

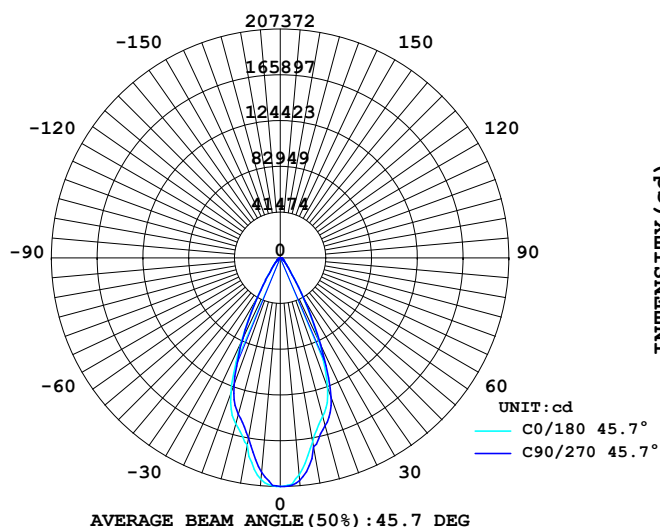
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

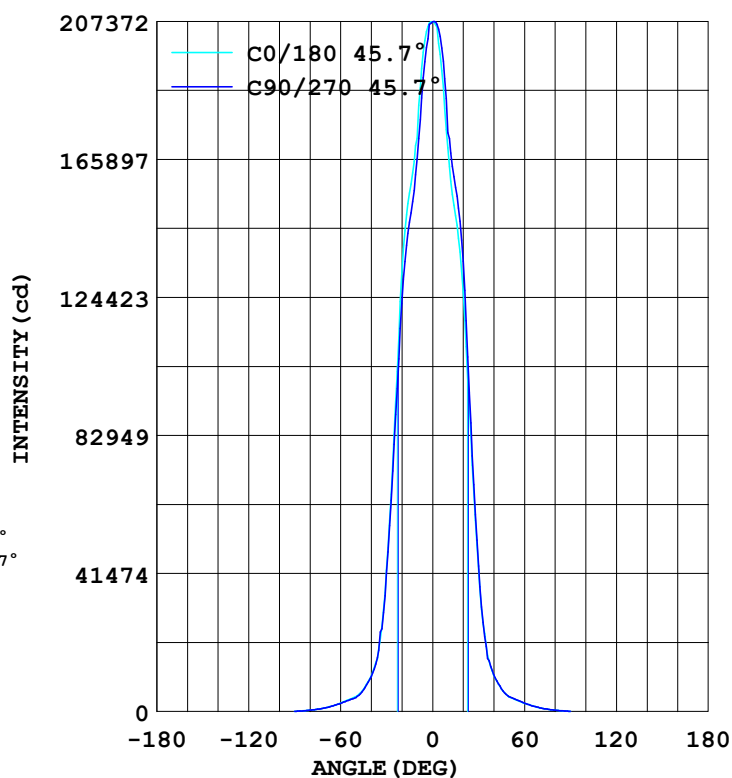
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	207520	S/MH (C0/180)	0.70
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.69
NOMINAL POWER(W)	1000	TOTAL FLUX(lm)	122995	Voltage(V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	122.7	Current(A)	4.381
NOMINAL FLUX(lm)	122995.0	$\eta$ up (%)	0.0	Power(W)	1002
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.993
TEST VOLTAGE (V)	230.4	Effective Flux(lm)	122995.0	EEI	0.122

