

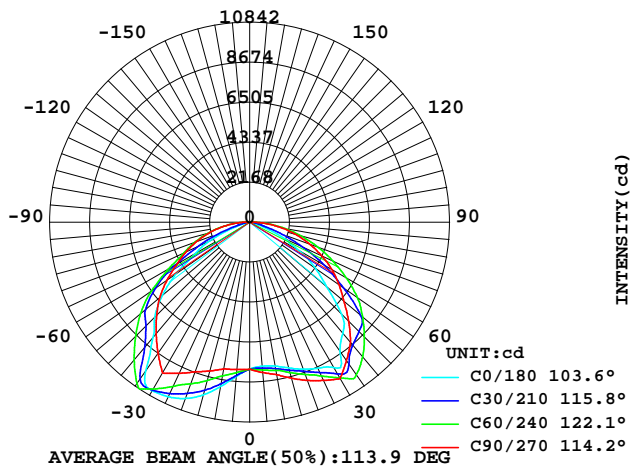
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

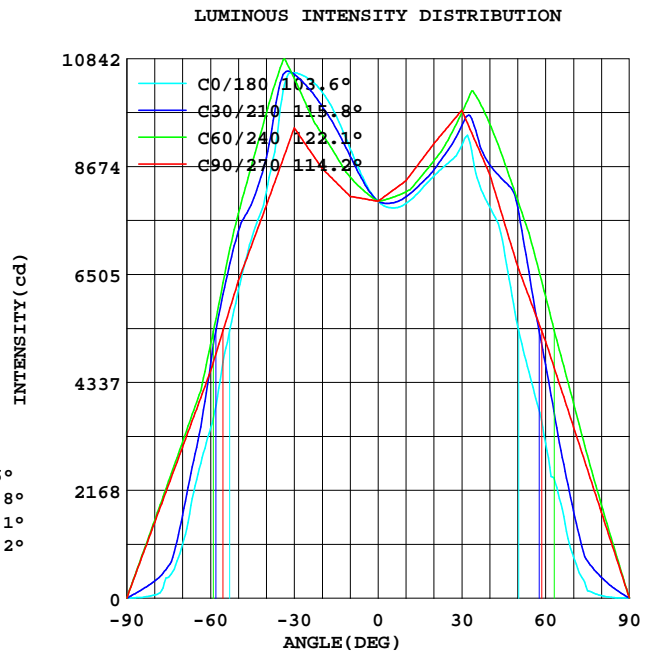
MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-200	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	11199	Effective Flux(lm):	30604.8
NOMINAL POWER(W):	198	MAXIMUM(C, γ):	305, 35.0	EEI	0.086
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.3
NOMINAL FLUX(lm):	31112.8	η street_up(%):	0.0	Current(A)	0.899
TEST FLUX(lm):	31113	η street_down(%):	48.7	Power(W)	193.6
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.982
TOTAL FLUX(lm):	31113	η house_down(%):	51.3	EEFICIENCY(lm/W)	160.6

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年10月14日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks:

Color Temperature Data List

Report number:

