

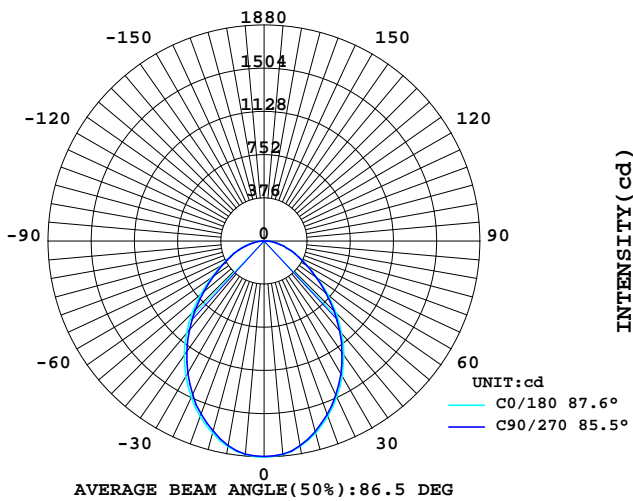
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

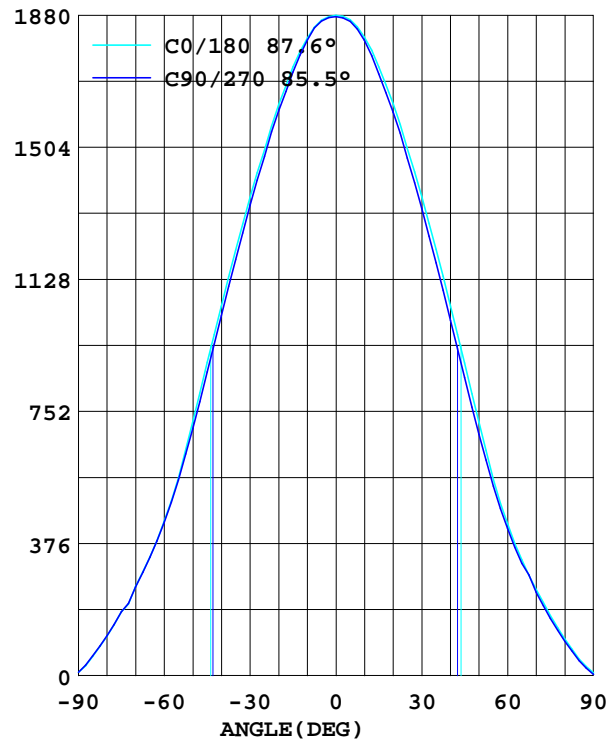
MANUFACTURER:			
Address:			
NAME: FK-CL1230-PW40-RB		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION: 90DEG	SERIAL No.:

DATA OF LAMP		Imax(cd)	1880	S/MH(C0/180)	1.10
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.09
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	3826.9	Voltage(V)	230.8
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	94.9	Current(A)	0.180
NOMINAL FLUX(lm)	3827.0	η up(%)	0.0	Power(W)	40.34
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.971
TEST VOLTAGE(V)	230.9	Effective Flux(lm)	3677.4	EEI	0.149

