

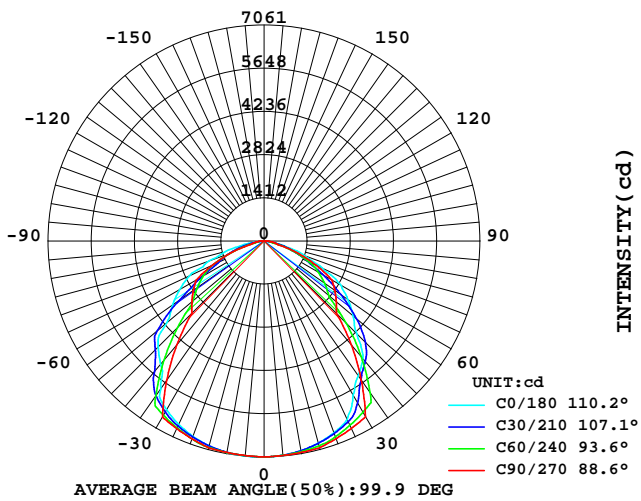
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

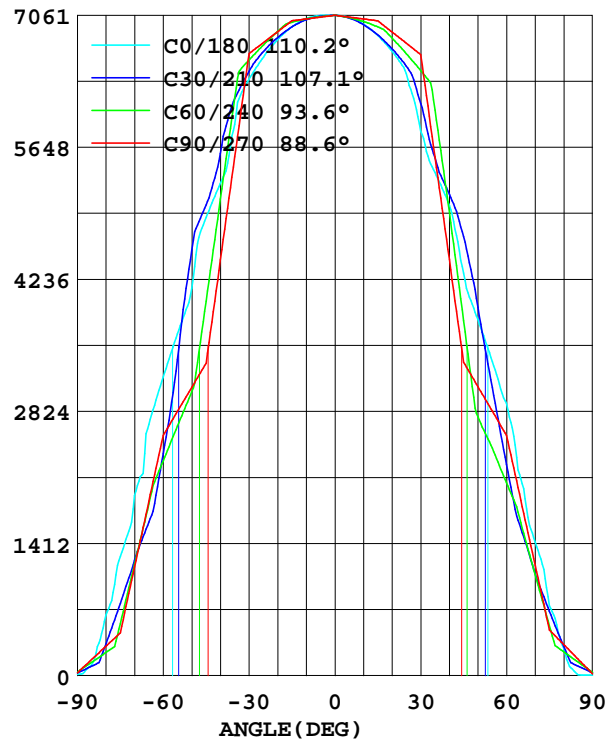
MANUFACTURER: 力天	Address:	
NAME: 新款工矿灯140W无透镜	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	7061	S/MH(C0/180)	1.34
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	138	TOTAL FLUX(lm)	18054	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	130.4	Current(A)	0.646
NOMINAL FLUX(lm)	18054.1	η up(%)	0.0	Power(W)	138.5
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.976
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	17649.8	EEI	0.107