MANUFACTURER: LI TIAN	Address:	
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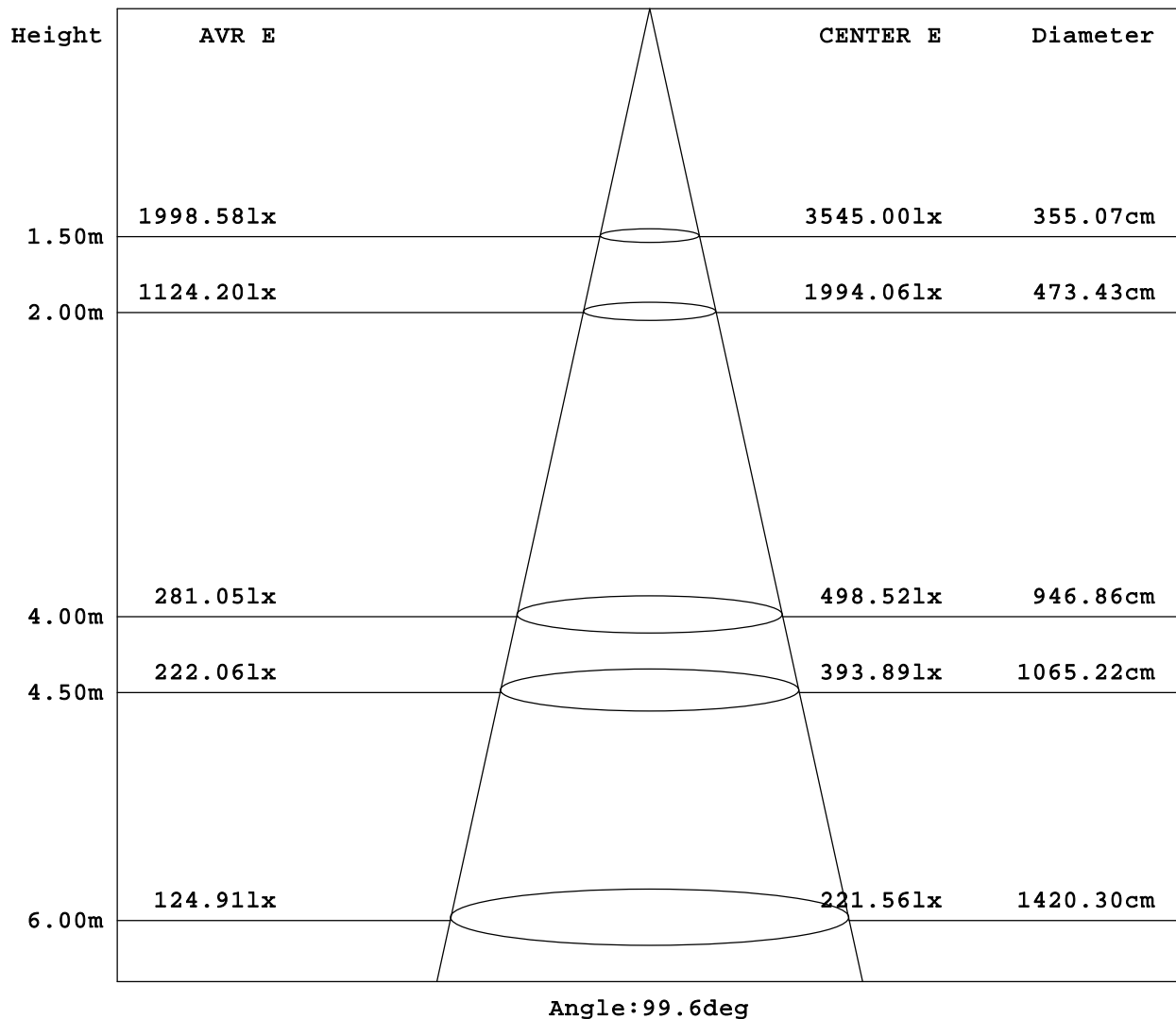
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Temperature:25.3DEG
Operators:
Test Date:2017年10月14日

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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-200	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017年10月14日

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 Humidity: 65.0%
 Test Distance: 10.500 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LTOK-200	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	840.2	826.9	802.5	787.9	784.3	799.3	818.2	837.9	0- 5	192.7	192.7
10.0	903.4	869.3	807.5	786.6	793.0	811.0	838.8	889.8	5- 10	591.0	783.7
15.0	969.5	916.9	835.4	798.8	817.8	834.4	876.0	944.4	10- 15	1017	1801
20.0	1017	967.6	863.2	833.6	848.5	871.4	913.3	996.8	15- 20	1475	3276
25.0	1044	1008	904.0	871.7	873.7	910.6	946.8	1041	20- 25	1955	5231
30.0	1056	1042	944.9	916.9	909.9	960.8	980.3	1083	25- 30	2457	7689
35.0	984.9	1031	867.0	940.1	853.4	983.3	916.1	1093	30- 35	2917	10606
40.0	817.3	963.3	789.1	905.7	786.5	947.0	851.8	1026	35- 40	3089	13695
45.0	727.6	858.9	713.5	845.4	706.0	878.3	759.3	917.9	40- 45	3130	16825
50.0	618.9	757.0	638.0	792.2	545.5	831.5	666.7	807.7	45- 50	3081	19906
55.0	491.3	654.4	546.9	683.4	434.6	734.2	591.5	684.6	50- 55	2877	22783
60.0	340.5	533.3	455.9	539.4	311.3	587.5	516.2	578.2	55- 60	2510	25293
65.0	238.2	374.9	380.0	398.9	200.2	427.2	430.3	434.0	60- 65	2022	27315
70.0	109.0	252.9	304.1	275.9	83.63	305.4	344.5	299.7	65- 70	1514	28828
75.0	42.34	181.6	228.2	191.8	15.37	214.5	258.6	208.1	70- 75	1049	29878
80.0	6.879	116.7	152.2	118.0	5.446	133.3	172.7	135.0	75- 80	694.4	30572
85.0	1.554	56.90	76.38	59.26	1.256	63.97	86.86	66.54	80- 85	405.0	30977
90.0	0.673	0.386	0.474	0.408	0.992	0.518	0.981	0.441	85- 90	135.9	31113
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: $\times 10\text{cd}$									UNIT:lm	