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



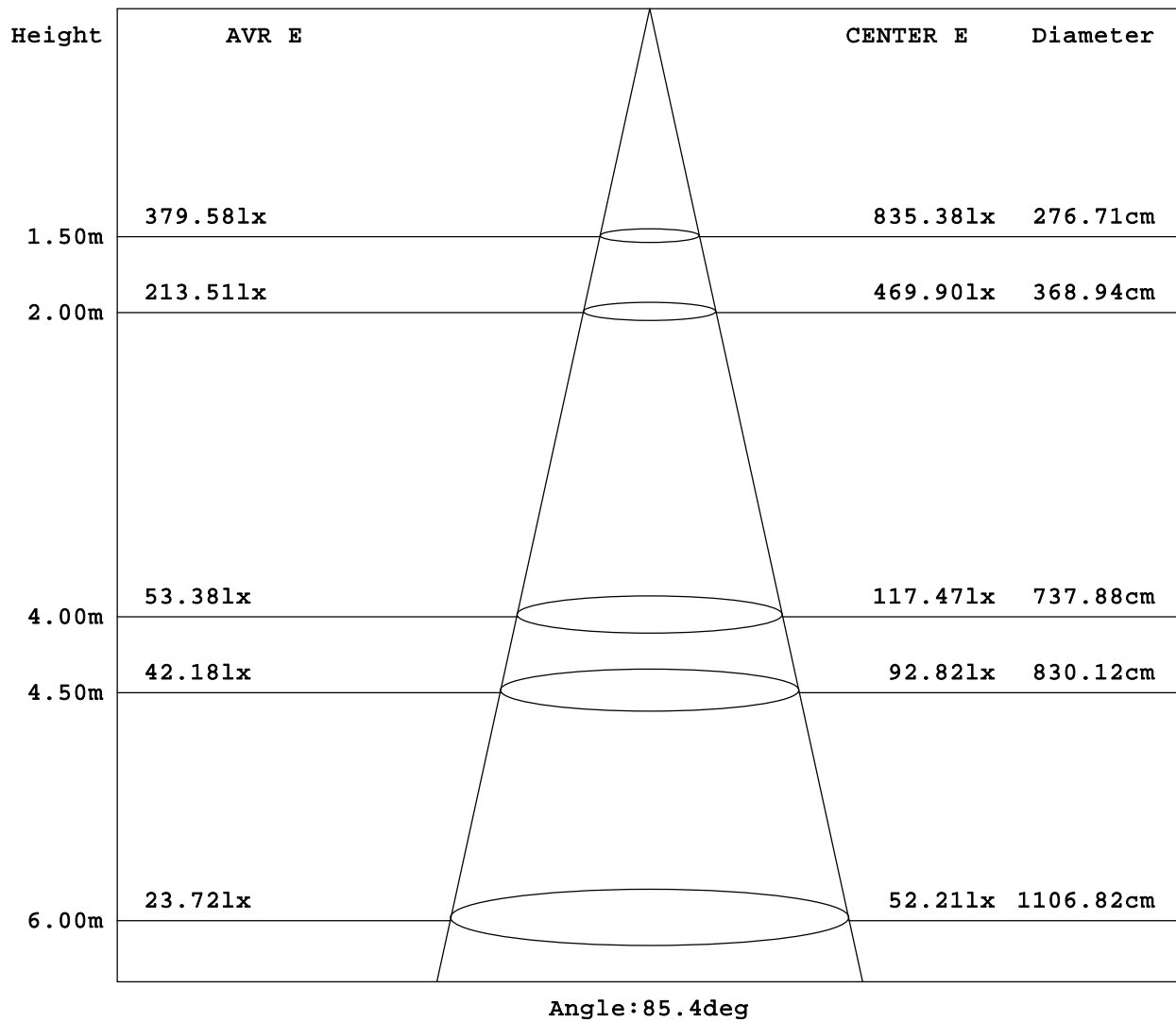
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2021.04.16

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

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ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION:	CCT(K): 5000	DIMENSION: 90DEG	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1865	1859	1863	1859	1867	1866	1862	1865	0- 5	44.71	44.71
10.0	1814	1805	1809	1805	1817	1818	1808	1818	5- 10	131.5	176.2
15.0	1732	1713	1718	1714	1732	1733	1712	1732	10- 15	209.6	385.8
20.0	1624	1603	1607	1602	1628	1624	1603	1625	15- 20	274.9	660.8
25.0	1496	1480	1478	1476	1500	1502	1473	1505	20- 25	325.4	986.2
30.0	1362	1335	1339	1330	1364	1359	1331	1363	25- 30	358.5	1345
35.0	1211	1178	1184	1173	1213	1203	1175	1207	30- 35	373.9	1719
40.0	1051	1018	1023	1015	1052	1047	1011	1049	35- 40	371.4	2090
45.0	891.1	848.9	864.0	847.9	889.7	879.3	848.4	880.7	40- 45	351.5	2442
50.0	723.4	683.3	703.1	682.7	721.5	713.0	686.7	714.0	45- 50	317.2	2759
55.0	562.0	538.0	555.9	535.7	557.7	564.0	538.7	565.7	50- 55	272.6	3032
60.0	440.1	415.2	437.0	413.6	432.8	439.5	419.6	440.7	55- 60	225.6	3257
65.0	337.8	317.0	336.6	315.3	329.0	338.2	319.0	339.7	60- 65	183.7	3441
70.0	253.0	237.2	252.0	235.7	244.1	256.2	235.9	257.5	65- 70	146.3	3587
75.0	181.8	162.5	181.5	161.3	170.8	182.2	163.0	183.3	70- 75	107.7	3695
80.0	112.6	97.89	113.3	97.09	104.2	113.0	98.09	114.1	75- 80	74.54	3770
85.0	54.29	44.40	55.80	43.59	47.29	56.50	42.69	57.50	80- 85	42.30	3812
90.0	9.900	3.600	9.700	3.500	7.300	9.700	3.400	9.800	85- 90	14.91	3827
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	

