

file : TRACKLIGHT_LED_35W_CW

meas. no. 99L1205
meas. date 7/1/2020
operator LightLab.

meas. conditions
 ambient temperature 25.0 °C
 voltage 230.00 V
 current 0.149 A
 power consumption 33.0 W
 Leistungsfaktor 0.973

meas. lamps lum. flux [lm]
 absolute measurement 2839.0 lm
 efficiency 86 lm/w

dimensions of luminaire
 diameter 90 mm
 height 135 mm

dimensions of luminous area
 diameter 80 mm
 height C0 60 mm
 height C90 60 mm
 height C180 60 mm
 height C270 60 mm

reflector

cover

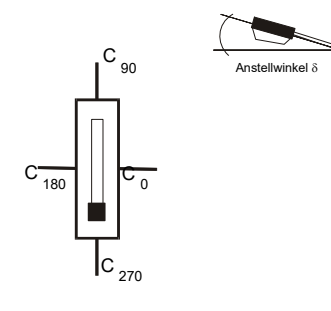
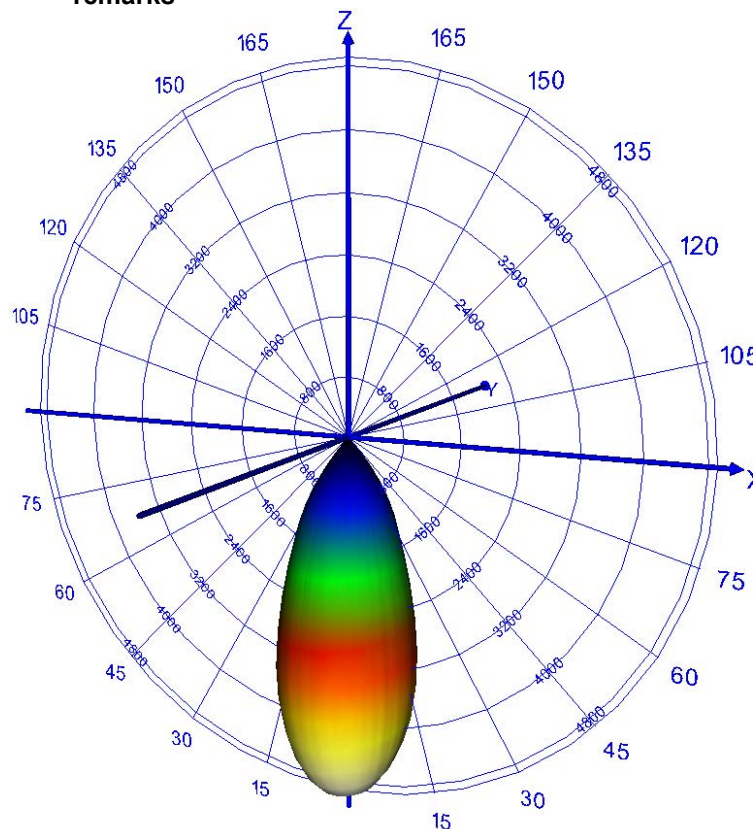
variant

measurement results
 flux of luminaire 2839.0 lm
 classification / DIN A60
 lower flux fraction 100.00 %
 upper flux fraction 0.00 %
 intensity maximum 4908.1 cd
 in C-plane 260.0 °
 at gamma 2.5 °
 half value angle C0 : 21.1 °
 C180 : 21.5 °
 C90 : 21.3 °
 tenth value angle C0 : 37.4 °
 C180 : 37.3 °
 C90 : 37.4 °

article code
 Ecowat Co.

lamp(s)
 1 x LED
 total flux 2839 lm
 LOR 100 %
 tilt angle 0.0 °

remarks



article code

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lamp(s)

