

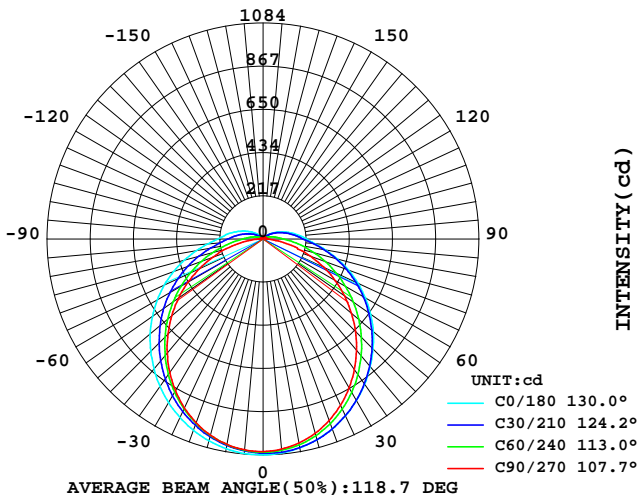
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:1

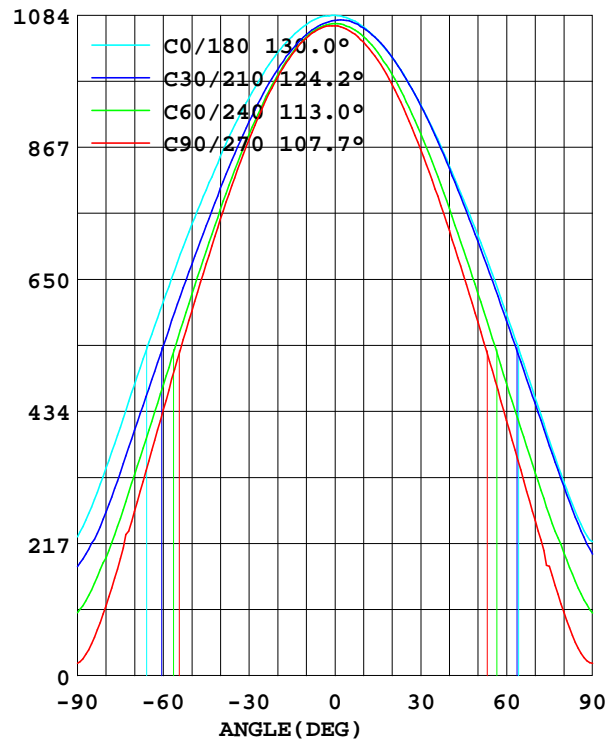
MANUFACTURER:RUNWIN	Address:	
NAME: TRI-PROOF LIGHT	TYPE:Wide	WEIGHT:
SPECIFICATION:FI81-212E	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1084	S/MH(C0/180)	1.30
MODEL	2835	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.23
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	3714.7	Voltage(V)	219.5
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	94.9	Current(A)	0.188
NOMINAL FLUX(lm)	3714.8	η up(%)	8.4	Power(W)	39.13
LAMPS QUANTITY	1	η down(%)	91.6	Power Factor(PF)	0.950
TEST VOLTAGE(V)	219.5	Effective Flux(lm)	3530.9	EEL	0.151

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators: Zhong ql
 Test Date:10-05-2018

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.400 m
 Remarks:

Color Temperature Data List

Report number:

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NAME: TRI-PROOF LIGHT	TYPE:	WEIGHT:
SPECIFICATION:FI81-212E	DIMENSION:	SERIAL No.:

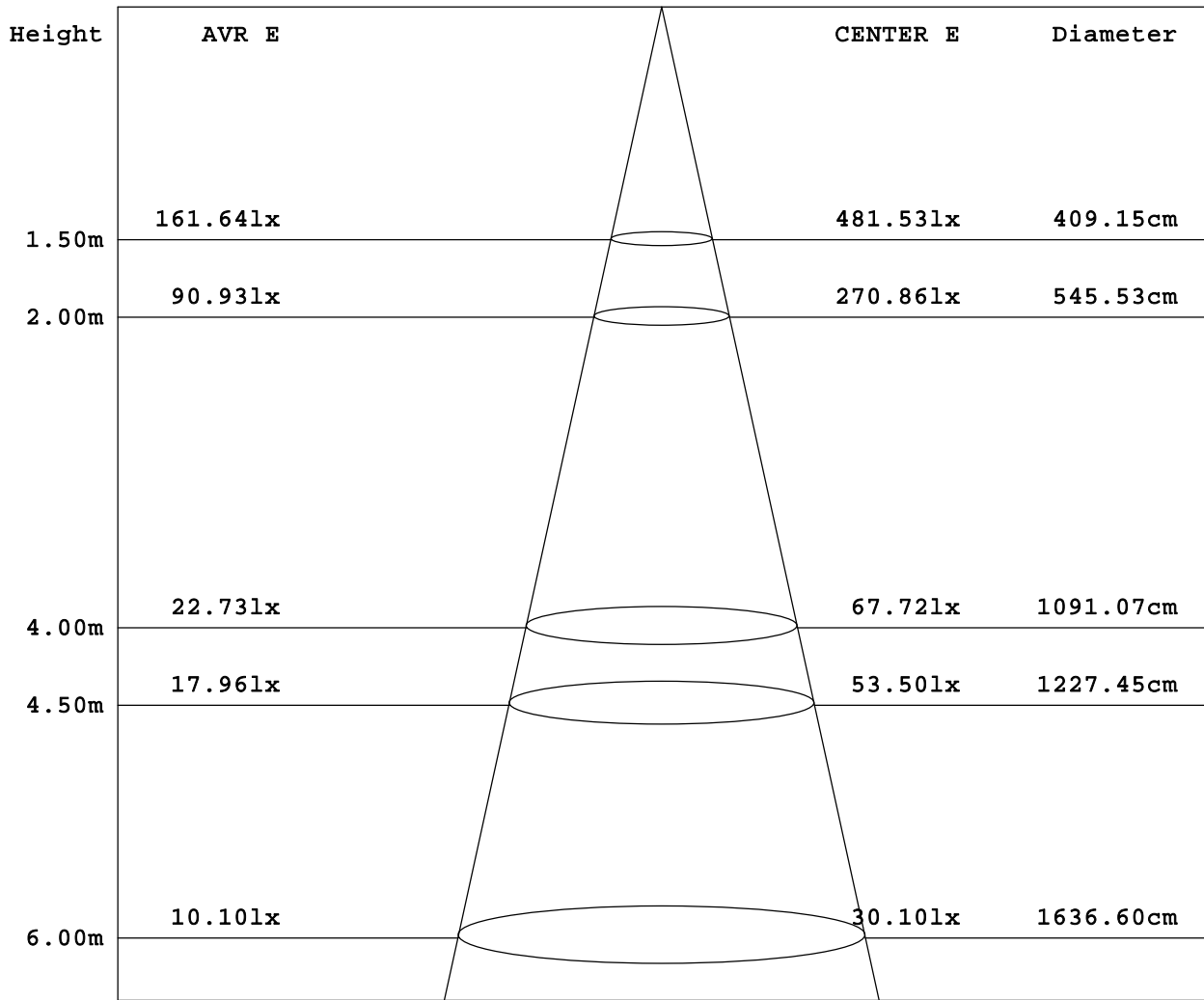
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
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SPECIFICATION:FI81-212E	DIMENSION:	SERIAL No.:



Angle:107.5deg

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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: TRI-PROOF LIGHT	TYPE:	WEIGHT:
SPECIFICATION:FI81-212E	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1081	1066	1062	1064	1078	1069	1058	1053	0- 5	25.52	25.52
10.0	1068	1050	1046	1054	1065	1056	1040	1033	5- 10	75.69	101.2
15.0	1049	1024	1019	1035	1043	1033	1010	1005	10- 15	123.1	224.4
20.0	1023	989.7	981.6	1006	1014	1001	969.4	967.5	15- 20	166.4	390.8
25.0	988.4	948.3	935.6	969.5	978.5	959.8	920.8	922.4	20- 25	203.9	594.8
30.0	947.9	898.4	879.7	924.6	936.8	912.6	863.3	871.0	25- 30	234.7	829.5
35.0	903.4	843.1	816.6	873.9	889.0	858.5	798.4	813.9	30- 35	258.0	1088
40.0	851.6	782.5	749.1	816.2	835.5	799.3	730.7	751.8	35- 40	273.2	1361
45.0	796.7	717.2	675.7	754.4	781.0	736.1	656.2	687.2	40- 45	280.2	1641
50.0	740.3	650.0	597.5	689.4	721.9	669.7	580.4	620.0	45- 50	279.4	1920
55.0	678.0	580.3	519.0	622.0	658.8	600.8	500.6	549.3	50- 55	270.9	2191
60.0	613.0	508.6	436.2	551.8	593.6	530.9	418.3	479.5	55- 60	255.3	2447
65.0	546.9	436.8	352.0	481.5	525.0	460.2	337.4	408.8	60- 65	233.6	2680
70.0	477.2	365.7	269.7	410.6	454.9	389.2	254.6	338.2	65- 70	206.6	2887
75.0	407.4	295.6	192.1	340.3	386.1	320.1	179.1	271.1	70- 75	175.8	3063
80.0	340.4	230.5	114.1	273.1	318.1	256.5	105.0	211.0	75- 80	143.3	3206
85.0	276.7	179.1	52.49	213.5	257.9	196.3	45.15	159.1	80- 85	111.4	3318
90.0	227.9	141.1	19.96	164.8	219.8	151.0	20.03	130.3	85- 90	85.42	3403
95.0	195.9	114.8	17.49	133.9	188.3	126.4	18.20	105.8	90- 95	69.29	3473
100.0	170.1	91.76	16.01	109.4	159.1	102.8	16.51	84.46	95-100	57.05	3530
105.0	142.2	71.47	14.53	87.49	131.5	82.20	15.17	65.47	100-105	45.73	3575
110.0	117.2	54.33	13.12	68.54	106.9	64.38	14.18	49.56	105-110	35.70	3611
115.0	94.69	40.07	12.20	52.39	85.30	49.07	13.05	36.58	110-115	27.06	3638
120.0	74.15	29.35	10.72	38.56	65.97	36.26	11.36	27.20	115-120	19.90	3658
125.0	56.37	22.08	8.749	28.71	48.75	27.23	10.51	20.56	120-125	14.31	3672
130.0	40.57	16.51	8.890	21.59	34.00	20.70	10.65	15.59	125-130	10.20	3683
135.0	28.01	13.61	9.737	16.12	22.50	15.38	11.14	13.79	130-135	7.187	3690
140.0	18.27	13.44	10.23	13.58	15.66	13.93	11.43	13.33	135-140	5.356	3695
145.0	16.72	13.22	10.44	13.37	14.67	13.61	11.85	13.33	140-145	4.507	3700
150.0	15.94	13.26	11.07	13.30	14.46	13.44	11.92	13.19	145-150	3.932	3704
155.0	15.45	13.12	11.50	13.33	14.04	13.61	12.34	13.12	150-155	3.369	3707
160.0	14.88	13.22	12.06	13.22	13.90	13.54	12.84	13.15	155-160	2.791	3710
165.0	14.67	13.19	12.34	13.40	13.90	13.65	12.98	13.05	160-165	2.195	3712
170.0	14.39	13.19	12.70	13.40	13.90	13.68	13.19	13.01	165-170	1.584	3713
175.0	14.04	13.15	12.63	13.22	13.61	13.40	12.98	13.05	170-175	0.953	3714
180.0	13.82	13.26	12.91	13.15	13.90	13.40	13.19	13.12	175-180	0.317	3715
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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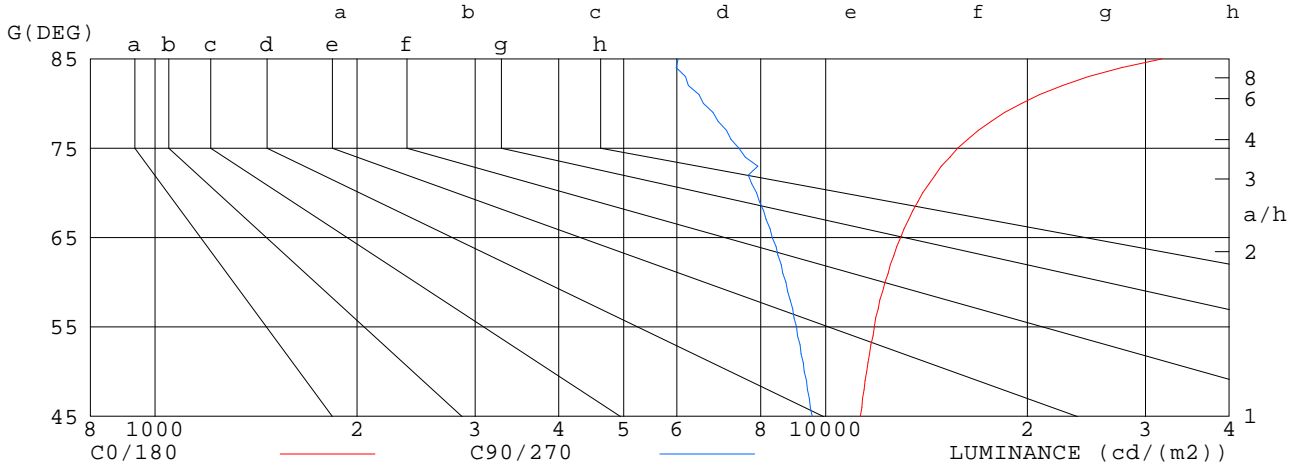
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
NAME: TRI-PROOF LIGHT	TYPE:	WEIGHT:
SPECIFICATION:FI81-212E	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	31752	6023
80	19606	6575
75	15744	7424
70	13954	7887
65	12941	8330
60	12262	8725
55	11822	9049
50	11517	9295
45	11268	9557