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年06月20日

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

Color Temperature Data List

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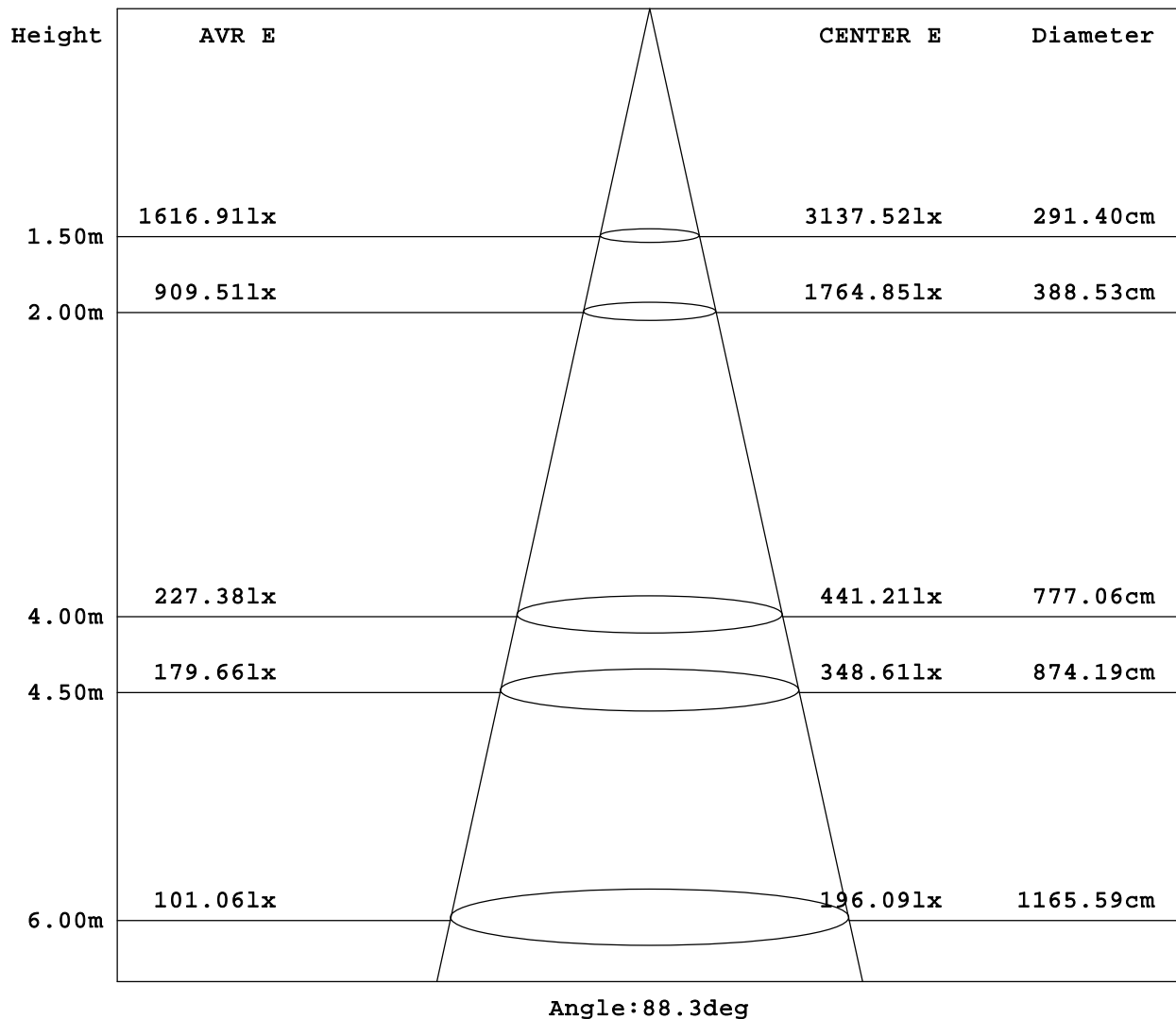
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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	7058	7046	7040	7032	7036	7031	7040	7046	0- 5	168.5	168.5
10.0	7022	7016	7020	6977	6965	6974	7020	7018	5- 10	502.2	670.7
15.0	6937	6959	7001	6894	6843	6887	7000	6963	10- 15	826.4	1497
20.0	6799	6877	6884	6785	6676	6775	6880	6883	15- 20	1133	2630
25.0	6612	6708	6767	6596	6437	6580	6760	6714	20- 25	1411	4041
30.0	6376	6501	6650	6371	5821	6338	6639	6507	25- 30	1651	5692
35.0	5890	6269	5546	6069	5379	5939	5543	6278	30- 35	1810	7502
40.0	5262	5886	4443	5455	5028	5322	4446	5895	35- 40	1827	9330