1 x LED

total flux

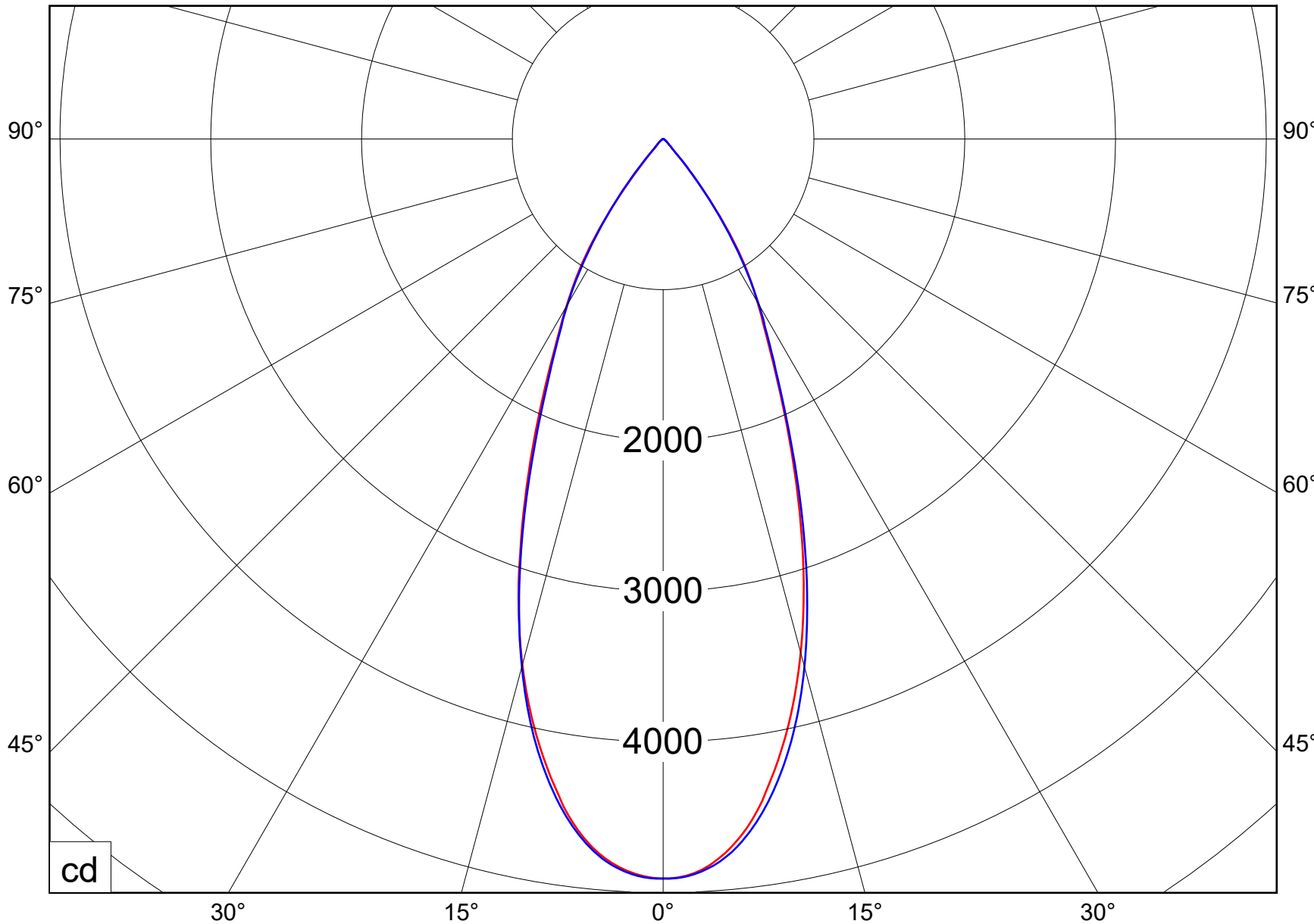
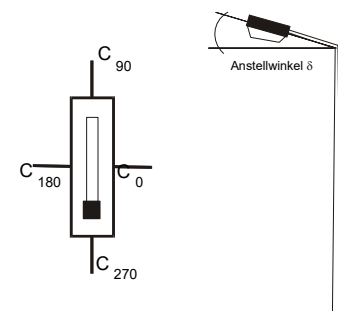
2839 lm

LOR

100 %

tilt angle

0.0 °



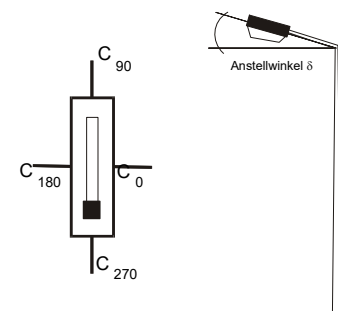
— C0.0-C180.0 — C90.0-C270.0



distance [m]	cone diameter [m]	E [lx]
1.0	0.77	E(0°) 4905 E(C0) 21.1° 2291
2.0	1.54	E(0°) 1226 E(C0) 21.1° 573
3.0	2.32	E(0°) 545 E(C0) 21.1° 255
4.0	3.09	E(0°) 307 E(C0) 21.1° 143
5.0	3.86	E(0°) 196 E(C0) 21.1° 92