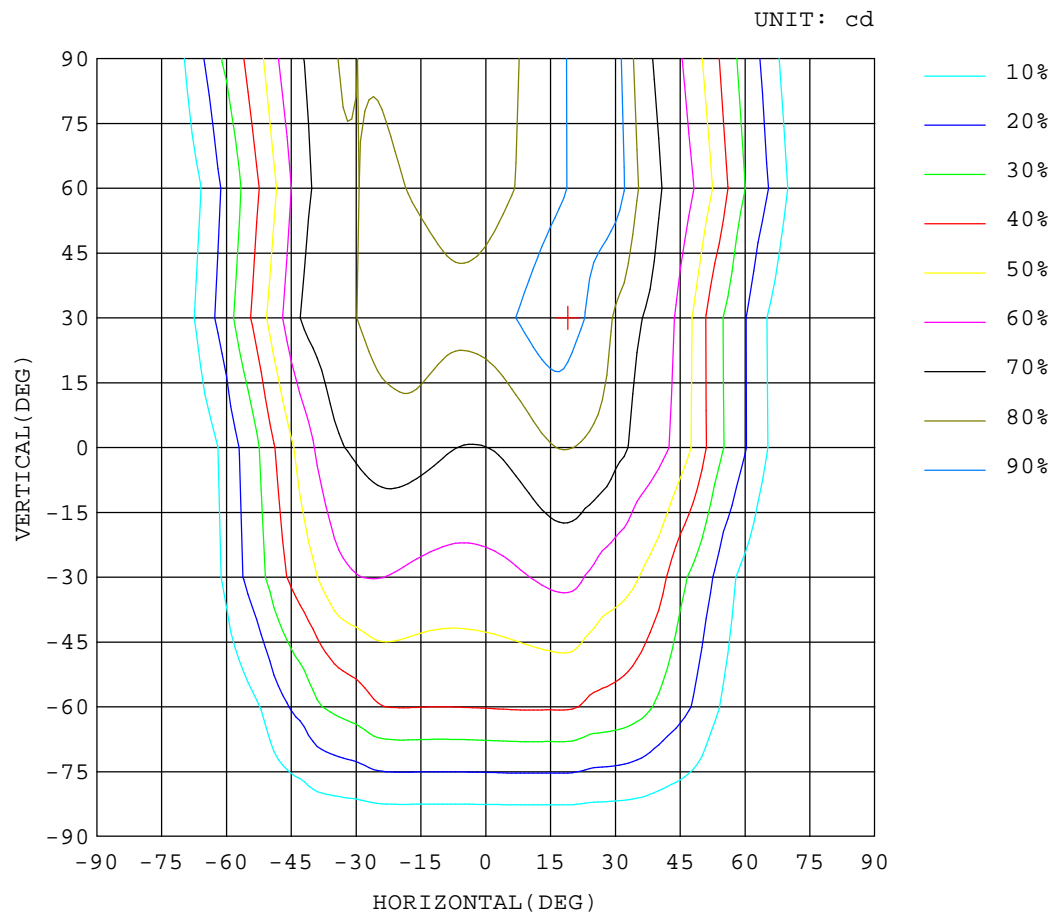
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 Operators:
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ISOCANDELA DIAGRAM

Report number:

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NAME: LTOK-200	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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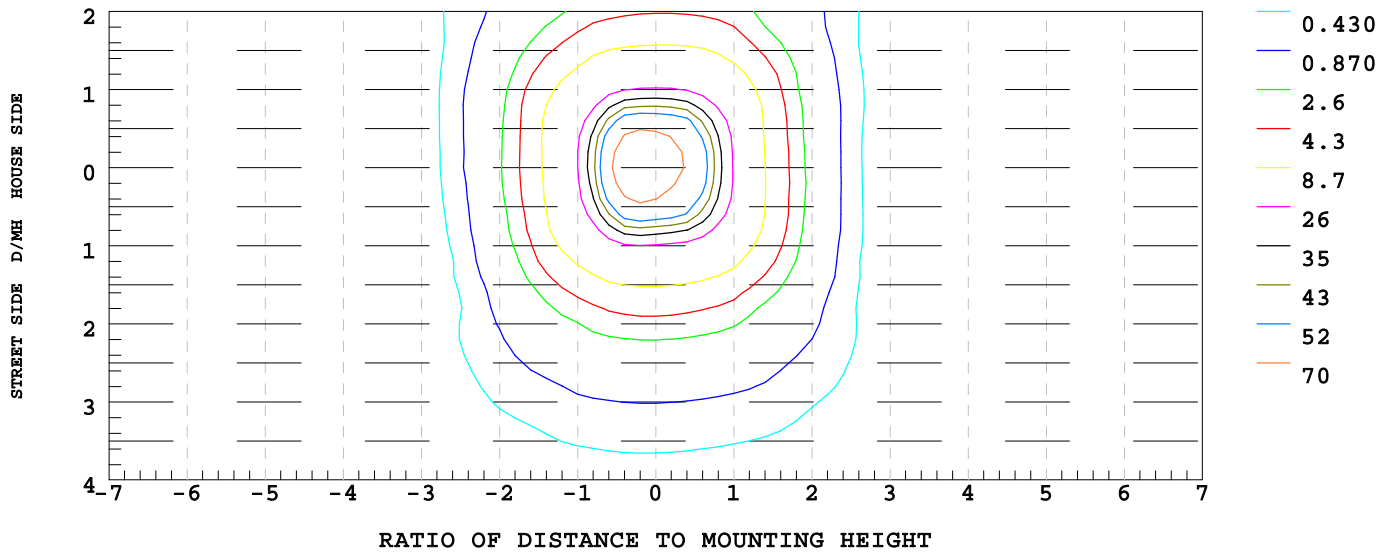
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Remarks:

ISOLUX DIAGRAM

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ILLUMINANCE AT MH=10 m, E_{nadir} = 79.76 lx



