

LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

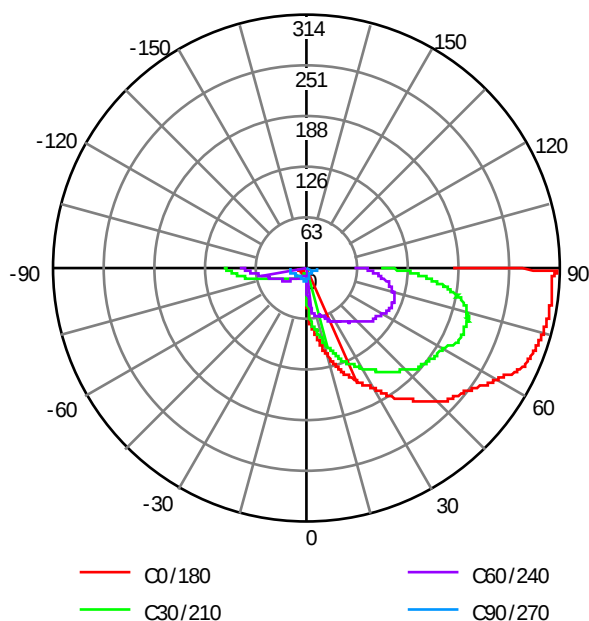
MFC: Deta Electrical		
Name: B2010	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.3	SERIAL NO.:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL:	8	Imax(cd):	314	S/MH(C0-180):	0.0
NOMINAL POWER(W):	8.0	CIE CLASS:	Direct	S/MH(C90-270):	0.0
RATED VOLTAGE(V):	240.0	TOTAL FLUX(lm):	544.9	η UP(C0-180):	0.0
NOMINAL FLUX(lm):	800.0	EFFICIENCY(%):	68.1	η DN(C0-180):	35.6
LAMPS INSIDE:	1	η up(%):	0.0	η UP(C180-360):	0.0
SPEC VOLTAGE(V):	0.0	η down(%):	68.1	η DN(C180-360):	32.5

LUMINOUS INTENSITY DISTRIBUTION

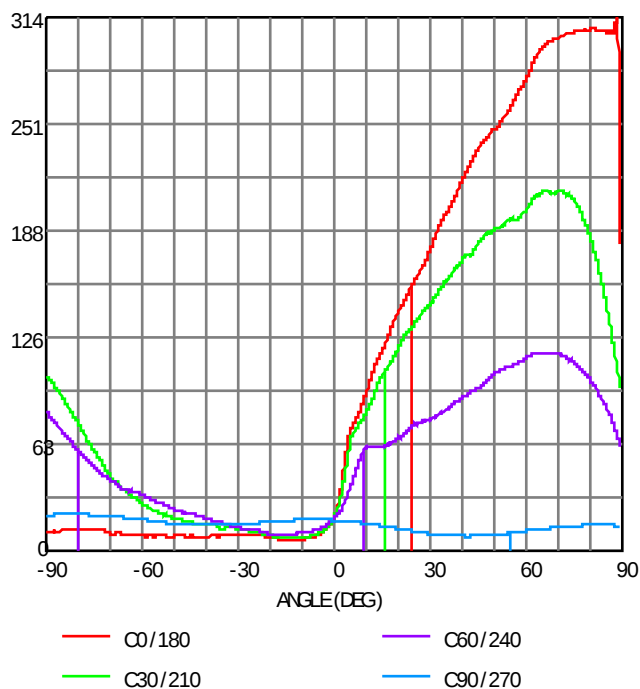
UNIT: cd

THE BEAM ANGLE OF 50% IS: 114.5°



LUMINOUS INTENSITY DISTRIBUTION

INTENSITY(cd)



ELECTRICAL PARAMETERS:

VOLTAGE:	245.3V	CURRENT:	0.112A	POWER:	0.00W	PF:	0.851
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TEST SYSTEM: SPL1900
 B RANGE: -90 - 90 DEG
 B INTERVAL: 30.0 DEG
 TEMPERATURE: 20.0