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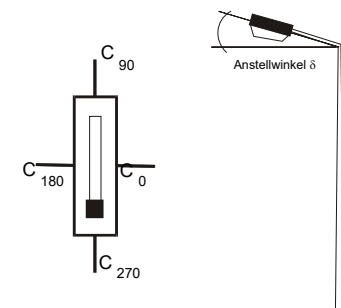
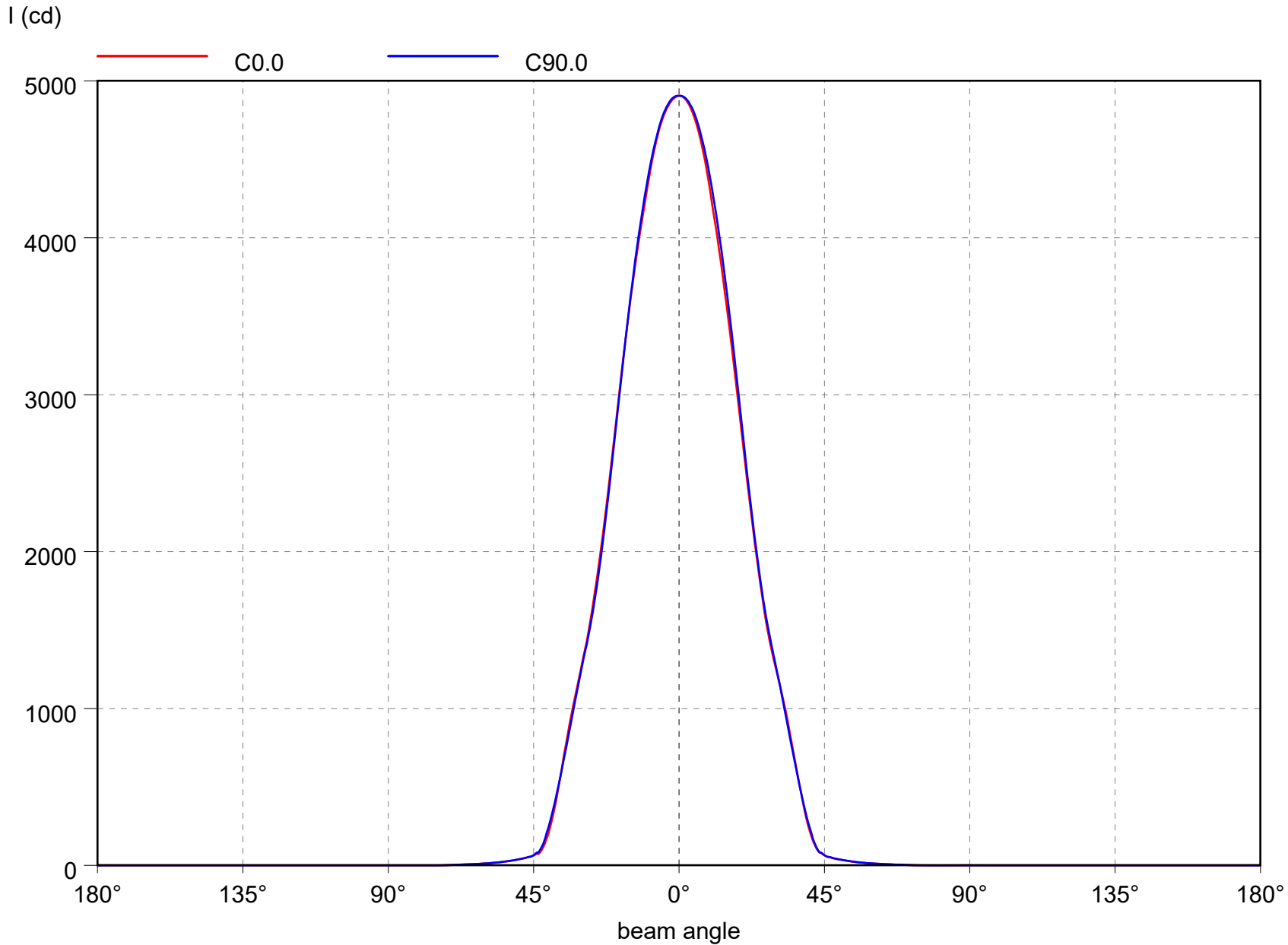
lamp(s)
1 x LED
total flux
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LOR
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tilt angle
0.0 °