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



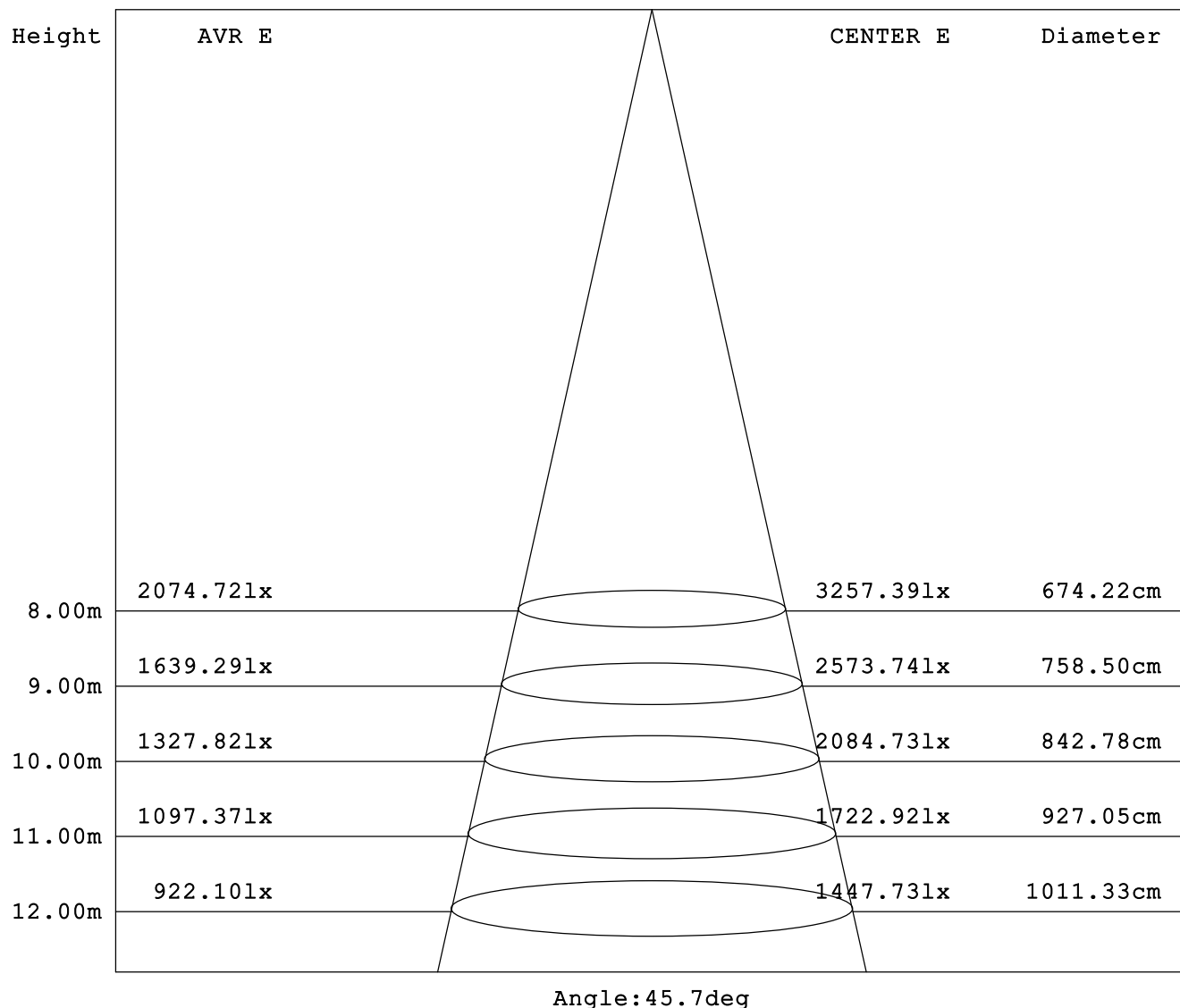
Test System:  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2022.06.30

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

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:



Test System:  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022.06.30

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 Test Distance: 10.000 m  
 Remarks:

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2015	1986	1952	1954	1974	1998	2028	2032	0- 5	4870	4870
10.0	1722	1709	1660	1651	1694	1728	1739	1768	5- 10	13212	18081
15.0	1558	1525	1470	1470	1490	1538	1575	1602	10- 15	19064	37145
20.0	1314	1279	1226	1210	1260	1299	1353	1380	15- 20	23493	60638
25.0	832.1	835.1	802.5	793.1	832.1	842.0	866.8	882.7	20- 25	22214	82853
30.0	424.9	433.2	414.0	406.7	426.7	426.2	437.1	446.5	25- 30	15621	98474
35.0	187.5	192.1	184.1	180.9	194.7	194.3	195.3	201.9	30- 35	8587	107061
40.0	107.6	108.4	105.0	104.5	109.5	110.2	110.9	112.8	35- 40	4748	111809
45.0	67.37	67.31	65.57	64.62	67.72	67.71	68.40	69.37	40- 45	3205	115015
50.0	44.87	43.78	42.27	41.79	44.14	44.64	45.14	45.99	45- 50	2174	117189
55.0	34.86	34.67	33.44	33.32	33.92	34.86	35.51	36.16	50- 55	1701	118889
60.0	25.31	25.17	24.39	24.25	24.79	25.04	25.55	25.79	55- 60	1376	120266
65.0	16.35	16.86	16.77	16.60	17.38	16.92	16.45	17.74	60- 65	1018	121284
70.0	11.19	11.36	10.85	10.96	11.30	11.39	11.38	11.69	65- 70	716.1	122000
75.0	7.000	7.227	6.851	6.943	6.829	6.984	7.035	7.199	70- 75	474.4	122475
80.0	4.072	4.147	3.907	3.938	4.011	4.074	4.135	4.204	75- 80	290.7	122766
85.0	2.098	2.013	1.894	1.853	1.892	1.932	2.128	2.042	80- 85	164.0	122930
90.0	0.642	0.580	0.541	0.499	0.582	0.530	0.638	0.559	85- 90	65.32	122995
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:×100cd									UNIT:lm	

Test System:  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022.06.30

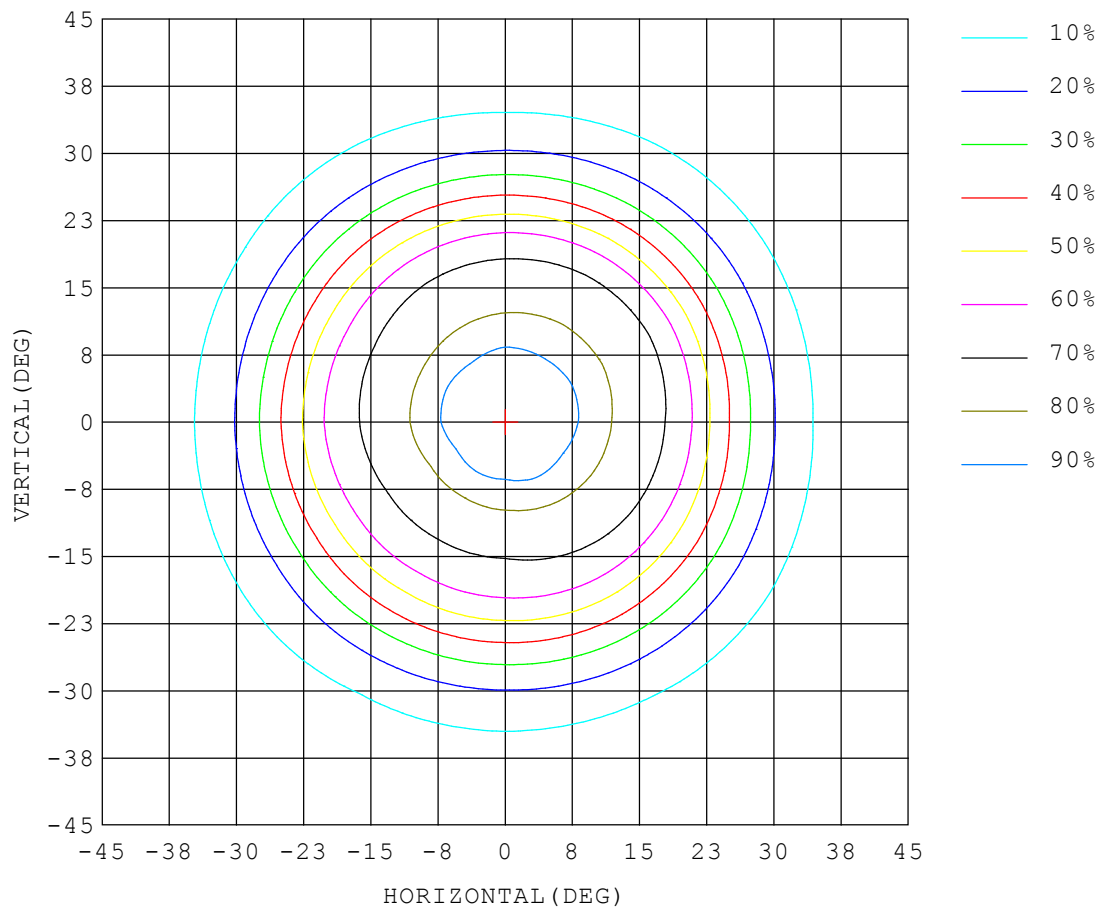
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:

UNIT: cd



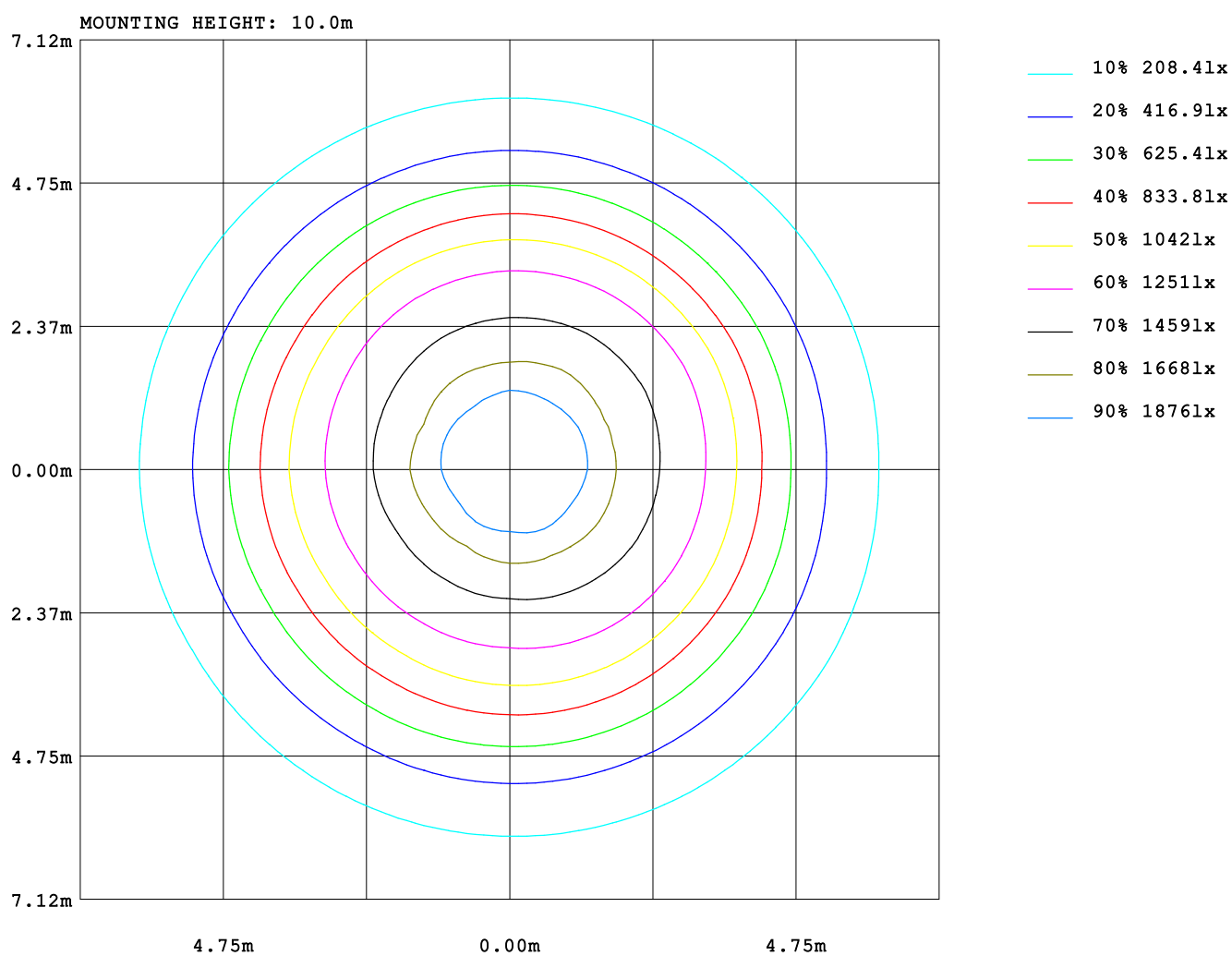
Test System:  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2022.06.30

