

IDEA

/APLIQUE CAMIL RECTA (13.AA94.0__0.05)



Luminaire Name: APLIQUE CAMIL RECTA 13.AA94.0__0.05

Report NO.: 01313220022403A

Test NO.:

Lamp: LUMINUS CXM-6-30-80-18-TC30-F4-3 350mA

Sum Lumens: 779.632 lm

Number of Lamps: 1

Diameter: 0mm

Length: 28mm

Photometric Type: Type C

Voltage: 231.33 V

Current: 0.0663 A

Power: 7.635 W

Power Factor: 0.4978

Ballast Type: HEP G5R7W350LRP

Width: 20mm

Height: 0mm

Optical Component: DC(V:17.63V I:0.356A P:6.276W)

Photometric Results

Lumens: 377.05 lm

Efficiency: 48.36%

Central Intensity: 0.532cd

Maximum Intensity: 229.171cd

Beam Angle(10%): Left: -88.8 Right:60.4

Maximum s/h: C0_180: 0.37 C90_270: 0.2

Effective Luminous Flux: 356.46 lm

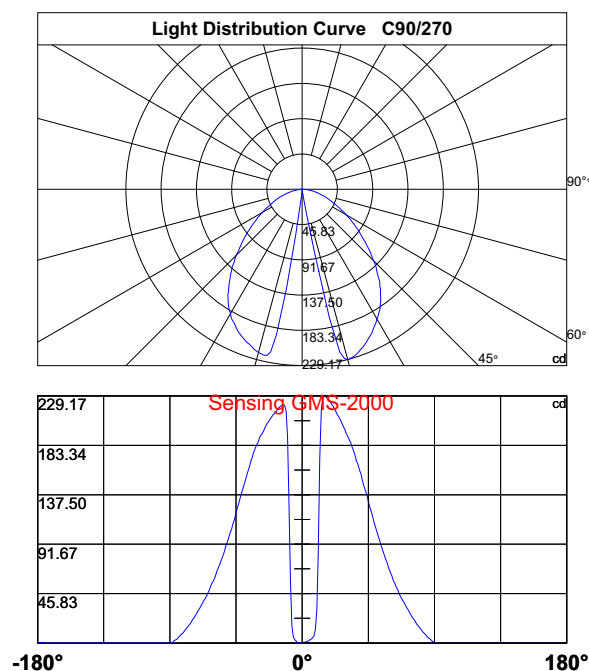
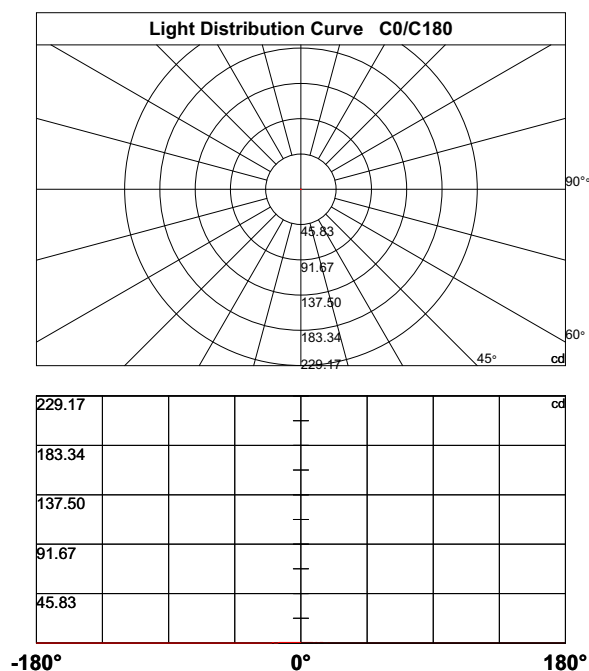
Angle of maximum intensity: C:90.0 G:15.0

Half Peak Side Angle(50%): Left: -61.1 Right:33.5

Up Flux Rate: 0.0%

Down Flux Rate: 48.36%

CIE Classification: Direct



Intensity Data [cd] γ

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C\	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0
30.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
60.0	0.5	0.4	0.4	0.9	1.3	1.7	2.1	3.0	4.3	6.4
90.0	0.5	0.4	0.9	1.3	1.7	2.6	3.4	4.7	6.4	12.8
120.0	0.5	0.4	1.3	1.7	2.6	3.4	0.9	2.1	3.4	6.0
150.0	0.5	0.4	0.9	0.9	0.9	1.3	0.4	2.1	2.6	0.4
180.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
210.0	0.5	0.0	0.0	0.4	0.4	0.4	0.9	1.3	2.1	3.0
240.0	0.5	0.4	0.4	0.9	0.9	2.1	3.4	6.4	14.1	41.7
270.0	0.5	0.0	0.0	0.0	1.7	3.0	5.5	16.2	58.4	128.6
300.0	0.5	1.3	1.3	1.7	2.6	3.4	4.3	6.0	9.8	17.5
330.0	0.5	0.4	0.9	0.9	0.9	1.3	1.3	2.1	2.6	3.0
360.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0

