

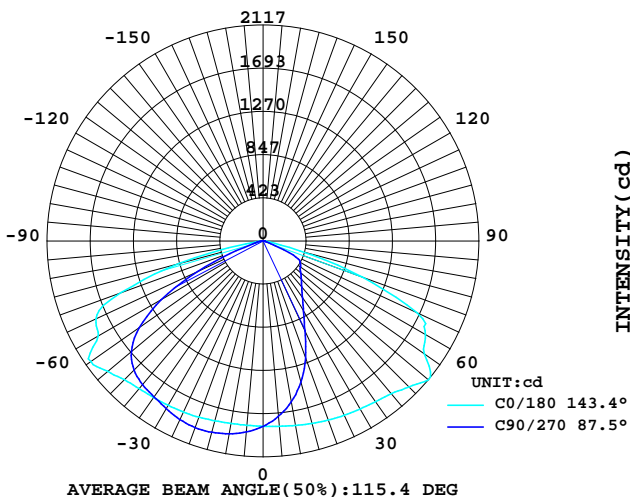
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

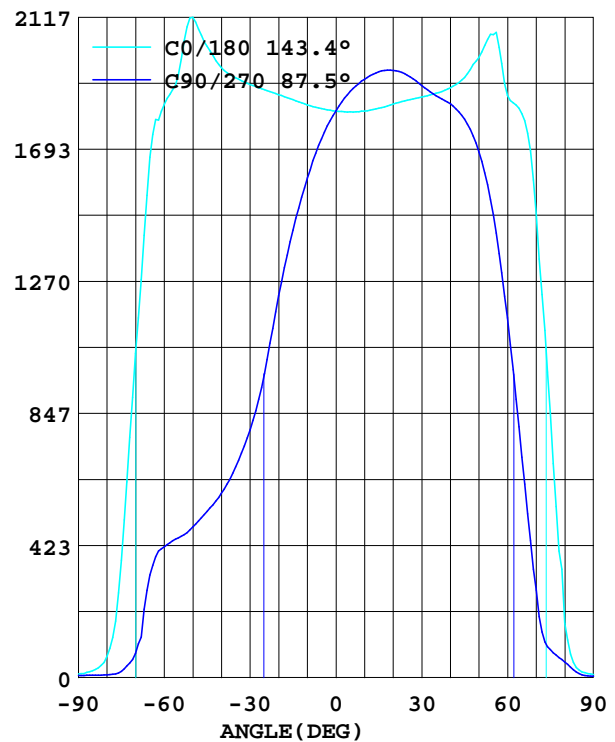
MANUFACTURER:			
Address:			
NAME: SA40-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	2117	S/MH(C0/180)	1.63
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.80
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	5798.3	Voltage(V)	231.1
RATED VOLTAGE(V)	232	EFFICIENCY(lm/W)	145.1	Current(A)	0.175
NOMINAL FLUX(lm)	5798.4	η up(%)	0.0	Power(W)	39.97
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.984
TEST VOLTAGE(V)	231.1	Effective Flux(lm)	5798.4	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