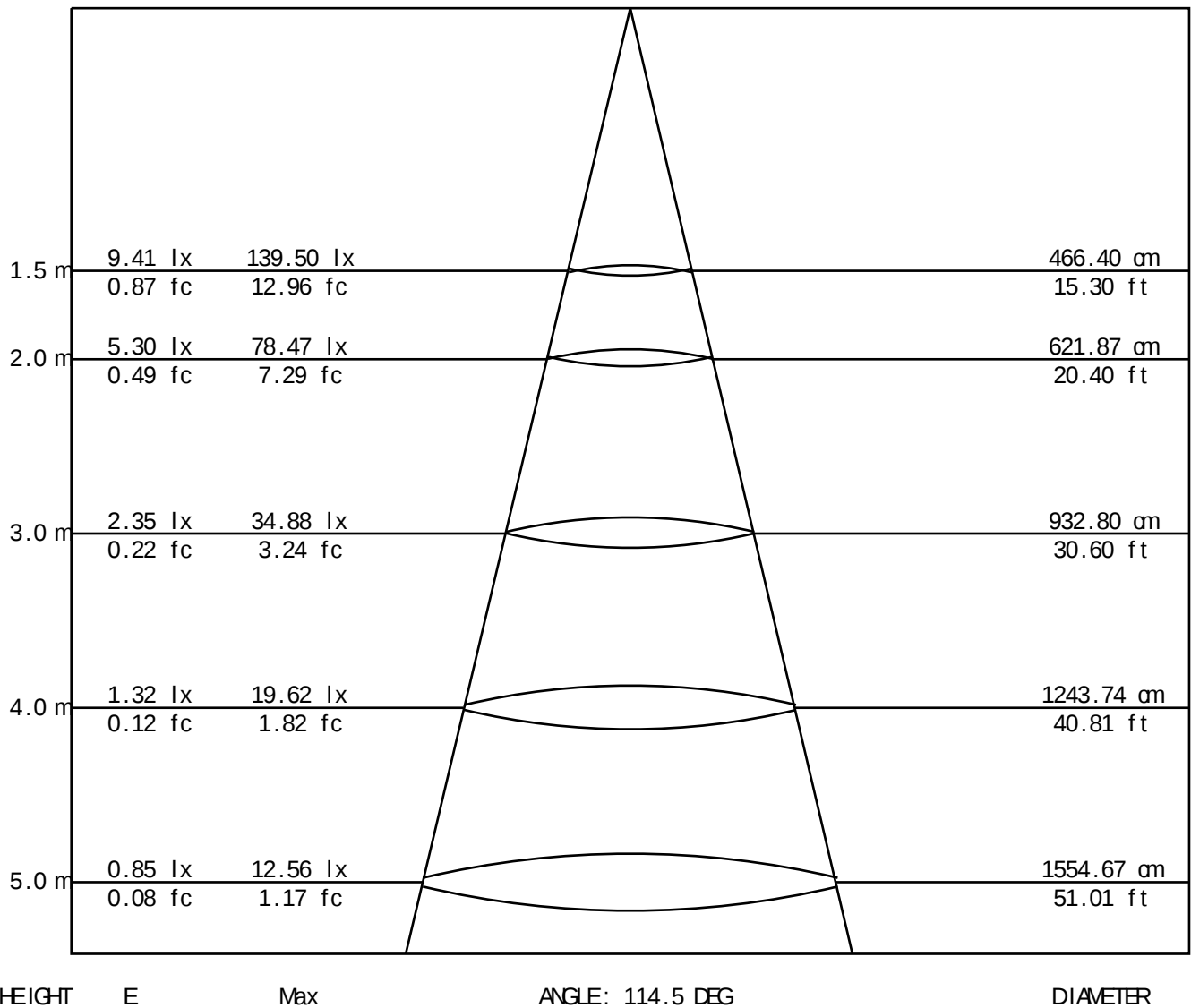
TEST SET: B-Beta(TYPE B)
 β RANGE: -90 - 90 DEG
 β INTERVAL: 1.0 DEG
 HUMIDITY: 40.0%

TEST DISTANCE: 5.7 m
 OPERATORS: Jason Lin
 TEST DATE: 2019-7-25
 REMARKS:

AVERAGE E FIGURE

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ZONAL FLUX DIAGRAM

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y	C0	C45	C90	C135	C180	C225	C270	C315	y (DEG)	Φ zone	Φ total
10	91.07	71.69	16.99	8.39	7.56	9.60	18.98	74.38	0-10	3	3
20	139.7	96.92	13.98	7.60	9.26	10.31	17.80	106.5	10-20	13	16
30	175.8	116.1	10.80	10.77	9.77	14.87	16.10	130.0	20-30	26	41
40	217.0	130.1	9.46	11.30	8.93	18.67	15.79	146.9	30-40	41	83
50	248.0	146.0	10.00	20.16	9.16	23.64	16.86	159.6	40-50	59	142
60	276.8	159.5	12.40	33.07	9.88	31.46	19.30	170.0	50-60	79	221
70	302.1	163.0	14.47	55.09	11.23	49.33	21.15	172.3	60-70	100	321
80	306.8	141.1	15.92	77.82	12.90	71.72	22.23	148.3	70-80	114	434
90	148.8	80.00	15.40	85.90	12.12	94.80	21.40	85.80	80-90	110	545
100									90-100		
110									100-110		
120									110-120		
130									120-130		
140									130-140		
150									140-150		
160									150-160		
170									160-170		
180									170-180		
DEG	LUMINOUS INTENSITY: cd									UNIT: lm	

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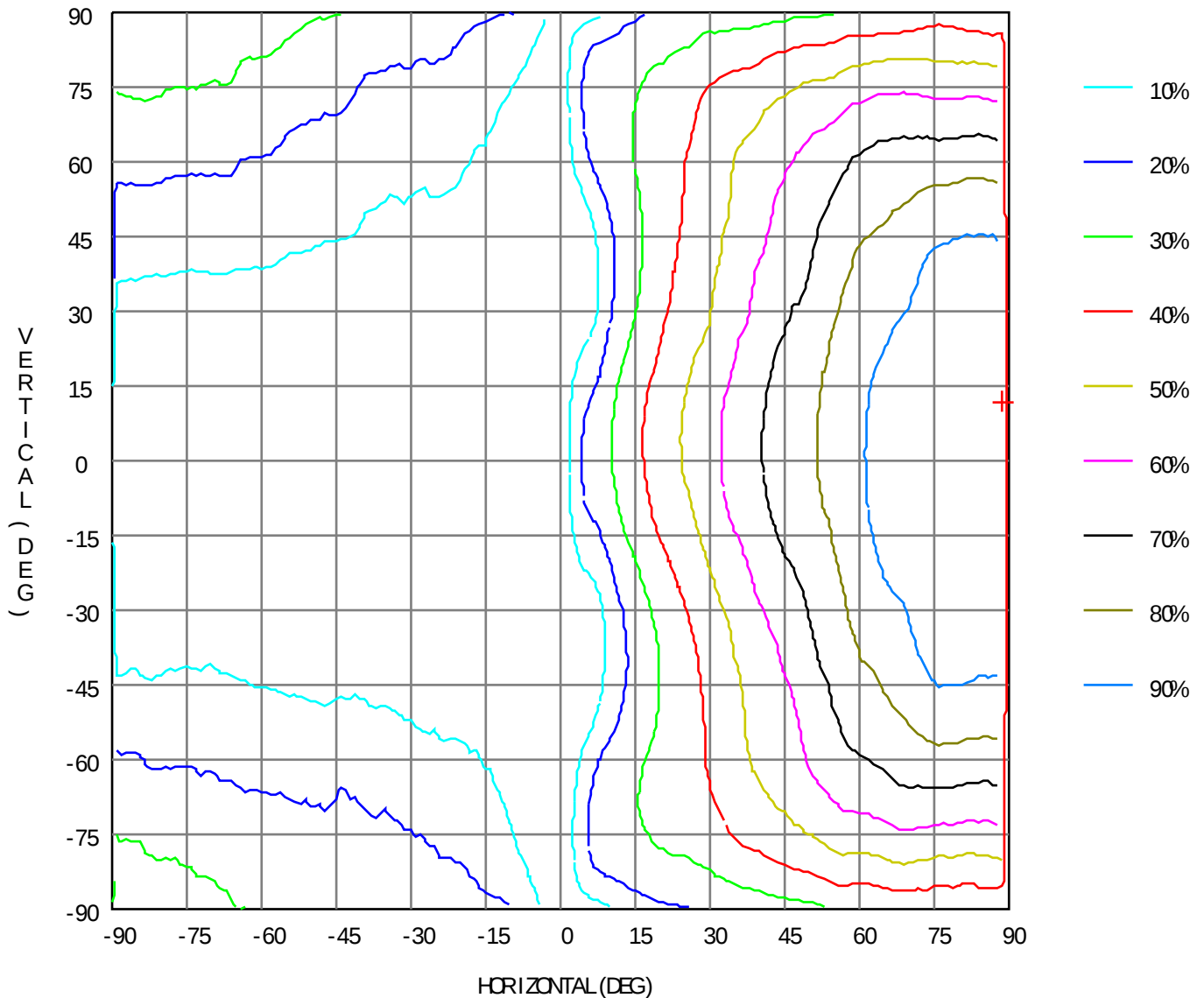
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ISOCANDELA DIAGRAM