C\ γ	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	0.4	0.4	0.0	0.4	0.4	0.4	0.0	0.0	0.0	0.4
30.0	1.3	1.7	2.1	3.0	3.8	5.1	8.5	12.4	20.0	36.2
60.0	9.8	24.7	63.5	125.7	183.6	215.1	220.7	221.9	221.1	219.4
90.0	31.1	85.2	170.4	216.8	226.6	229.2	228.3	227.5	226.2	224.1
120.0	14.1	36.2	97.1	159.7	206.6	218.9	223.2	223.6	222.8	222.4
150.0	0.4	0.9	1.7	2.6	3.0	3.8	6.8	10.2	16.6	28.5
180.0	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.4
210.0	3.4	4.7	7.2	11.5	18.7	32.4	62.6	96.7	132.9	171.7
240.0	108.2	169.5	205.3	215.1	218.5	217.7	216.0	214.3	212.6	210.4
270.0	190.8	215.5	220.7	221.1	220.2	219.4	218.1	216.4	214.3	212.6
300.0	41.7	92.9	171.2	204.5	214.3	218.1	217.7	216.4	215.1	213.0
330.0	3.8	4.7	5.5	7.2	10.2	14.1	21.3	35.8	69.0	102.2
360.0	0.4	0.4	0.0	0.4	0.4	0.4	0.0	0.0	0.0	0.4

C\ γ	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	75.8	112.0	145.7	173.4	184.9	188.3	188.7	187.0	184.4	181.0
60.0	217.2	214.7	212.6	209.2	207.0	204.0	200.2	197.6	194.2	190.4
90.0	221.5	219.8	217.2	214.7	211.7	209.6	207.0	203.6	200.6	198.1
120.0	221.1	219.4	216.4	213.8	210.9	207.9	204.5	200.2	196.8	193.4
150.0	54.1	85.2	120.1	159.3	177.2	185.3	187.4	187.0	185.3	182.3
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	186.1	192.1	193.0	193.0	190.8	187.4	185.7	182.3	179.8	177.2
240.0	207.9	205.7	203.6	201.5	198.9	196.4	193.8	190.8	187.9	185.3
270.0	211.3	209.2	207.4	205.3	203.2	200.6	197.6	194.7	193.0	190.4
300.0	210.9	207.9	205.7	202.3	199.4	195.1	192.1	188.3	184.9	180.2
330.0	135.9	163.6	184.0	188.7	190.0	189.1	186.6	184.0	179.8	176.4
360.0	0.0	0.0	0.0	0.0	Sensing 0.0	0.0	0.0	0.0	0.0	0.0

Intensity Data [cd] γ

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C\	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	178.1	172.9	168.7	165.3	158.9	154.6	150.4	145.7	140.1	135.0
60.0	186.6	182.7	178.9	174.2	170.4	166.6	162.7	157.6	152.9	148.7
90.0	194.2	191.7	188.3	185.7	181.5	178.1	173.8	168.7	165.3	160.2
120.0	189.6	184.4	180.2	176.8	172.1	168.7	164.8	161.0	156.3	152.5
150.0	177.6	173.8	170.4	167.0	162.3	158.0	153.8	148.7	144.8	140.6
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	173.8	170.4	166.6	163.6	159.3	155.9	152.1	147.0	143.6	139.7
240.0	181.0	178.5	175.5	171.7	168.3	165.7	160.6	156.8	152.9	148.7
270.0	186.1	183.6	180.2	176.8	172.1	168.3	163.1	158.5	153.8	149.1
300.0	176.8	171.2	167.0	163.6	159.3	155.5	150.4	146.1	141.8	136.7
330.0	172.5	167.0	163.1	158.5	153.8	148.2	144.0	139.3	134.6	128.6
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	130.8	126.1	121.0	116.7	111.6	106.1	102.2	98.0	93.7	89.0
60.0	144.8	138.9	133.8	129.9	125.2	120.1	115.9	110.3	105.6	101.8
90.0	156.8	150.4	145.7	141.4	137.2	131.2	126.1	121.8	117.1	111.6
120.0	148.2	144.4	139.3	134.6	130.8	125.2	120.5	117.1	112.5	107.8
150.0	136.7	131.2	126.9	123.1	118.4	114.2	110.8	105.6	101.0	97.1
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	135.5	129.9	125.7	121.8	117.1	112.5	109.0	103.9	98.8	95.0
240.0	143.6	139.3	135.0	130.8	124.8	121.4	115.9	112.0	107.3	103.5
270.0	144.8	140.1	135.9	129.9	125.7	121.0	115.0	111.2	106.1	102.2
300.0	132.1	127.4	123.1	118.4	114.2	109.0	104.8	100.5	96.7	91.2
330.0	124.4	119.7	114.6	110.8	106.1	102.2	96.7	92.4	89.0	83.9
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	84.8	81.4	77.5	72.8	69.9	66.5	62.6	59.2	56.7	53.7
60.0	97.1	92.0	88.6	84.3	80.5	76.7	73.3	68.6	65.2	62.6
90.0	106.9	102.2	98.0	93.7	89.5	85.2	80.9	77.1	73.7	69.0
120.0	103.1	98.8	94.6	90.3	86.0	82.2	78.0	74.1	70.7	67.3
150.0	92.9	88.2	84.8	80.9	77.1	72.8	69.4	66.0	63.0	59.2
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	91.2	87.3	83.1	78.8	75.8	71.1	68.2	64.3	61.8	57.5
240.0	98.0	93.7	90.3	85.2	81.8	78.0	75.0	70.3	66.9	63.0
270.0	97.5	93.3	89.9	84.8	80.9	77.1	73.3	69.9	66.9	62.6
300.0	87.7	84.3	79.7	75.8	72.4	69.0	65.2	62.6	59.2	56.2
330.0	80.1	76.7	72.8	68.6	65.2	62.6	59.2	55.8	52.8	49.8
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Sensing 0.05-2000