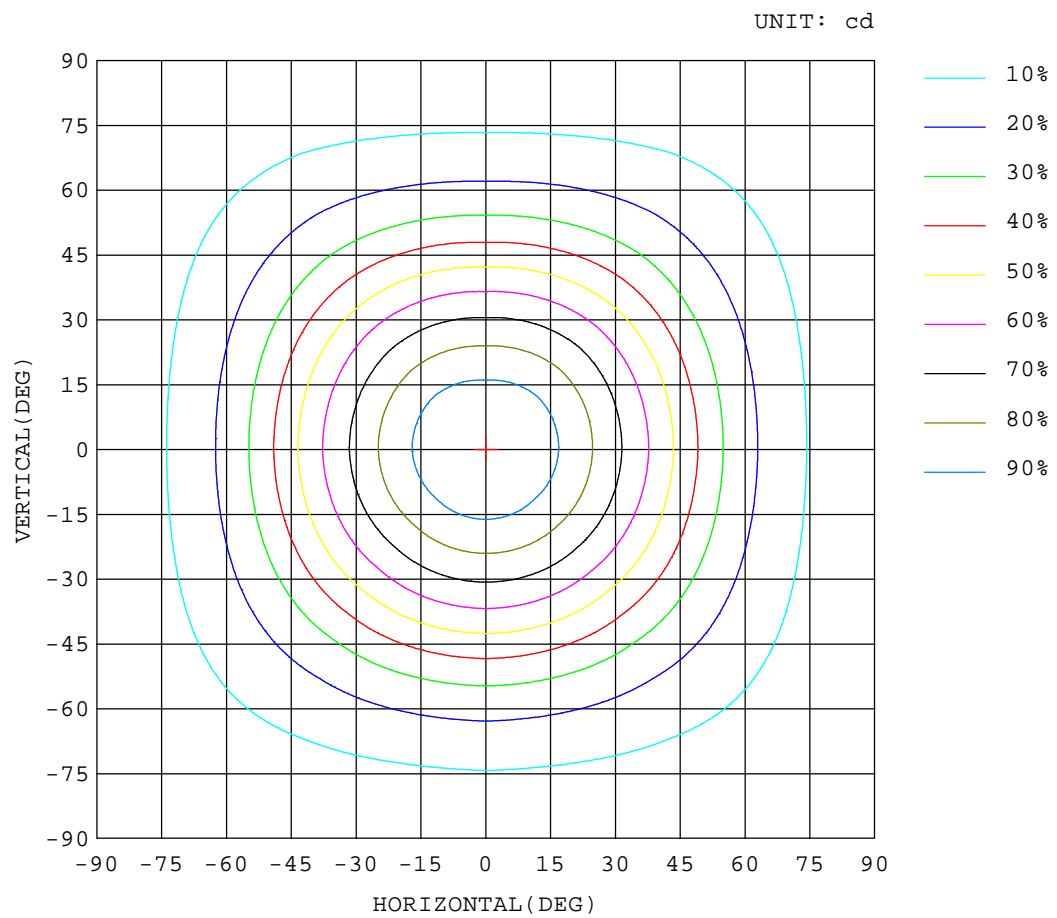
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ISOCANDELA DIAGRAM

