

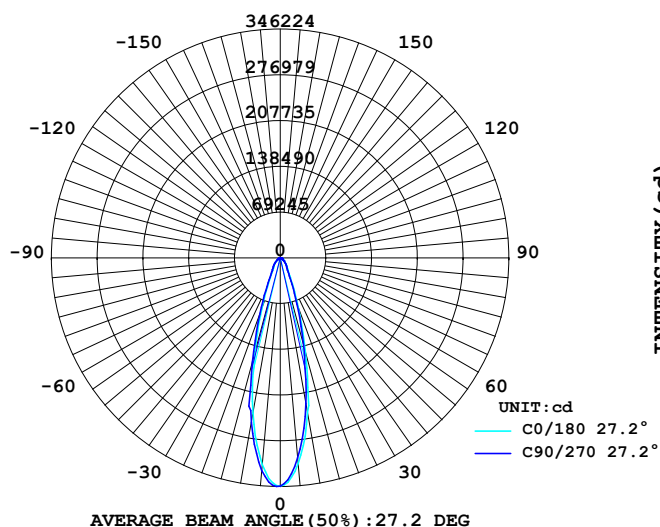
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

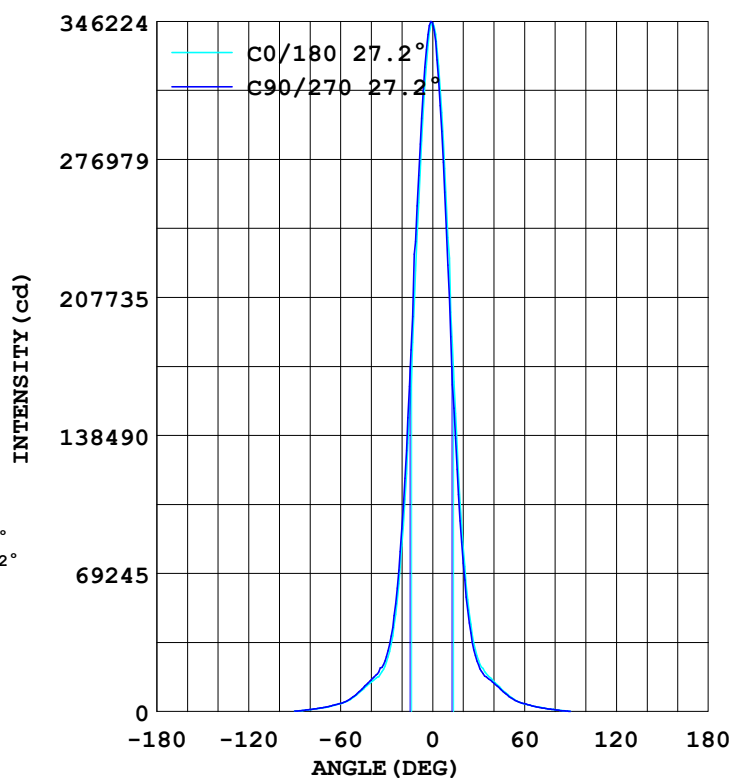
MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-25	WEIGHT:
SPECIFICATION: 3535LED 4000K 25°	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	349249	S/MH (C0/180)	0.46
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	0.48
NOMINAL POWER (W)	1000	TOTAL FLUX (lm)	120959	Voltage (V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	120.5	Current (A)	4.369
NOMINAL FLUX (lm)	120959.0	η up (%)	0.0	Power (W)	1003
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	230.8	Effective Flux (lm)	120958.9	EEI	0.124