Intensity Data [cd] γ

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C\	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	50.3	48.1	44.7	42.2	40.0	37.5	36.2	32.8	31.1	29.4
60.0	58.8	55.4	52.4	49.4	47.3	43.9	40.9	39.2	36.6	34.5
90.0	65.6	62.6	57.9	55.4	52.0	49.4	45.6	43.0	40.5	37.9
120.0	63.0	59.2	57.1	53.7	49.8	46.9	43.9	41.7	38.8	36.2
150.0	56.2	52.8	49.4	47.3	43.9	41.3	38.8	36.6	34.5	31.9
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	54.9	51.5	49.0	46.0	43.4	40.5	38.8	36.2	33.7	31.5
240.0	59.2	56.7	53.7	49.8	47.7	44.7	42.2	39.2	36.6	34.5
270.0	58.8	56.2	53.7	49.4	46.9	43.9	41.3	39.2	36.6	34.1
300.0	52.8	49.8	47.7	44.3	42.2	40.0	37.9	35.4	32.8	31.1
330.0	47.3	44.7	42.6	40.5	37.5	35.8	33.7	31.1	29.4	27.3
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	27.3	24.7	23.0	21.3	19.2	17.5	16.2	14.5	13.2	11.1
60.0	31.9	30.2	27.7	25.1	23.4	21.7	19.2	17.5	15.8	13.6
90.0	35.8	33.2	31.1	28.5	26.0	23.4	22.2	20.0	17.5	16.2
120.0	34.1	31.5	29.0	26.4	23.9	22.2	20.4	17.9	16.6	14.5
150.0	29.8	27.7	25.1	22.6	21.3	19.2	17.5	15.8	14.1	12.4
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	29.4	27.3	24.7	23.0	20.9	18.7	17.0	15.8	14.1	11.9
240.0	31.5	30.2	27.7	24.7	22.6	21.3	19.2	16.6	14.9	13.2
270.0	31.5	29.8	27.3	24.7	22.6	20.9	18.3	16.6	14.9	13.2
300.0	29.4	26.8	24.7	23.0	20.9	19.2	17.5	16.2	14.5	12.8
330.0	25.6	23.4	21.7	20.0	18.3	16.6	15.3	14.1	12.4	10.2
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	9.4	8.5	6.8	5.5	4.3	3.4	2.6	1.3	0.0	0.0
60.0	11.9	10.2	8.9	8.1	5.5	4.3	3.4	2.6	1.3	0.0
90.0	14.1	12.4	10.2	8.9	7.7	6.0	4.7	3.8	2.1	1.3
120.0	12.4	10.6	8.9	7.7	6.0	4.3	3.4	2.1	0.9	0.0
150.0	10.2	8.9	7.7	6.0	4.7	3.8	2.6	1.3	0.4	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	10.2	8.9	7.7	6.0	4.7	3.8	2.6	1.7	0.4	0.0
240.0	11.5	9.8	8.5	7.2	5.1	3.8	3.0	2.1	0.4	0.0
270.0	11.5	9.4	8.5	6.8	5.5	3.8	3.0	2.1	0.9	0.0
300.0	11.1	9.4	8.5	6.8	5.1	4.3	3.4	2.1	0.9	0.0
330.0	9.4	8.5	7.2	5.1	4.3	3.4	2.6	1.3	0.4	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Sensing 0.05-2000

Intensity Data [cd] γ

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C\	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Sensing 0.5-2000

Intensity Data [cd] γ

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C\	120.0	121.0	122.0	123.0	124.0	125.0	126.0	127.0	128.0	129.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Sensing CMS-2000

Intensity Data [cd] γ

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C\ γ	150.0	151.0	152.0	153.0	154.0	155.0	156.0	157.0	158.0	159.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C\ γ	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
120.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.4	0.0	0.0
150.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
270.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0
300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Sensing 0.05-2000

Intensity Data [cd] γ

C\ 180.0

0.0 0.0

30.0 0.0

60.0 0.0

90.0 0.4

120.0 0.0

150.0 0.0

180.0 0.0

210.0 0.0

240.0 0.0

270.0 0.4

300.0 0.0

330.0 0.0

360.0 0.0

Sensing GMS-2000



Zonal flux distribution table

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Gamma [°]	Average I [cd]	Zonal Flux [lm]	Sum Flux [lm]	Effective Flux [lm]	Effective Sum [lm]
0	0.53	0.00	0.00	0.00	0.00
1	0.39	0.00	0.00	0.00	0.00
2	0.57	0.00	0.00	0.00	0.00
3	0.78	0.00	0.01	0.00	0.00
4	1.14	0.01	0.01	0.00	0.00
5	1.67	0.01	0.02	0.00	0.00
6	1.92	0.02	0.04	0.00	0.00
7	3.73	0.04	0.08	0.00	0.00
8	8.70	0.09	0.17	0.03	0.03
9	18.35	0.22	0.39	0.15	0.18
10	33.79	0.47	0.86	0.38	0.56
11	53.07	0.87	1.73	0.82	1.38
12	78.77	1.44	3.17	1.43	2.81
13	97.33	2.09	5.26	2.07	4.88
14	108.87	2.64	7.90	2.61	7.48
15	114.55	3.07	10.96	3.01	10.50
16	118.60	3.42	14.38	3.38	13.88
17	122.93	3.76	18.14	3.70	17.57
18	129.21	4.16	22.30	4.12	21.69
19	136.77	4.63	26.93	4.55	26.24
20	145.15	5.16	32.09	5.10	31.34
21	152.46	5.71	37.80	5.71	37.06
22	158.82	6.26	44.06	6.26	43.31
23	163.43	6.76	50.82	6.76	50.07
24	164.49	7.17	57.99	7.17	57.24
25	163.64	7.46	65.45	7.46	64.70
26	161.97	7.69	73.13	7.69	72.39
27	159.63	7.87	81.00	7.87	80.26
28	157.22	8.02	89.02	8.02	88.28
29	154.56	8.16	97.18	8.16	96.44
30	151.36	8.26	105.44	8.26	104.70
31	148.02	8.33	113.77	8.33	113.03
32	144.90	8.39	122.16	8.39	121.42
33	141.92	8.45	130.61	8.45	129.87
34	138.16	8.48	139.09	8.48	138.35
35	134.96	8.48	147.57	8.48	146.83
36	131.30	8.48	156.05	8.48	155.31
37	127.44	8.44	164.49	8.44	163.74
38	123.85	8.39	172.88	8.39	172.13
39	119.98	8.32	181.20	8.32	180.45
40	116.47	8.25	189.44	8.25	188.70