half value angle 42.2°

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0.0 °



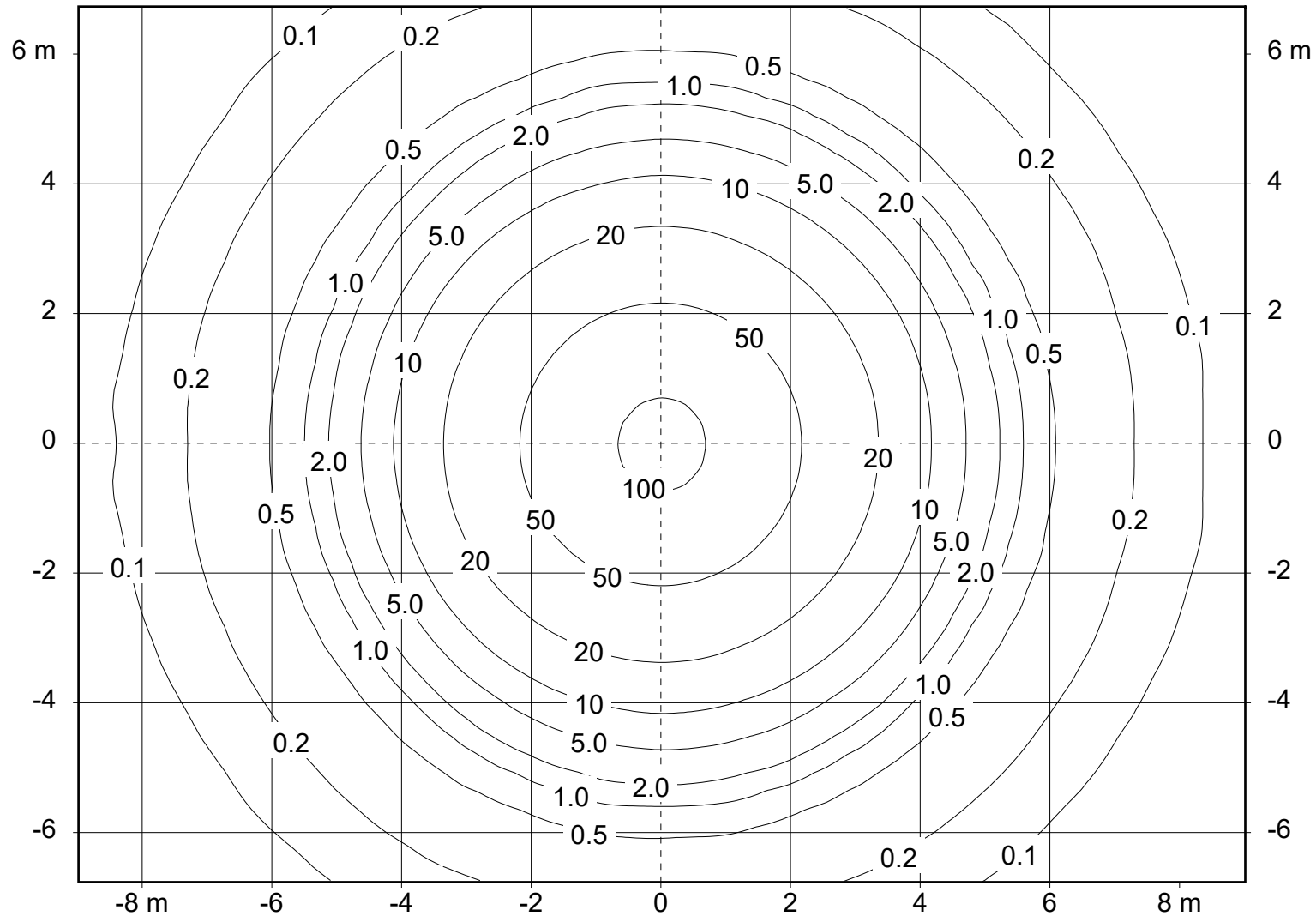
tilt angle : 0.0°

mounting height : 6.00 m

light loss factor : 0.8

swivel angle : 0.0°

orientation : 0.0°



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lamp(s)