Report number:

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SPECIFICATION:	CCT(K): 5000	DIMENSION: 90DEG	SERIAL No.:



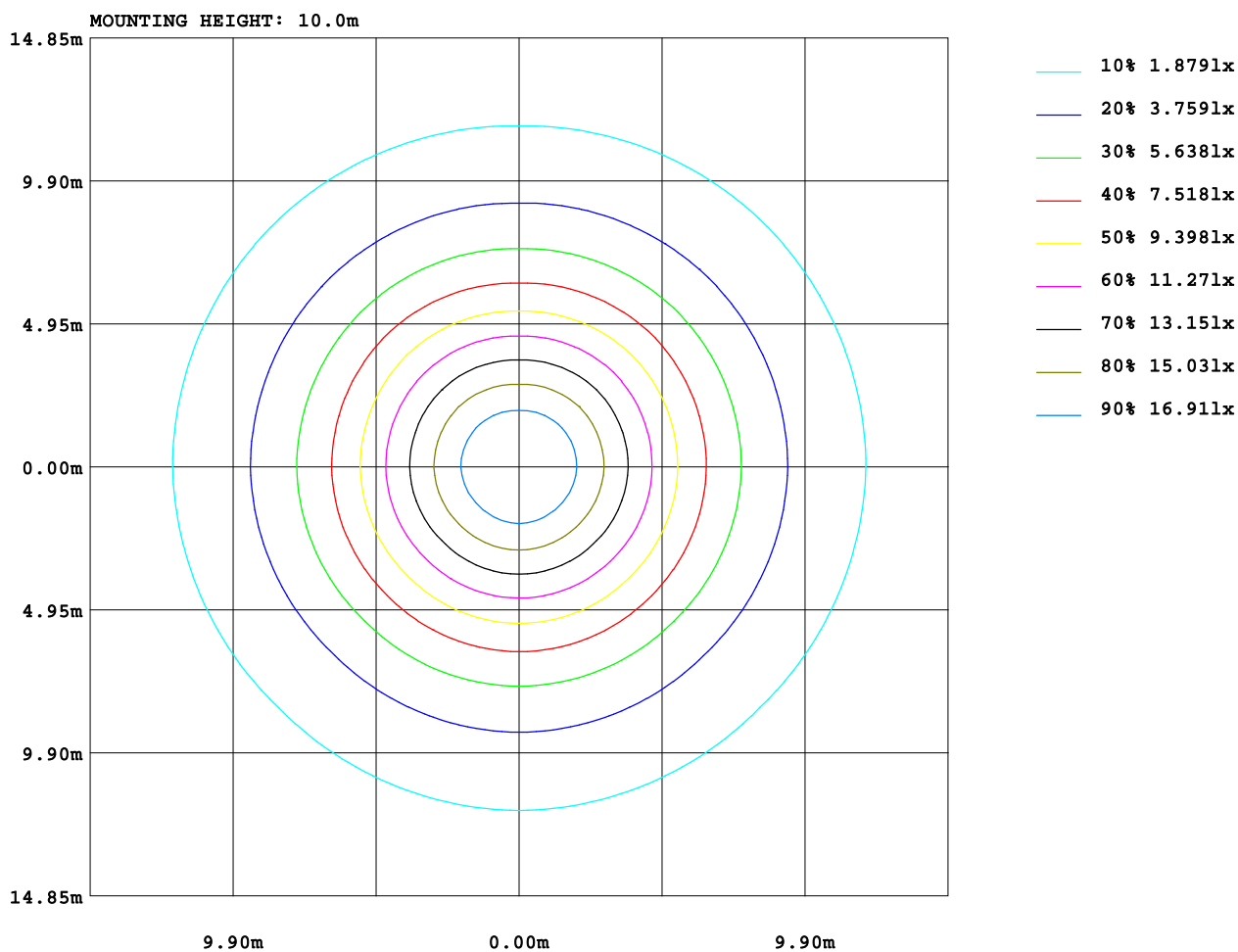
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2021.04.16