Gamma [°]	Average I [cd]	Zonal Flux [lm]	Sum Flux [lm]	Effective Flux [lm]	Effective Sum [lm]
41	112.28	8.15	197.59	8.15	196.85
42	108.41	8.02	205.61	8.02	204.86
43	104.79	7.90	213.51	7.90	212.76
44	100.92	7.76	221.27	7.76	220.53
45	96.91	7.60	228.87	7.60	228.13
46	93.07	7.43	236.30	7.43	235.56
47	89.42	7.26	243.56	7.26	242.82
48	85.66	7.08	250.64	7.08	249.89
49	81.93	6.88	257.52	6.88	256.78
50	78.27	6.68	264.20	6.68	263.45
51	74.83	6.48	270.68	6.48	269.93
52	71.60	6.28	276.96	6.28	276.22
53	67.94	6.07	283.03	6.07	282.29
54	64.92	5.86	288.89	5.86	288.14
55	61.77	5.66	294.54	5.66	293.80
56	58.75	5.45	299.99	5.45	299.24
57	55.66	5.23	305.22	5.23	304.47
58	53.07	5.03	310.25	5.03	309.50
59	50.09	4.82	315.07	4.82	314.32
60	47.25	4.60	319.67	4.60	318.92
61	44.76	4.39	324.06	4.39	323.31
62	42.35	4.20	328.25	4.02	327.34
63	39.83	4.00	332.25	3.65	330.99
64	37.56	3.80	336.05	3.10	334.09
65	35.32	3.61	339.66	2.95	337.04
66	33.26	3.42	343.08	2.79	339.83
67	31.20	3.24	346.32	2.65	342.47
68	29.21	3.06	349.38	2.50	344.98
69	27.37	2.89	352.27	2.36	347.33
70	25.52	2.72	354.98	2.22	349.55
71	23.75	2.55	357.53	2.08	351.64
72	21.83	2.37	359.90	1.94	353.58
73	19.95	2.18	362.08	1.59	355.17
74	18.25	2.01	364.09	0.87	356.04
75	16.72	1.85	365.94	0.42	356.46
76	15.23	1.70	367.63	0.00	356.46
77	13.74	1.54	369.18	0.00	356.46
78	12.32	1.39	370.57	0.00	356.46
79	10.76	1.24	371.81	0.00	356.46
80	9.30	1.08	372.89	0.00	356.46
81	8.06	0.94	373.83	0.00	356.46



Zonal flux distribution table

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Gamma [°]	Average I [cd]	Zonal Flux [lm]	Sum Flux [lm]	Effective Flux [lm]	Effective Sum [lm]
82	6.92	0.81	374.65	0.00	356.46
83	5.68	0.69	375.33	0.00	356.46
84	4.40	0.55	375.88	0.00	356.46
85	3.41	0.43	376.31	0.00	356.46
86	2.59	0.33	376.63	0.00	356.46
87	1.70	0.24	376.87	0.00	356.46
88	0.64	0.13	377.00	0.00	356.46
89	0.11	0.04	377.04	0.00	356.46
90	0.00	0.01	377.04	0.00	356.46
91	0.00	0.00	377.04	0.00	356.46
92	0.00	0.00	377.04	0.00	356.46
93	0.00	0.00	377.04	0.00	356.46
94	0.00	0.00	377.04	0.00	356.46
95	0.00	0.00	377.04	0.00	356.46
96	0.00	0.00	377.04	0.00	356.46
97	0.00	0.00	377.04	0.00	356.46
98	0.00	0.00	377.04	0.00	356.46
99	0.00	0.00	377.04	0.00	356.46
100	0.00	0.00	377.04	0.00	356.46
101	0.00	0.00	377.04	0.00	356.46
102	0.00	0.00	377.04	0.00	356.46
103	0.00	0.00	377.04	0.00	356.46
104	0.00	0.00	377.04	0.00	356.46
105	0.00	0.00	377.04	0.00	356.46
106	0.00	0.00	377.04	0.00	356.46
107	0.00	0.00	377.04	0.00	356.46
108	0.00	0.00	377.04	0.00	356.46
109	0.00	0.00	377.04	0.00	356.46
110	0.00	0.00	377.04	0.00	356.46
111	0.00	0.00	377.04	0.00	356.46
112	0.00	0.00	377.04	0.00	356.46
113	0.00	0.00	377.04	0.00	356.46
114	0.00	0.00	377.04	0.00	356.46
115	0.00	0.00	377.04	0.00	356.46
116	0.00	0.00	377.04	0.00	356.46
117	0.00	0.00	377.04	0.00	356.46
118	0.00	0.00	377.04	0.00	356.46
119	0.00	0.00	377.04	0.00	356.46
120	0.00	0.00	377.04	0.00	356.46
121	0.00	0.00	377.04	0.00	356.46
122	0.00	0.00	377.04	0.00	356.46