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

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-45	WEIGHT:
SPECIFICATION: 3535LED 4000K 45°	DIMENSION:	SERIAL No.:



Test System:  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022.06.30

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

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: ILUMEN GMBH</b>	<b>Address:</b>	
<b>NAME: Draxler</b>	<b>TYPE:IL-SL14-L100040-45</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:3535LED 4000K 45°</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: ×100cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2073	2073	2073	2073	2073	2073	2073	2073	2073	2073	2073	2073
5.0	2015	1986	1986	1952	1960	1947	1974	2000	1997	2028	2023	2040
10.0	1722	1724	1694	1660	1648	1654	1694	1713	1743	1739	1792	1743
15.0	1558	1543	1507	1470	1466	1474	1490	1519	1557	1575	1600	1603
20.0	1314	1293	1264	1226	1203	1217	1260	1275	1323	1353	1378	1382
25.0	832	842	829	803	790	796	832	832	852	867	883	883
30.0	425	438	429	414	406	407	427	424	429	437	447	446
35.0	188	196	188	184	180	182	195	192	197	195	205	199
40.0	108	110	107	105	105	104	110	110	110	111	113	112
45.0	67.3	68.2	66.3	65.5	64.7	64.4	67.7	67.5	67.8	68.4	69.8	68.8
50.0	44.8	44.6	42.9	42.2	42.0	41.5	44.1	44.3	44.8	45.1	46.5	45.4
55.0	34.8	35.0	34.2	33.4	33.6	33.0	33.9	34.6	35.0	35.5	36.4	35.9
60.0	25.3	25.2	25.0	24.3	24.4	24.0	24.7	24.9	25.1	25.5	25.8	25.7
65.0	16.3	17.2	16.4	16.7	16.6	16.6	17.3	16.3	17.4	16.4	18.0	17.4
70.0	11.1	11.2	11.4	10.8	11.1	10.8	11.3	11.3	11.4	11.3	11.7	11.6
75.0	7.00	7.21	7.23	6.85	7.03	6.85	6.82	7.06	6.90	7.03	7.13	7.26
80.0	4.07	4.08	4.21	3.90	3.99	3.87	4.01	4.09	4.05	4.13	4.14	4.26
85.0	2.09	1.90	2.12	1.89	1.95	1.75	1.89	2.02	1.84	2.12	1.93	2.15
90.0	0.64	0.52	0.64	0.54	0.54	0.46	0.58	0.57	0.49	0.64	0.51	0.61

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