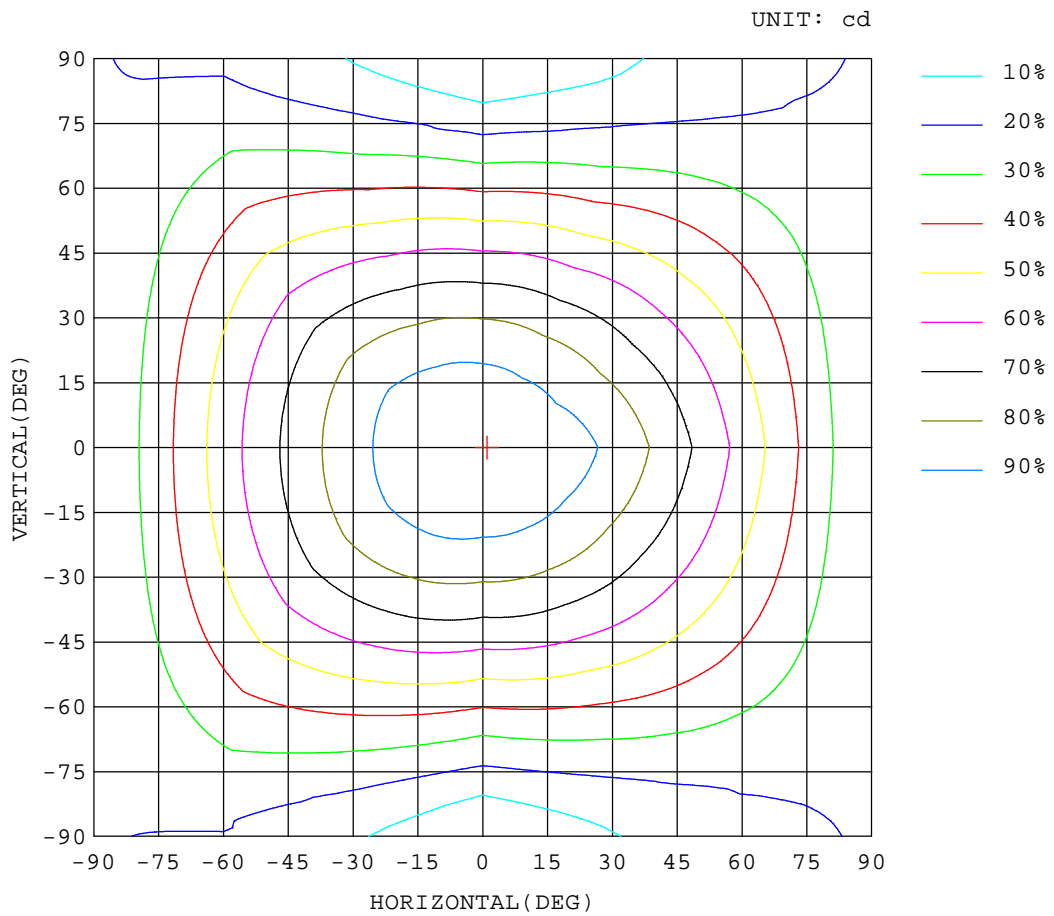
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ISOCANDELA DIAGRAM

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