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



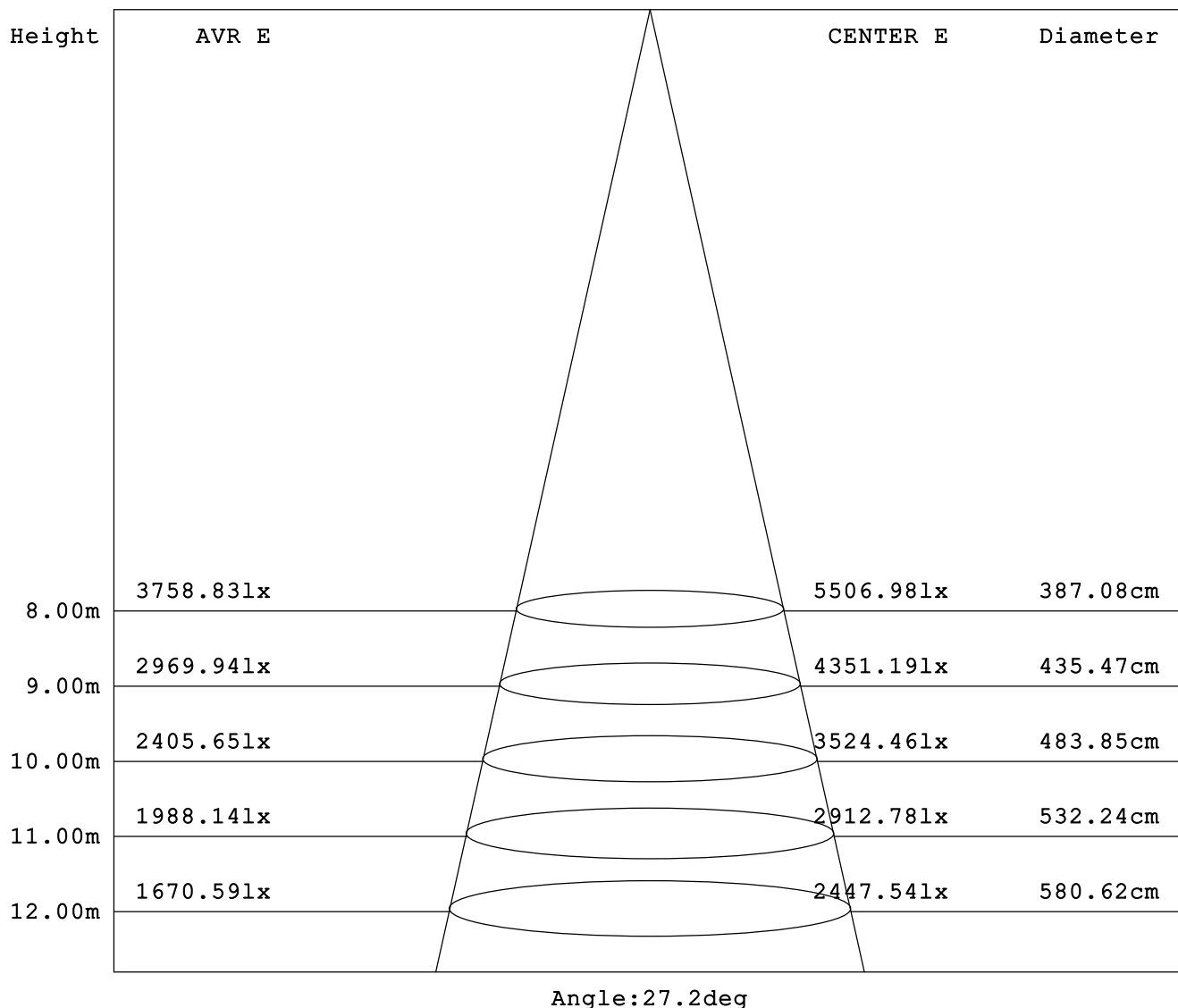
Test System:
Temperature: 25.3 DEG
Operators:
Test Date: 2022.06.30