1 x LED

total flux

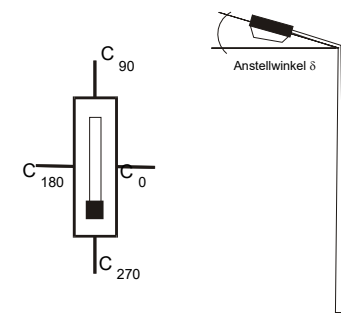
2839 lm

LOR

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tilt angle

0.0°



luminaire : TrackLight_LED_35W_CW

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gamma / °	C 0	C 15	C 30	C 45	C 60	C 75	C 90	C 105	C 120	C 135	C 150	C 165	C 180	C 195	C 210	C 225	C 240	C 255
0.0	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728	1728
2.5	1715	1715	1713	1712	1715	1718	1719	1719	1717	1713	1714	1715	1715	1715	1714	1713	1717	1719
5.0	1673	1676	1680	1686	1687	1686	1684	1682	1680	1678	1678	1679	1679	1679	1678	1678	1680	1682
7.5	1602	1604	1614	1616	1617	1620	1620	1618	1616	1609	1605	1608	1612	1608	1605	1609	1616	1618
10.0	1498	1502	1512	1516	1521	1527	1528	1527	1523	1516	1508	1509	1513	1509	1508	1516	1523	1527
12.5	1378	1386	1388	1396	1403	1408	1414	1412	1408	1402	1397	1394	1400	1394	1397	1402	1408	1412
15.0	1241	1248	1249	1259	1266	1270	1276	1274	1273	1271	1266	1262	1271	1262	1266	1271	1273	1274
17.5	1092	1096	1095	1102	1110	1114	1119	1119	1118	1116	1117	1114	1123	1114	1117	1116	1118	1119
20.0	934	936	933	937	943	945	953	951	955	953	956	958	963	958	956	953	955	951
22.5	779	780	777	779	781	784	791	790	795	796	801	806	807	806	801	796	795	790
25.0	640	642	639	640	640	644	648	649	654	655	662	664	664	664	662	655	654	649
27.5	525	529	528	528	529	532	536	534	538	540	545	545	545	545	545	540	538	534
30.0	441	442	444	442	442	444	447	445	447	449	451	452	452	452	451	449	447	445
32.5	365	369	369	364	360	357	357	356	358	363	363	362	368	362	363	363	358	356
35.0	270	277	281	275	271	266	262	259	262	267	263	262	272	262	263	267	262	259
37.5	173	181	183	180	178	178	173	170	169	171	165	163	167	163	165	171	169	170
40.0	89	95	93	93	95	99	97	91	94	87	83	81	83	81	83	87	94	91
42.5	39	41	39	38	41	42	41	41	39	35	36	36	35	36	36	35	39	41
45.0	23	23	23	23	24	24	23	23	24	23	23	23	22	23	23	23	24	23
47.5	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
50.0	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
52.5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

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total flux

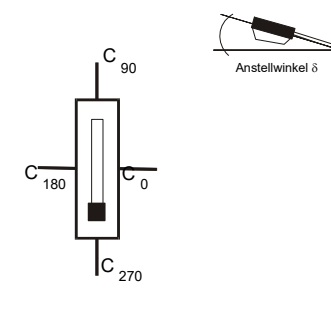
2839 lm

LOR

100 %

tilt angle

0.0 °



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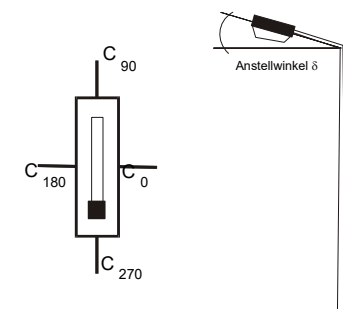
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LOR

