	2412	2076	1475
55.0	2713	2886	2898	2489	2254	2112	2026	2110	2187	2221	2469	2428	2335	1943	1242
60.0	2457	2630	2629	2187	1731	1565	1500	1607	1776	2002	2328	2350	2159	1733	1043
65.0	2266	2414	2094	1655	1237	1056	996	1138	1310	1667	1982	2199	1973	1470	835
70.0	1504	1662	1327	1104	607	495	483	613	782	1237	1708	2010	1753	1082	597
75.0	814	940	716	395	170	165	165	227	313	645	1211	1745	951	595	312
80.0	212	228	155	90.6	72.4	88.1	82.3	106	113	199	553	1003	191	117	96.8
85.0	26.8	38.4	22.7	34.2	23.1	36.3	29.0	46.9	45.0	70.3	93.0	257	36.8	20.1	29.7
90.0	11.3	14.1	6.15	11.7	5.29	11.1	5.77	12.9	10.4	22.6	20.5	30.8	14.4	7.51	12.2

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UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	2490	2490	2490	2490	2490	2490	2490	2490	2490
5.0	2337	2307	2294	2296	2320	2359	2405	2452	2499
10.0	2203	2101	2094	2069	2156	2216	2318	2422	2516
15.0	2030	1913	1838	1845	1915	2043	2224	2390	2535
20.0	1871	1702	1596	1582	1671	1877	2146	2351	2536
25.0	1725	1535	1449	1423	1450	1669	2005	2298	2536
30.0	1583	1397	1340	1308	1304	1461	1829	2222	2525
35.0	1446	1255	1179	1159	1133	1251	1645	2122	2523
40.0	1299	1109	1095	1085	1043	1088	1415	1999	2494
45.0	1109	1018	1017	1008	958	978	1174	1840	2406
50.0	992	925	898	871	819	862	1008	1577	2216
55.0	873	776	781	789	722	711	819	1254	1965
60.0	701	674	658	655	597	590	609	949	1611
65.0	576	552	567	548	480	464	436	502	933
70.0	426	418	394	356	313	272	210	305	459
75.0	267	226	156	144	116	119	85.8	91.6	93.7
80.0	72.3	87.7	65.2	68.3	48.1	50.6	31.3	36.0	21.9
85.0	19.9	26.4	12.3	17.5	7.76	13.8	5.62	13.1	6.07
90.0	6.10	10.3	5.30	9.82	5.54	10.0	6.71	11.8	7.91

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