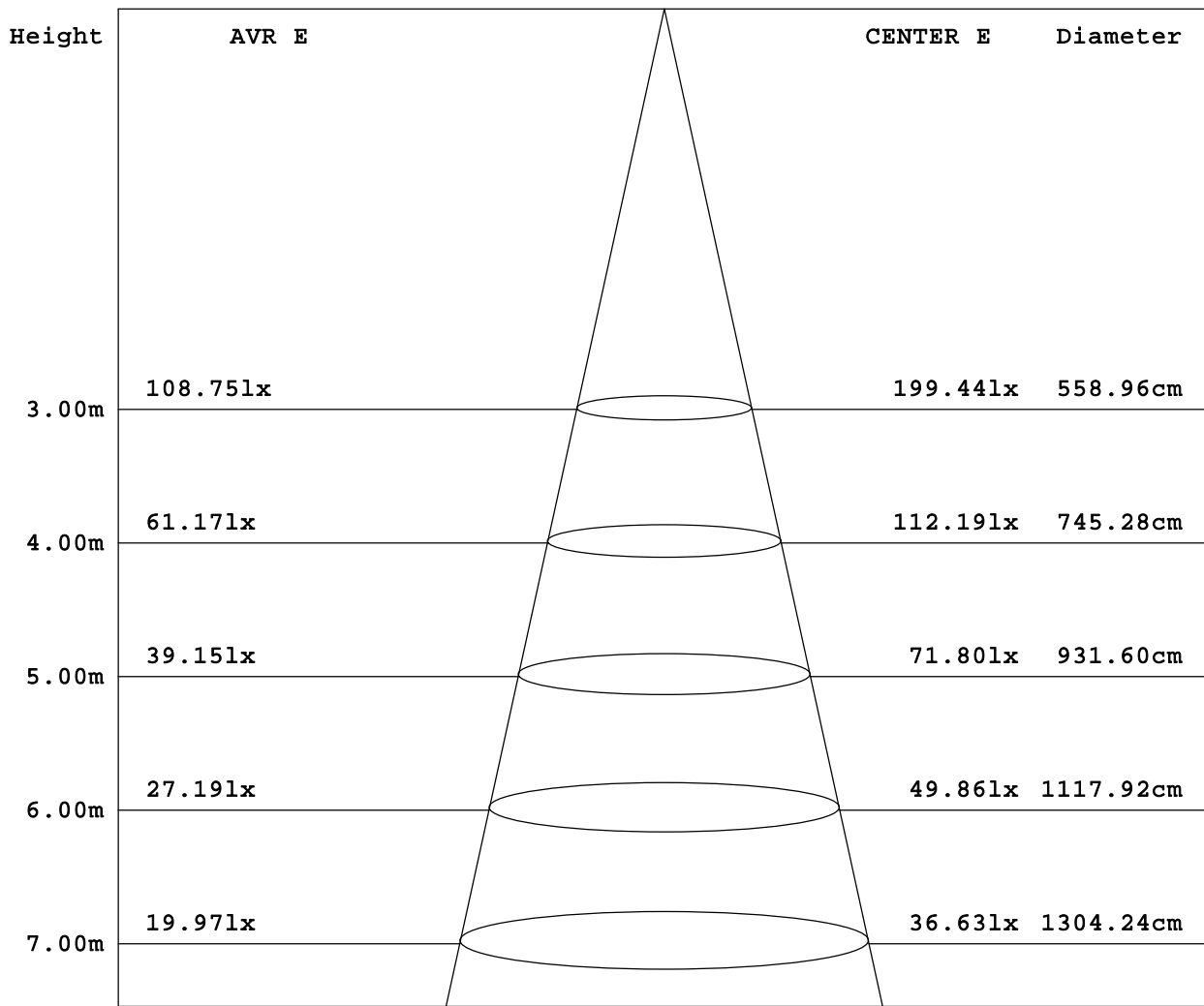
Test System:HOPPO  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023.12.19

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: SA40-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:



Angle: 85.9deg

Test System:HOPOO  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023.12.19

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA40-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	1824	1761	1727	1742	1813	1864	1879	1872	0- 5	43.35	43.35
10.0	1836	1693	1601	1644	1816	1903	1918	1910	5- 10	128.7	172.1
15.0	1852	1613	1434	1519	1825	1934	1941	1932	10- 15	210.3	382.4
20.0	1868	1517	1223	1370	1838	1958	1946	1943	15- 20	285.4	667.9
25.0	1884	1382	974.5	1183	1850	1971	1931	1942	20- 25	350.9	1019
30.0	1901	1211	793.8	960.2	1861	1969	1898	1929	25- 30	405.1	1424
35.0	1922	1004	675.6	754.2	1873	1955	1865	1906	30- 35	449.6	1874
40.0	1955	783.0	590.3	623.3	1891	1932	1839	1880	35- 40	487.8	2361
45.0	2023	613.0	533.0	530.8	1923	1910	1790	1856	40- 45	523.3	2885
50.0	2117	516.4	482.8	466.1	1988	1893	1684	1814	45- 50	558.3	3443
55.0	1933	436.6	448.1	398.6	2061	1859	1483	1691	50- 55	579.7	4023
60.0	1837	364.8	418.7	331.3	1865	1766	1153	1457	55- 60	563.8	4587
65.0	1668	282.4	329.2	265.6	1808	1468	706.4	1050	60- 65	513.3	5100
70.0	1039	190.6	77.56	157.9	1484	1008	280.8	483.9	65- 70	389.4	5490
75.0	376.1	49.60	19.61	39.88	846.3	462.6	89.31	120.1	70- 75	211.2	5701
80.0	67.78	17.36	8.861	6.067	173.7	90.93	49.58	57.48	75- 80	73.72	5775
85.0	22.56	5.889	7.567	3.381	24.17	32.54	12.74	24.66	80- 85	17.80	5792
90.0	11.63	4.691	6.770	3.779	10.11	12.77	4.281	9.548	85- 90	6.037	5798
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	