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tilt angle

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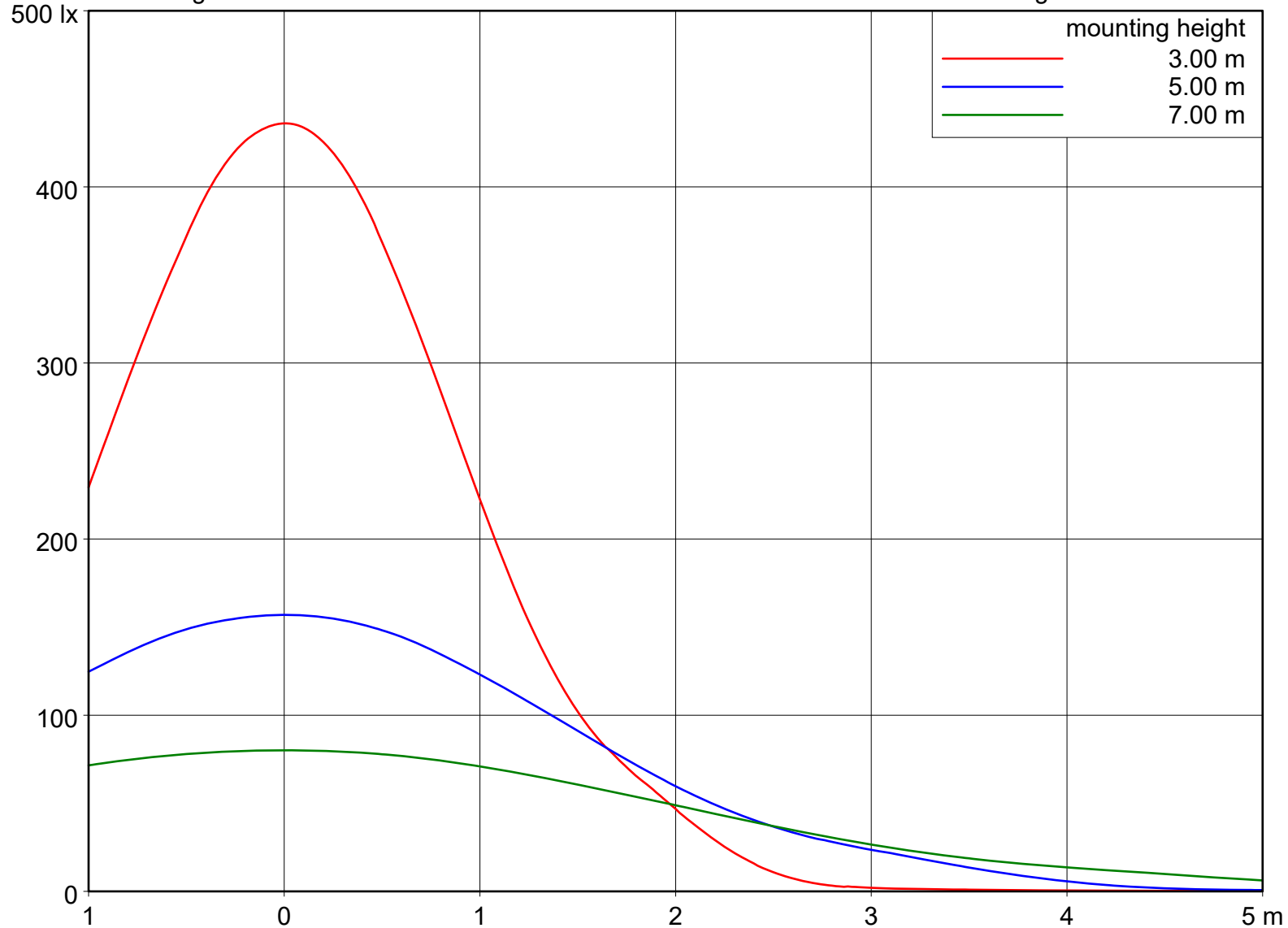
gamma / °	C 270	C 285	C 300	C 315	C 330	C 345
0.0	1728	1728	1728	1728	1728	1728
2.5	1719	1718	1715	1712	1713	1715
5.0	1684	1686	1687	1686	1680	1676
7.5	1620	1620	1617	1616	1614	1604
10.0	1528	1527	1521	1516	1512	1502
12.5	1414	1408	1403	1396	1388	1386
15.0	1276	1270	1266	1259	1249	1248
17.5	1119	1114	1110	1102	1095	1096
20.0	953	945	943	937	933	936
22.5	791	784	781	779	777	780
25.0	648	644	640	640	639	642
27.5	536	532	529	528	528	529
30.0	447	444	442	442	444	442
32.5	357	357	360	364	369	369
35.0	262	266	271	275	281	277
37.5	173	178	178	180	183	181
40.0	97	99	95	93	93	95
42.5	41	42	41	38	39	41
45.0	23	24	24	23	23	23
47.5	17	17	17	17	17	17
50.0	13	13	13	13	13	13
52.5	10	10	10	10	10	10

tilt angle : 0.0 °

swivel angle : 0.0 °

orientation : 0.0 °

light loss factor : 0.8



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