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

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SPECIFICATION:	CCT(K): 5000	DIMENSION: 90DEG	SERIAL No.:



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Operators:
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UGR Table

Report number:

MANUFACTURER:										
Address:										
NAME: FK-CL1230-PW40-RB						TYPE:		WEIGHT:		
SPECIFICATION:			CCT(K): 5000			DIMENSION: 90DEG		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	13.0	14.4	13.2	14.5	14.7	12.9	14.3	13.2	14.5	14.7
3H	14.0	15.3	14.3	15.5	15.8	14.0	15.3	14.3	15.5	15.7
4H	14.5	15.7	14.8	16.0	16.2	14.5	15.7	14.8	15.9	16.2
6H	14.9	16.0	15.2	16.3	16.6	14.8	16.0	15.2	16.3	16.5
8H	15.0	16.1	15.3	16.4	16.7	15.0	16.1	15.3	16.4	16.6
12H	15.1	16.2	15.4	16.4	16.7	15.1	16.1	15.4	16.4	16.7
4H 2H	13.3	14.6	13.6	14.8	15.1	13.3	14.5	13.6	14.8	15.0
3H	14.6	15.7	15.0	16.0	16.3	14.6	15.6	14.9	15.9	16.2
4H	15.2	16.2	15.6	16.5	16.8	15.2	16.2	15.6	16.5	16.8
6H	15.7	16.6	16.1	16.9	17.3	15.7	16.6	16.1	16.9	17.3
8H	15.9	16.7	16.3	17.1	17.5	15.9	16.7	16.3	17.1	17.4
12H	16.0	16.8	16.5	17.2	17.6	16.0	16.8	16.5	17.2	17.6
8H 4H	15.4	16.2	15.8	16.6	16.9	15.4	16.2	15.8	16.5	16.9
6H	16.0	16.7	16.5	17.1	17.5	16.0	16.7	16.4	17.1	17.5
8H	16.3	16.9	16.8	17.3	17.8	16.3	16.9	16.7	17.3	17.8
12H	16.5	17.0	17.0	17.5	17.9	16.5	17.0	17.0	17.5	18.0
12H 4H	15.4	16.1	15.8	16.5	16.9	15.4	16.1	15.8	16.5	16.9
6H	16.1	16.7	16.5	17.1	17.5	16.1	16.6	16.5	17.1	17.5
8H	16.4	16.9	16.8	17.3	17.8	16.4	16.9	16.8	17.3	17.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H	+ 0.5 / - 0.4					+ 0.5 / - 0.4				

CIE Pub.117 Corrected 3827 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.7)

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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

γ (DEG)	C(DEG)							
	0	45	90	135	180	225	270	315
0.0	1880	1876	1876	1876	1880	1876	1876	1876
5.0	1865	1859	1863	1859	1867	1866	1862	1865
10.0	1814	1805	1809	1805	1817	1818	1808	1818
15.0	1732	1713	1718	1714	1732	1733	1712	1732
20.0	1624	1603	1607	1602	1628	1624	1603	1625
25.0	1496	1480	1478	1476	1500	1502	1473	1505
30.0	1362	1335	1339	1330	1364	1359	1331	1363
35.0	1211	1178	1184	1173	1213	1203	1175	1207
40.0	1051	1018	1023	1015	1052	1047	1011	1049
45.0	891	849	864	848	890	879	848	881
50.0	723	683	703	683	722	713	687	714
55.0	562	538	556	536	558	564	539	566
60.0	440	415	437	414	433	440	420	441
65.0	338	317	337	315	329	338	319	340
70.0	253	237	252	236	244	256	236	258
75.0	182	163	182	161	171	182	163	183
80.0	113	97.8	113	97.0	104	113	98.0	114
85.0	54.2	44.4	55.8	43.5	47.2	56.5	42.6	57.5
90.0	9.90	3.60	9.70	3.50	7.30	9.70	3.40	9.80

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