Test System:HOP00  
Temperature:25.3DEG  
Operators:  
Test Date:2023.12.19

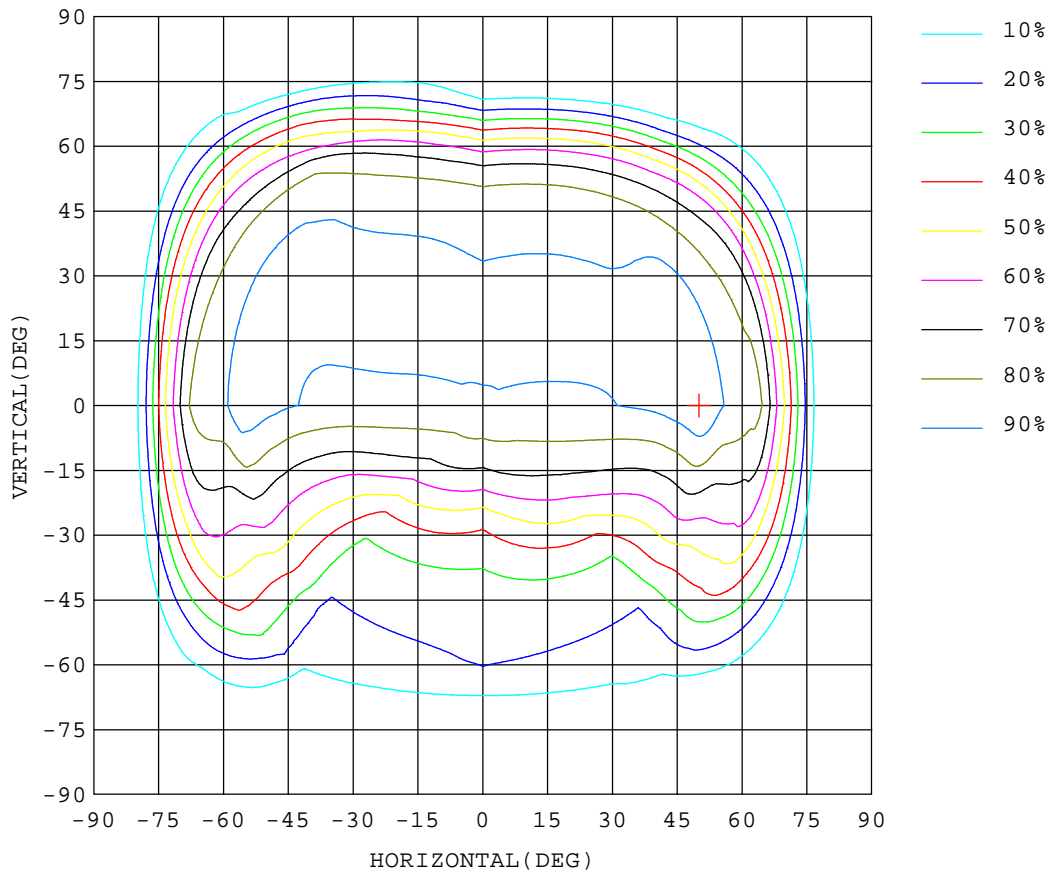
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.000 m  
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA40-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