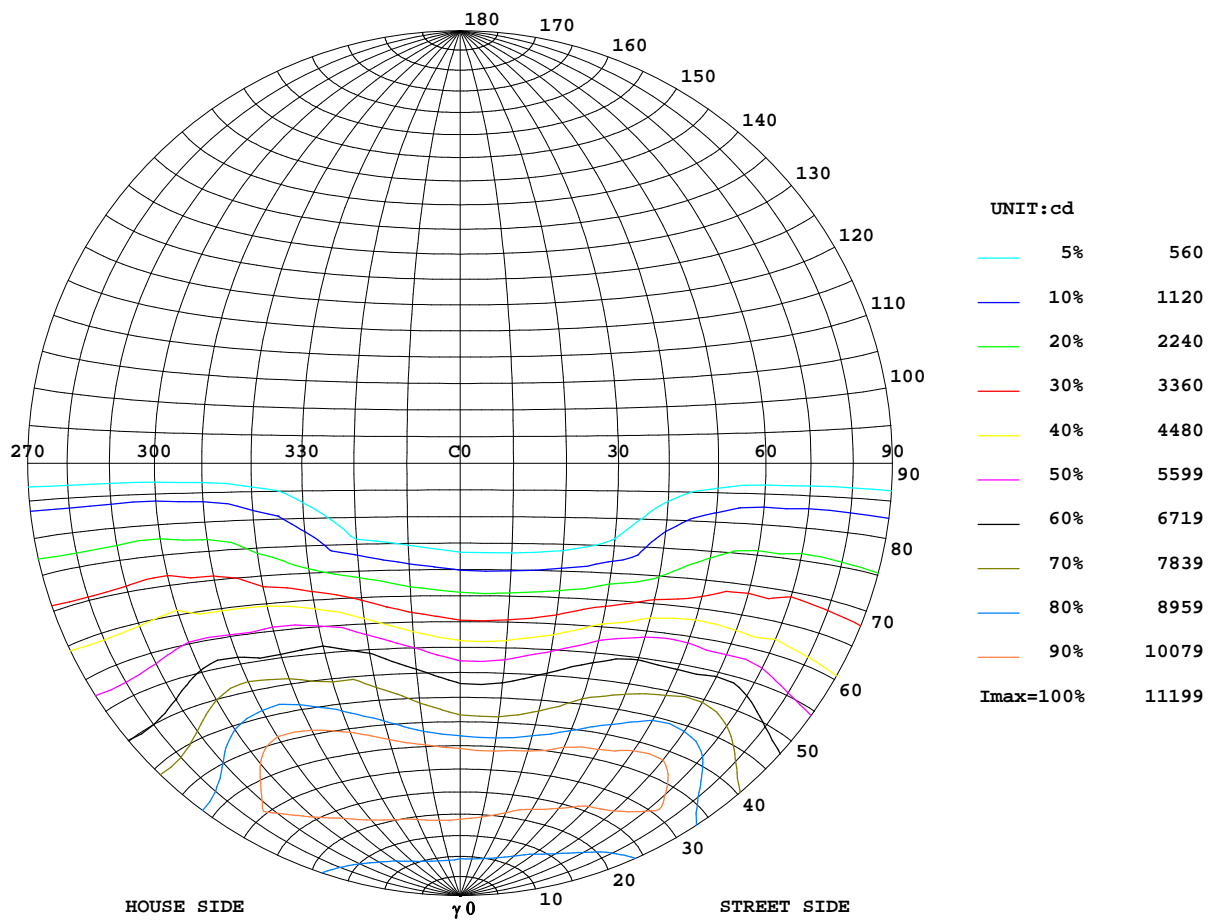
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Uncorrected UGR Table

Report number:

MANUFACTURER: LI TIAN						Address:				
NAME: LTOK-200						TYPE:			WEIGHT:	
SPECIFICATION:						DIMENSION:			SERIAL No.:	
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	28.3	29.9	28.6	30.1	30.3	29.2	30.8	29.5	31.0	31.2
3H	28.7	30.1	29.0	30.3	30.5	30.7	32.1	31.0	32.3	32.6
4H	28.6	30.0	28.9	30.2	30.5	31.3	32.7	31.7	32.9	33.2
6H	28.5	29.8	28.8	30.0	30.3	31.9	33.2	32.2	33.4	33.7
8H	28.5	29.7	28.8	30.0	30.3	32.1	33.3	32.5	33.6	33.9
12H	28.4	29.6	28.8	29.9	30.2	32.3	33.4	32.6	33.7	34.0
4H 2H	29.0	30.4	29.3	30.6	30.9	29.8	31.1	30.1	31.3	31.6
3H	29.5	30.6	29.8	30.9	31.2	31.4	32.6	31.8	32.9	33.2
4H	29.4	30.5	29.8	30.8	31.2	32.3	33.3	32.6	33.7	34.0
6H	29.4	30.3	29.8	30.6	31.0	33.0	33.9	33.4	34.3	34.7
8H	29.3	30.2	29.7	30.6	30.9	33.3	34.2	33.7	34.5	34.9
12H	29.3	30.1	29.7	30.5	30.9	33.5	34.3	33.9	34.7	35.1
8H 4H	29.9	30.7	30.3	31.1	31.5	32.4	33.3	32.8	33.7	34.0
6H	29.8	30.6	30.3	31.0	31.4	33.4	34.1	33.8	34.5	34.9
8H	29.8	30.5	30.3	30.9	31.3	33.8	34.4	34.2	34.8	35.3
12H	29.8	30.3	30.3	30.8	31.3	34.1	34.7	34.6	35.1	35.6
12H 4H	30.0	30.8	30.4	31.2	31.6	32.4	33.2	32.8	33.6	34.0
6H	30.1	30.7	30.5	31.1	31.6	33.4	34.0	33.8	34.4	34.9
8H	30.1	30.6	30.5	31.1	31.5	33.8	34.4	34.3	34.8	35.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.2				
1.5H	+ 0.7 / - 0.7					+ 0.3 / - 0.5				
2.0H	+ 0.8 / - 1.1					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 31113 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.9)

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