Zonal flux distribution table

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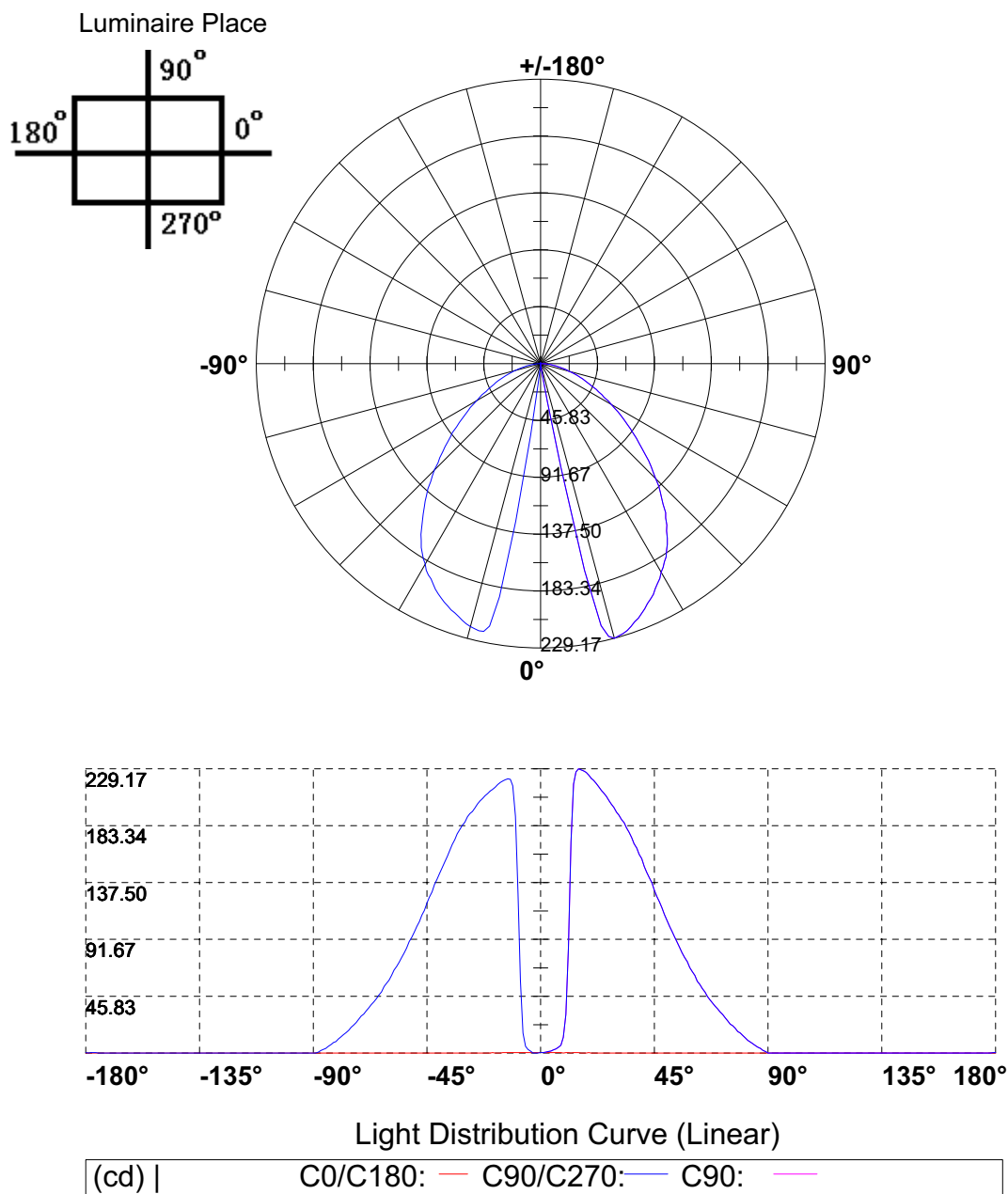
Gamma [°]	Average I [cd]	Zonal Flux [lm]	Sum Flux [lm]	Effective Flux [lm]	Effective Sum [lm]
123	0.00	0.00	377.04	0.00	356.46
124	0.00	0.00	377.04	0.00	356.46
125	0.00	0.00	377.04	0.00	356.46
126	0.00	0.00	377.04	0.00	356.46
127	0.00	0.00	377.04	0.00	356.46
128	0.00	0.00	377.04	0.00	356.46
129	0.00	0.00	377.04	0.00	356.46
130	0.00	0.00	377.04	0.00	356.46
131	0.00	0.00	377.04	0.00	356.46
132	0.00	0.00	377.04	0.00	356.46
133	0.00	0.00	377.04	0.00	356.46
134	0.00	0.00	377.04	0.00	356.46
135	0.00	0.00	377.04	0.00	356.46
136	0.00	0.00	377.04	0.00	356.46
137	0.00	0.00	377.04	0.00	356.46
138	0.00	0.00	377.04	0.00	356.46
139	0.00	0.00	377.04	0.00	356.46
140	0.00	0.00	377.04	0.00	356.46
141	0.00	0.00	377.04	0.00	356.46
142	0.00	0.00	377.04	0.00	356.46
143	0.00	0.00	377.04	0.00	356.46
144	0.00	0.00	377.04	0.00	356.46
145	0.00	0.00	377.04	0.00	356.46
146	0.00	0.00	377.04	0.00	356.46
147	0.00	0.00	377.04	0.00	356.46
148	0.00	0.00	377.04	0.00	356.46
149	0.00	0.00	377.04	0.00	356.46
150	0.00	0.00	377.04	0.00	356.46
151	0.00	0.00	377.04	0.00	356.46
152	0.00	0.00	377.04	0.00	356.46
153	0.00	0.00	377.04	0.00	356.46
154	0.00	0.00	377.04	0.00	356.46
155	0.00	0.00	377.04	0.00	356.46
156	0.00	0.00	377.04	0.00	356.46
157	0.00	0.00	377.04	0.00	356.46
158	0.00	0.00	377.04	0.00	356.46
159	0.00	0.00	377.04	0.00	356.46
160	0.00	0.00	377.04	0.00	356.46
161	0.00	0.00	377.04	0.00	356.46
162	0.00	0.00	377.04	0.00	356.46
163	0.00	0.00	377.04	0.00	356.46