UNIT: cd



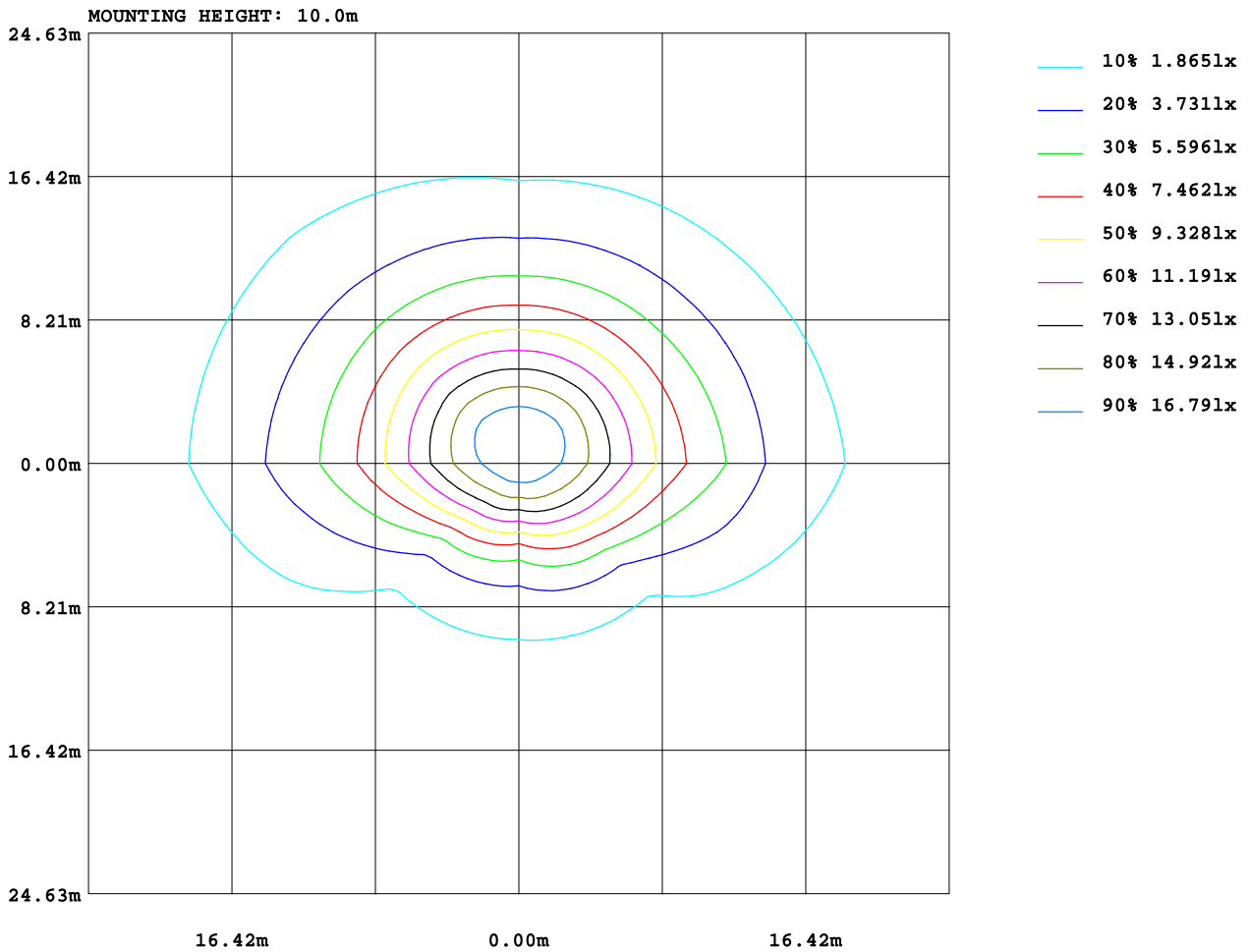
Test System:HOP00  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023.12.19

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA40-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:



Test System:HOP00  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023.12.19

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: SA40-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	1816	1816	1816	1816	1816	1816	1816	1816
5.0	1824	1761	1727	1742	1813	1864	1879	1872
10.0	1836	1693	1601	1644	1816	1903	1918	1910
15.0	1852	1613	1434	1519	1825	1934	1941	1932
20.0	1868	1517	1223	1370	1838	1958	1946	1943
25.0	1884	1382	975	1183	1850	1971	1931	1942
30.0	1901	1211	794	960	1861	1969	1898	1929
35.0	1922	1004	676	754	1873	1955	1865	1906
40.0	1955	783	590	623	1891	1932	1839	1880
45.0	2023	613	533	531	1923	1910	1790	1856
50.0	2117	516	483	466	1988	1893	1684	1814
55.0	1933	437	448	399	2061	1859	1483	1691
60.0	1837	365	419	331	1865	1766	1153	1457
65.0	1668	282	329	266	1808	1468	706	1050
70.0	1039	191	77.5	158	1484	1008	281	484
75.0	376	49.6	19.6	39.8	846	463	89.3	120
80.0	67.7	17.3	8.86	6.06	174	90.9	49.5	57.4
85.0	22.5	5.88	7.56	3.38	24.1	32.5	12.7	24.6
90.0	11.6	4.69	6.77	3.77	10.1	12.7	4.28	9.54

Test System:HOP00  
Temperature:25.3DEG  
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