45.0	4901	4751	3339	4298	4303	4285	3350	4756	40- 45	1730	11060
50.0	4143	3509	3082	3286	3806	3244	3089	3510	45- 50	1565	12625
55.0	3652	2483	2825	2238	3355	2209	2828	2475	50- 55	1405	14030
60.0	3194	2101	2568	1883	2911	1898	2567	2104	55- 60	1253	15283
65.0	2686	1703	1864	1597	2103	1591	1874	1724	60- 65	1068	16351
70.0	1925	1260	1160	1201	1425	1185	1180	1288	65- 70	799.8	17151
75.0	1274	697.0	456.4	663.3	746.3	661.9	486.7	720.3	70- 75	503.4	17655
80.0	647.1	210.4	314.0	203.1	292.0	214.5	331.3	227.1	75- 80	249.2	17904
85.0	114.7	125.2	171.6	120.7	9.371	125.4	175.9	132.0	80- 85	109.4	18013
90.0	13.23	42.00	29.32	40.13	6.725	38.25	20.50	39.24	85- 90	40.61	18054
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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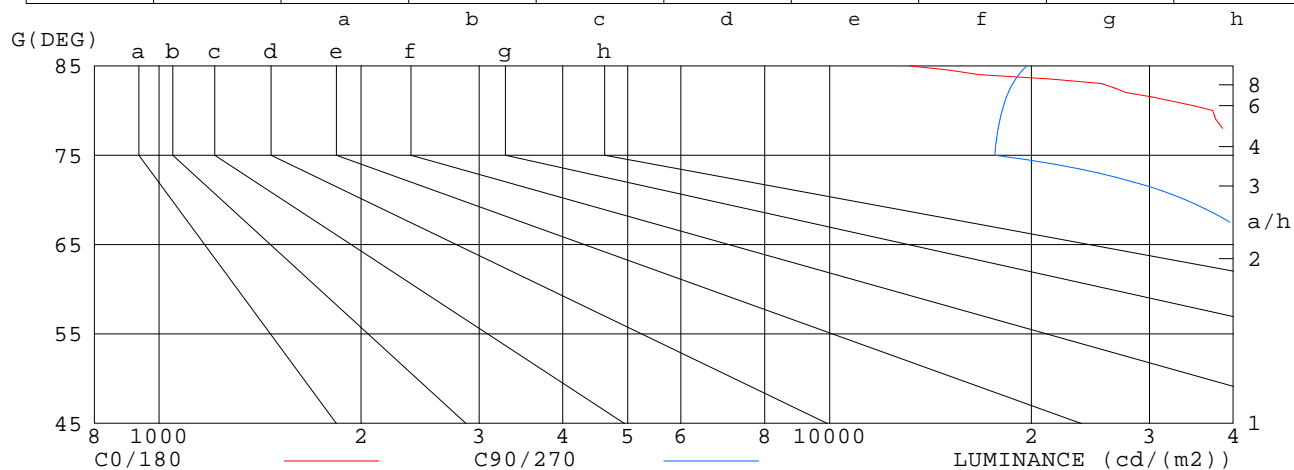
LUMINANCE LIMITATION CURVES