[illegible]



Light Distribution Curve [Unit: cd]

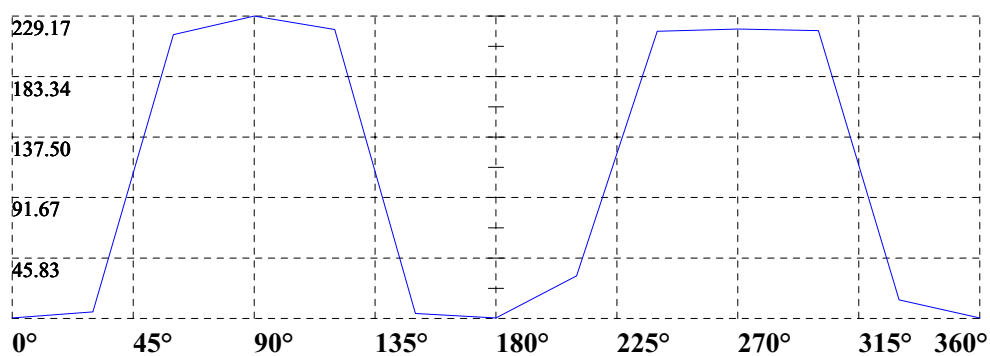
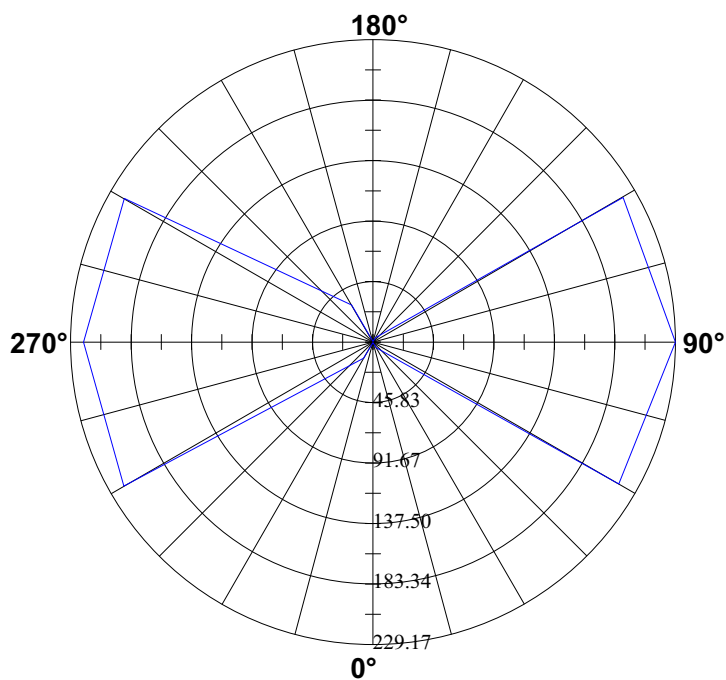
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Horizontal cone through Max.cd [Unit: cd]

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Light Distribution Curve (Linear)