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-L100040-25	WEIGHT:
SPECIFICATION:3535LED 4000K 25°	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:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-25	WEIGHT:
SPECIFICATION: 3535LED 4000K 25°	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	3143	3239	3231	3141	3122	3029	3039	3158	0- 5	7874	7874
10.0	2394	2535	2537	2381	2378	2271	2239	2498	5- 10	19684	27559
15.0	1496	1619	1631	1466	1496	1362	1371	1521	10- 15	22726	50284
20.0	830.5	916.4	915.4	837.2	819.4	738.1	744.1	860.2	15- 20	18629	68914
25.0	432.2	478.5	480.2	446.0	437.4	393.7	394.9	458.8	20- 25	12797	81711
30.0	247.7	270.5	275.5	266.3	256.8	236.5	233.0	262.0	25- 30	8423	90134
35.0	174.7	193.1	199.0	197.4	190.0	176.3	174.8	187.1	30- 35	6390	96524
40.0	147.9	156.8	159.6	156.7	152.4	144.8	143.1	152.8	35- 40	5638	102163
45.0	113.7	120.4	120.7	115.5	113.5	107.6	108.2	118.5	40- 45	4934	107097
50.0	80.62	85.20	84.60	79.93	79.11	74.33	75.31	84.12	45- 50	3924	111021
55.0	54.97	57.71	57.02	54.05	53.23	50.62	51.99	57.59	50- 55	2898	113919
60.0	39.87	40.37	40.54	38.00	38.45	37.15	38.68	41.27	55- 60	2126	116045
65.0	29.94	31.10	30.80	27.92	28.77	26.80	28.23	30.69	60- 65	1673	117718
70.0	20.71	21.38	21.84	19.41	21.60	18.88	20.07	21.35	65- 70	1233	118951
75.0	14.57	14.55	15.28	13.31	14.21	12.74	13.91	14.48	70- 75	892.6	119844
80.0	9.531	9.511	10.00	8.326	9.012	7.927	8.633	9.411	75- 80	611.1	120455
85.0	4.804	4.699	4.893	3.671	4.100	3.490	4.065	4.685	80- 85	355.9	120811
90.0	1.675	1.618	1.779	1.275	1.312	1.079	1.314	1.732	85- 90	147.7	120959
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

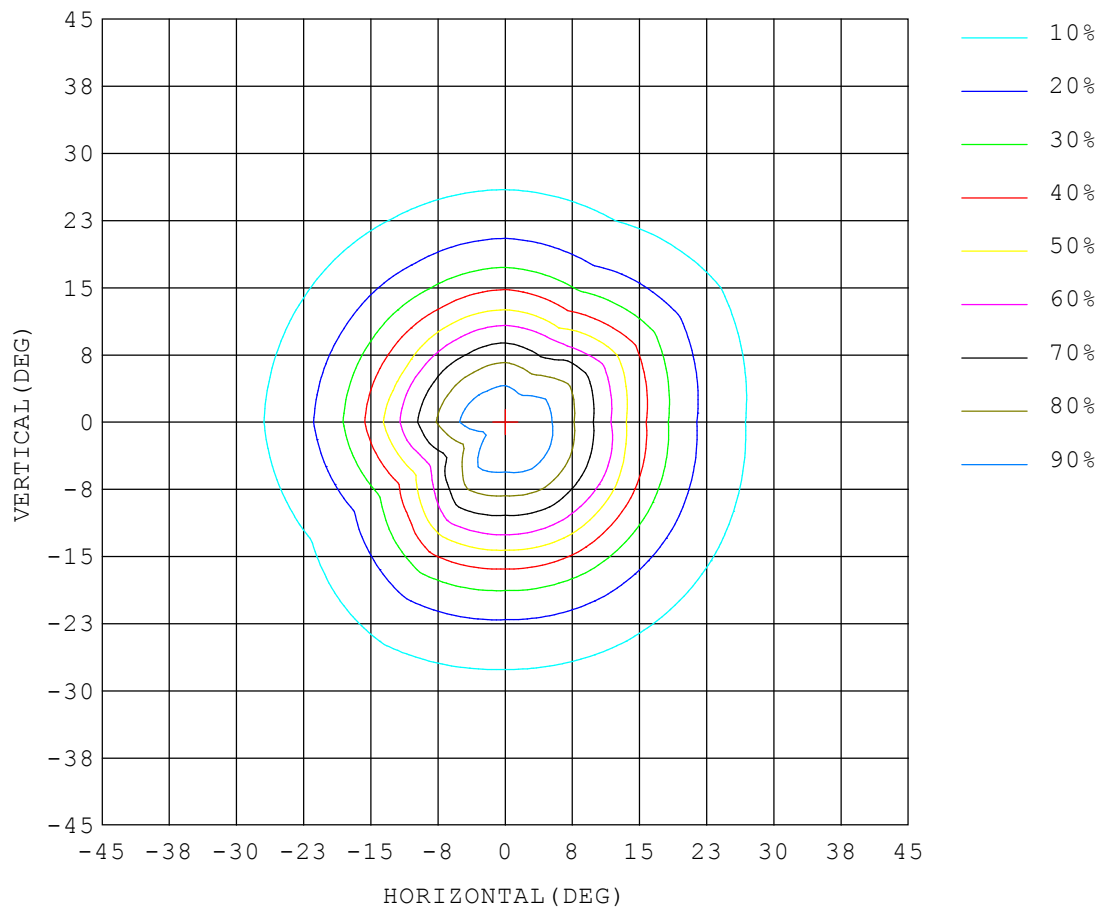
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-25	WEIGHT:
SPECIFICATION: 3535LED 4000K 25°	DIMENSION:	SERIAL No.:

UNIT: cd



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

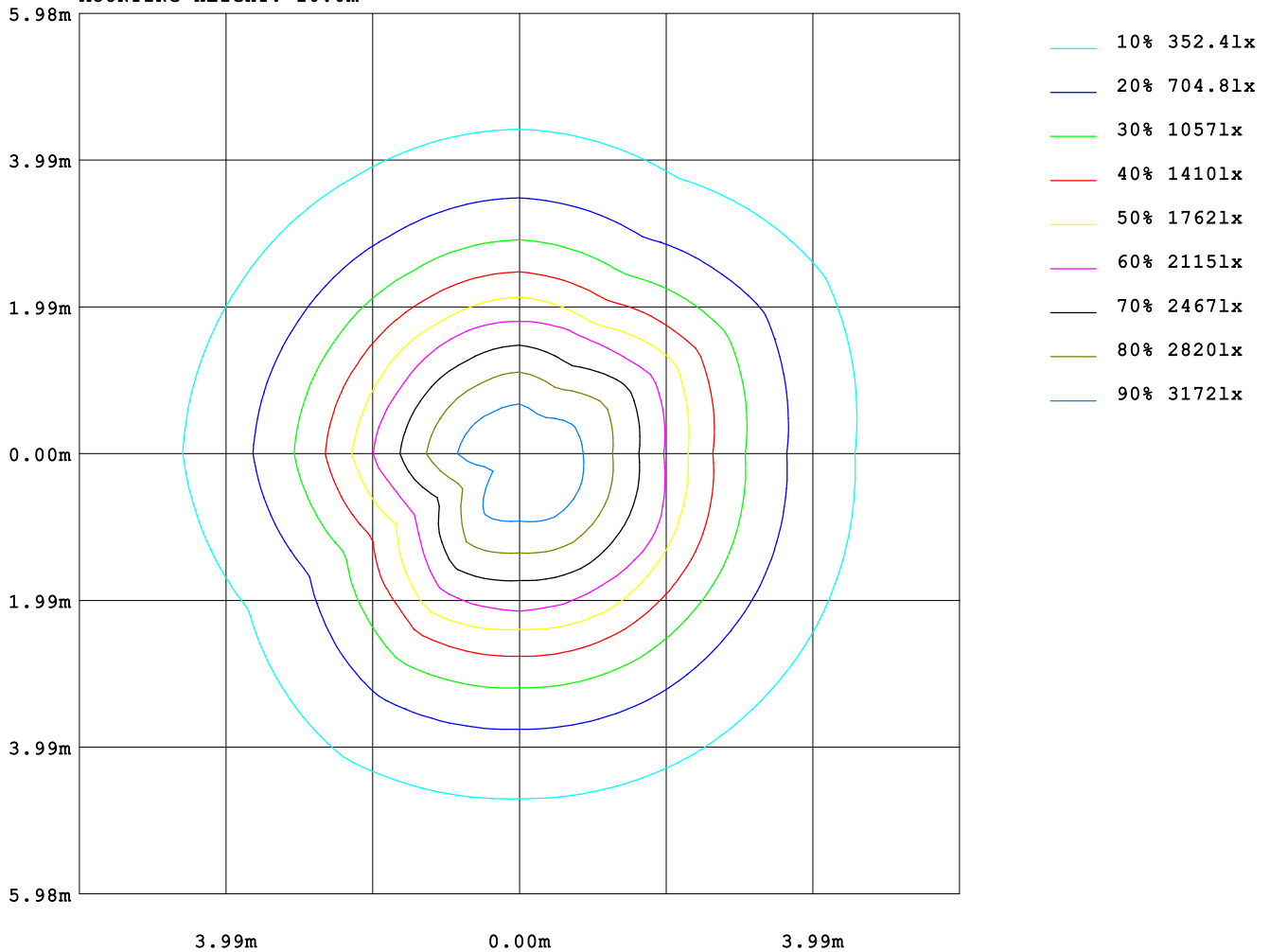
Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE: IL-SL14-L100040-25	WEIGHT:
SPECIFICATION: 3535LED 4000K 25°	DIMENSION:	SERIAL No.:

MOUNTING HEIGHT: 10.0m



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:

MANUFACTURER: ILUMEN GMBH	Address:	
NAME: Draxler	TYPE:IL-SL14-L100040-25	WEIGHT:
SPECIFICATION:3535LED 4000K 25°	DIMENSION:	SERIAL No.:

UNIT: ×100cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3455	3455	3455	3455	3455	3455	3455	3455	3455	3455	3455	3455
5.0	3143	3214	3265	3231	3296	2979	3122	3051	3007	3039	2982	3341
10.0	2394	2498	2573	2537	2629	2123	2378	2259	2282	2239	2325	2678
15.0	1496	1597	1641	1631	1656	1268	1496	1388	1336	1371	1304	1747
20.0	831	897	936	915	975	693	819	753	723	744	704	1023
25.0	432	467	490	480	514	376	437	402	385	395	373	548
30.0	248	265	276	276	292	240	257	241	232	233	225	300
35.0	175	191	195	199	206	189	190	176	177	175	173	202
40.0	148	155	159	160	165	148	152	147	143	143	141	165
45.0	114	119	122	121	125	106	114	108	107	108	107	131
50.0	80.6	84.2	86.1	84.6	87.0	72.4	79.1	74.3	74.3	75.3	74.6	94.0
55.0	54.9	57.2	58.2	57.0	58.5	49.3	53.2	50.8	50.3	51.9	50.9	64.5
60.0	39.8	40.1	40.6	40.5	39.0	36.8	38.4	37.2	37.0	38.6	37.7	44.9
65.0	29.9	30.9	31.2	30.8	29.4	26.3	28.7	26.7	26.8	28.2	27.1	34.3
70.0	20.7	21.8	20.9	21.8	20.1	18.6	21.6	18.6	19.0	20.0	19.4	23.3
75.0	14.5	14.4	14.6	15.2	13.9	12.6	14.2	12.8	12.6	13.9	12.7	16.3
80.0	9.53	9.37	9.64	10.0	8.87	7.75	9.01	7.97	7.88	8.63	8.11	10.7
85.0	4.80	4.48	4.91	4.89	4.09	3.22	4.10	3.64	3.33	4.06	3.62	5.79
90.0	1.67	1.52	1.71	1.77	1.36	1.18	1.31	1.12	1.03	1.31	1.17	2.31

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