Report number:

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SPECIFICATION:	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	13168	19700
80	37269	18086
75	49213	17635
70	56282	33927
65	63546	44114
60	63890	51365
55	63677	49257
50	64458	47951
45	69304	47224

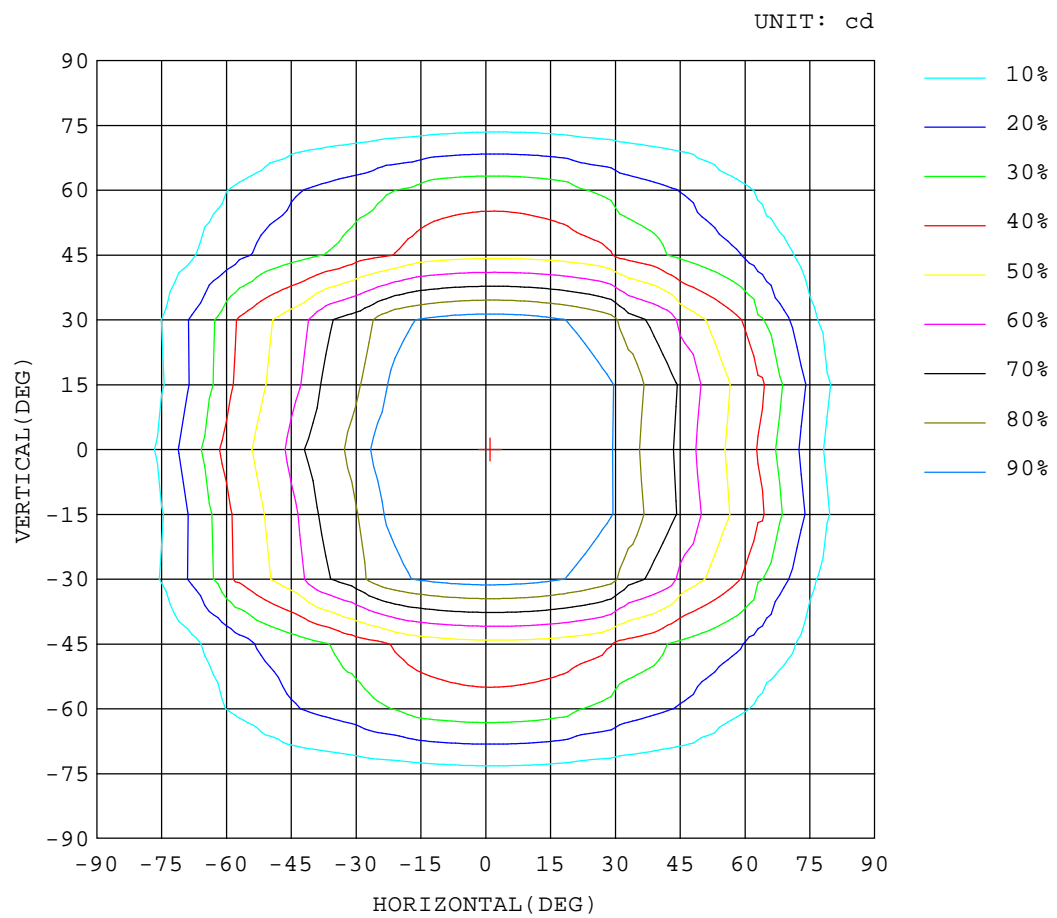
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ISOCANDELA DIAGRAM

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Uncorrected UGR Table

Report number:

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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	2H	27.6	29.1	27.9	29.3	29.5	26.2	27.6	26.4	27.8	28.0
	3H	29.1	30.4	29.4	30.6	30.8	27.2	28.5	27.5	28.8	29.0
	4H	29.5	30.8	29.8	31.0	31.3	27.4	28.6	27.7	28.9	29.1
	6H	29.8	31.0	30.1	31.2	31.5	27.4	28.6	27.7	28.8	29.1
	8H	29.8	31.0	30.2	31.2	31.5	27.4	28.6	27.8	28.8	29.1
	12H	29.8	30.9	30.1	31.2	31.5	27.4	28.5	27.8	28.8	29.1
4H	2H	27.8	29.0	28.1	29.3	29.5	26.6	27.9	26.9	28.1	28.4
	3H	29.3	30.4	29.7	30.7	31.0	27.8	28.9	28.1	29.2	29.5
	4H	29.8	30.8	30.2	31.1	31.5	28.0	29.0	28.3	29.3	29.6
	6H	30.2	31.0	30.6	31.4	31.7	28.1	28.9	28.5	29.3	29.7
	8H	30.2	31.0	30.6	31.4	31.8	28.1	28.9	28.5	29.3	29.7
	12H	30.2	30.9	30.6	31.3	31.7	28.2	28.9	28.6	29.3	29.7
8H	4H	29.8	30.7	30.3	31.0	31.4	28.1	28.9	28.5	29.2	29.6
	6H	30.2	30.9	30.6	31.3	31.7	28.2	28.9	28.7	29.3	29.7
	8H	30.3	30.9	30.7	31.3	31.8	28.3	28.9	28.8	29.3	29.8
	12H	30.3	30.8	30.8	31.2	31.7	28.4	28.9	28.9	29.4	29.8
12H	4H	29.8	30.6	30.2	30.9	31.3	28.0	28.8	28.5	29.2	29.6
	6H	30.2	30.8	30.6	31.2	31.6	28.2	28.8	28.7	29.2	29.7
	8H	30.3	30.8	30.7	31.2	31.7	28.3	28.8	28.8	29.3	29.7
Variations with the observer position at spacings:											
S = 1.0H		+ 0.6 / - 0.7					+ 0.5 / - 0.6				
1.5H		+ 0.1 / - 0.3					+ 0.4 / - 0.5				
2.0H		+ 0.6 / - 1.8					+ 0.5 / - 0.8				

CIE Pub.117 Corrected 18054 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.1)

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