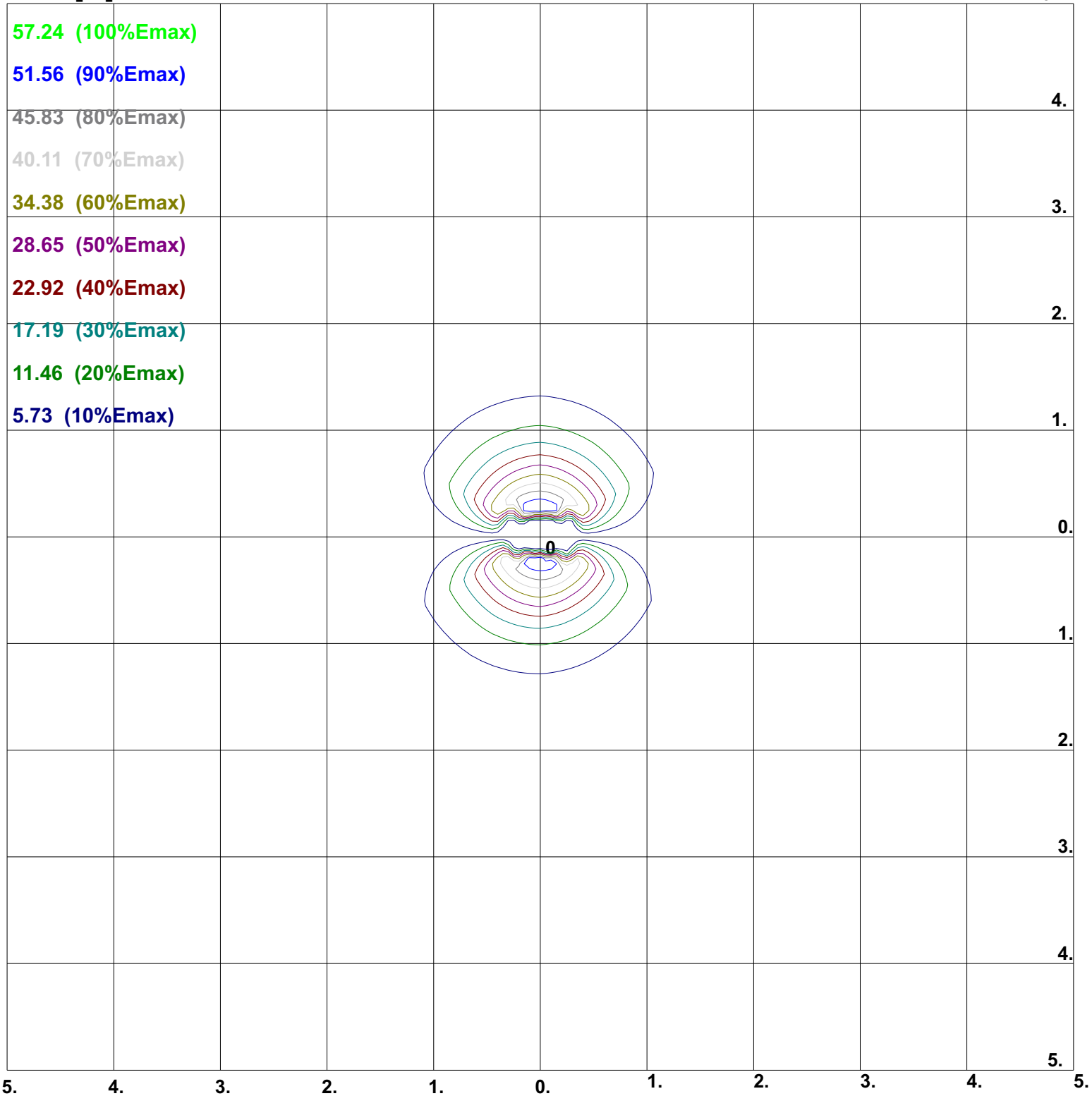
(cd) | γ15: —



ISO-Illuminance

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Unit: [lx]



Coordinate Scale: d/h

Height: 2 m

Max Illuminance : 57.29lx



Space ISO-lx

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Unit: [lx]
Illuminance

57.24

51.56

45.83

40.11

34.38

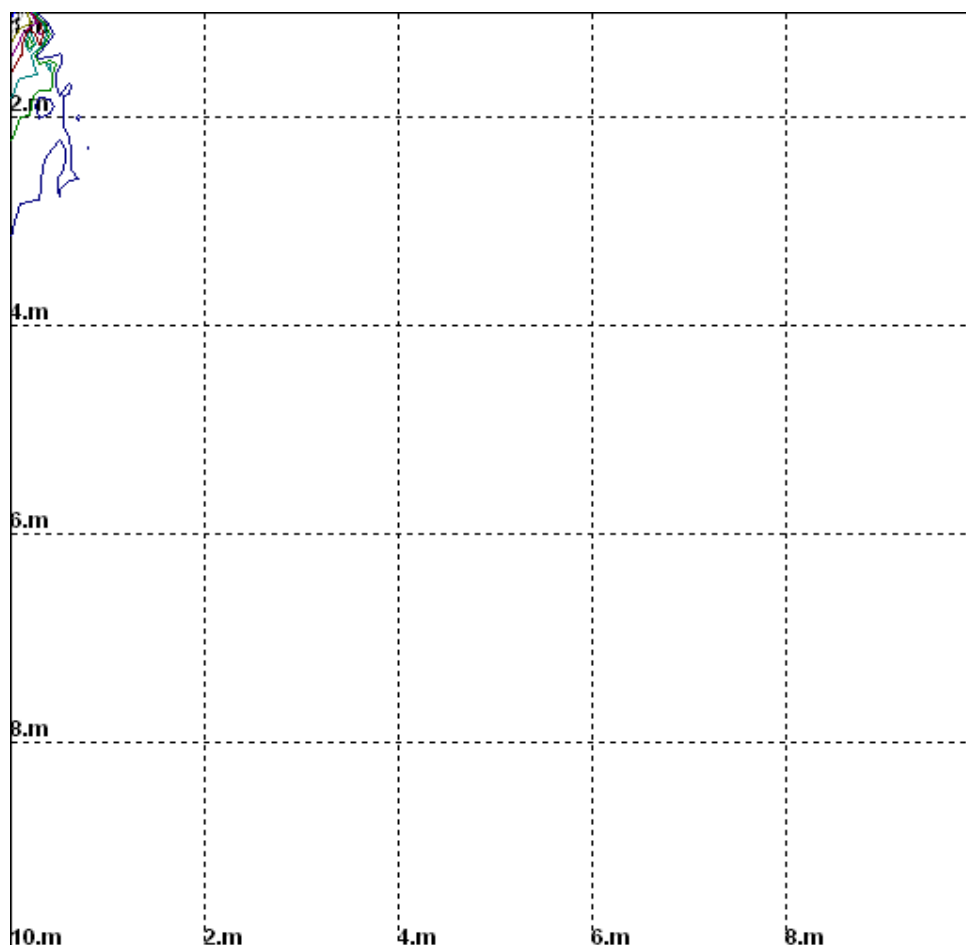
28.65

22.92

17.19

11.46

5.73





Luminance Limiting Curve (There is not luminous side)