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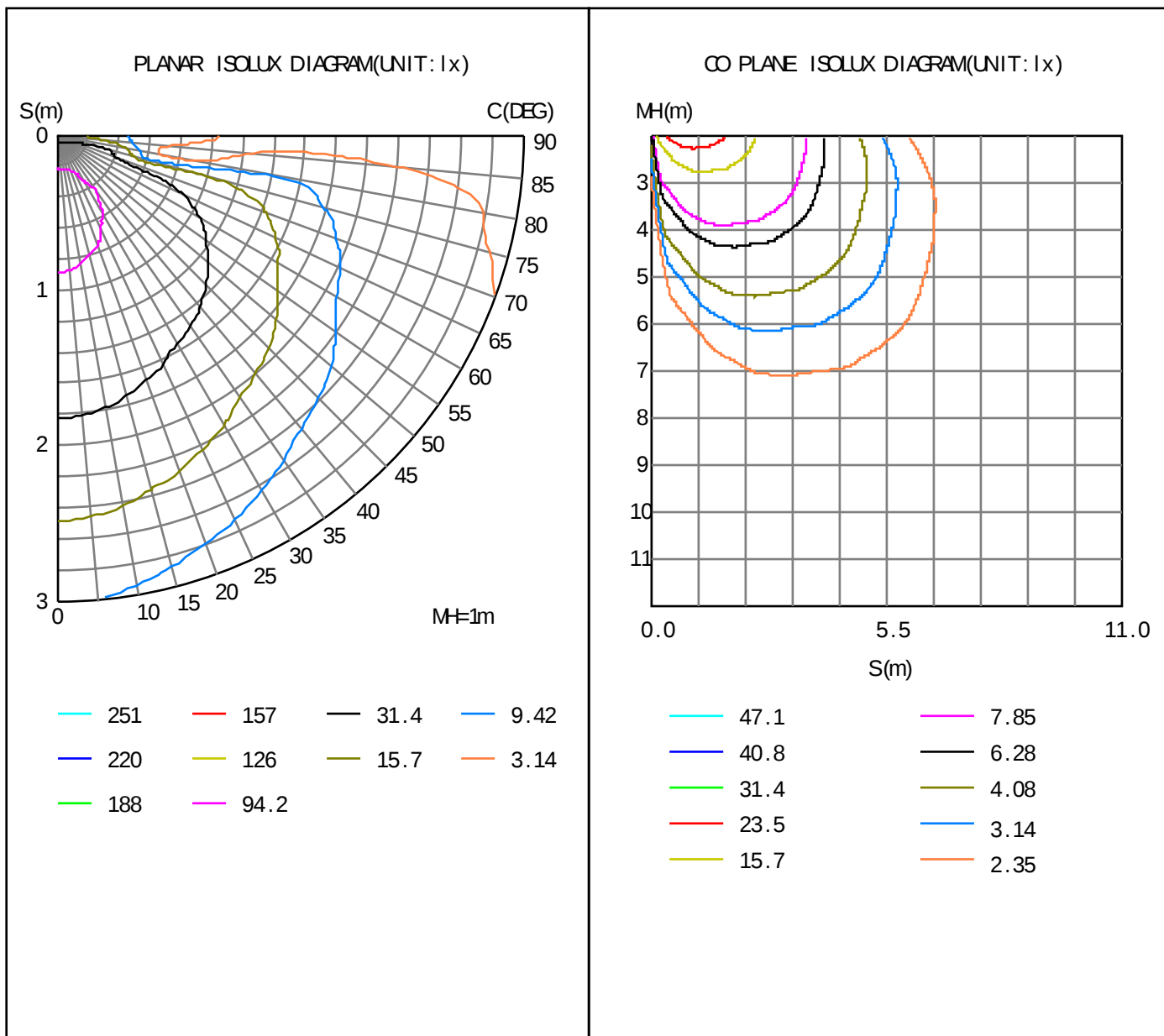
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[illegible]

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