Diameter: 0mm

Length: 28mm

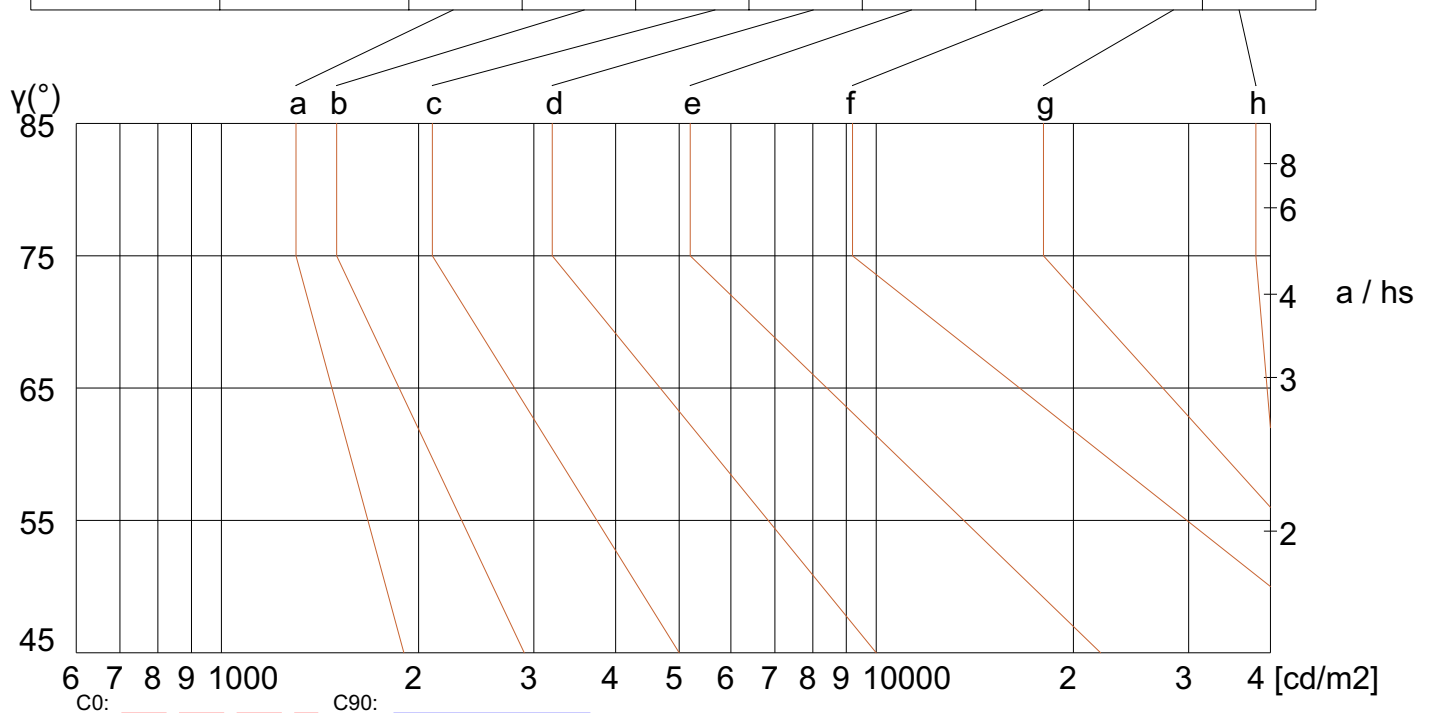
Width: 20mm

Height: 0mm

(cd/m²)

γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0									
C90									

Glare	Quality	Service Values Illuminance (lx)							
1.15	A	2000	1000	500	≤300				
1.5	B		2000	1000	500	≤300			
1.85	C			2000	1000	500	≤300		
2.2	D				2000	1000	500	≤300	
2.55	E					2000	1000	500	≤300



Luminance Limiting Curve (C0/C90)



RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION FOR RHOFC=20															
0	0.58	0.58	0.58	0.56	0.56	0.56	0.54	0.54	0.54	0.51	0.51	0.51	0.49	0.49	0.49	0.48
1	0.51	0.50	0.50	0.51	0.50	0.49	0.49	0.48	0.47	0.46	0.45	0.44	0.43	0.42	0.41	0.39
2	0.44	0.43	0.42	0.44	0.42	0.41	0.42	0.41	0.39	0.41	0.39	0.37	0.39	0.37	0.35	0.33
3	0.38	0.37	0.36	0.38	0.36	0.35	0.37	0.35	0.33	0.36	0.34	0.32	0.34	0.32	0.30	0.28
4	0.33	0.31	0.30	0.33	0.31	0.30	0.33	0.30	0.29	0.32	0.29	0.27	0.31	0.28	0.26	0.24
5	0.29	0.27	0.26	0.29	0.27	0.26	0.29	0.26	0.25	0.29	0.26	0.24	0.28	0.25	0.22	0.20
6	0.25	0.24	0.23	0.25	0.24	0.22	0.26	0.23	0.22	0.26	0.23	0.21	0.25	0.22	0.20	0.18
7	0.22	0.21	0.20	0.23	0.21	0.20	0.23	0.21	0.19	0.23	0.20	0.18	0.23	0.20	0.17	0.16
8	0.20	0.18	0.18	0.20	0.18	0.17	0.21	0.18	0.17	0.21	0.18	0.16	0.21	0.18	0.15	0.14
9	0.18	0.16	0.16	0.18	0.16	0.15	0.19	0.16	0.15	0.19	0.16	0.14	0.19	0.16	0.14	0.12
10	0.16	0.15	0.14	0.16	0.15	0.14	0.17	0.15	0.13	0.17	0.15	0.13	0.18	0.15	0.12	0.11

