

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] 200W-60D

Sum Lumens: 25024.76 lm

Number of Lamps: 1

Diameter: 0mm

Length: 500mm

Photometric Type: Type C

Voltage: 221.7 V

Current: 0.9467 A

Power: 201.9 W

Power Factor: 0.962

Ballast Type:

Width: 500mm

Height: 155mm

Remark:

Photometric Results

Lumens: 25024.76 lm

Efficiency: 100%

Central Intensity: 24058.53cd

Maximum Intensity: 24058.529cd

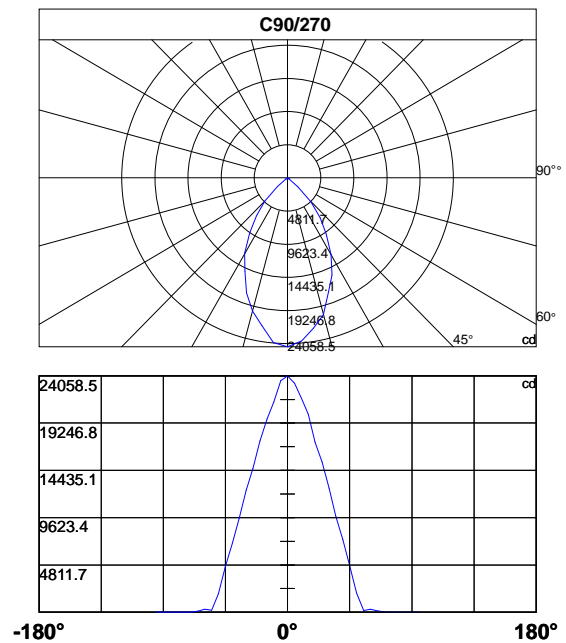
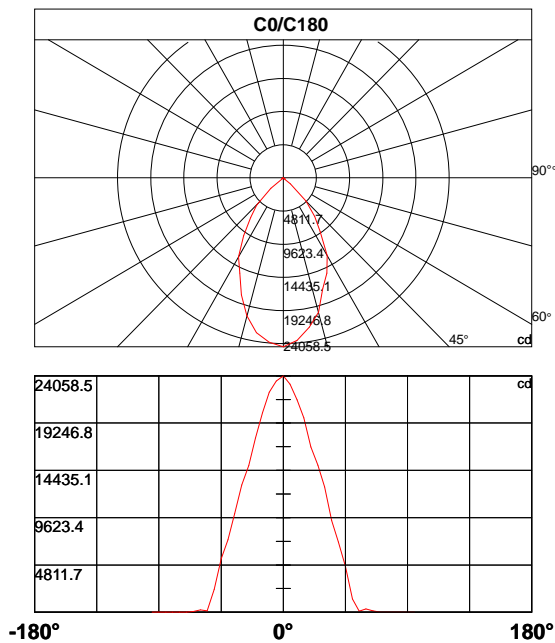
Beam Angle(10%): Left: -49.9 Right:48.4

Angle of maximum intensity: C:0.0 G:0.0

Half Peak Side Angle(50%): Left: -31.6 Right:31.1

Up Flux Rate: 0.01%

Down Flux Rate: 99.99%



Photometric Data Table [cd]

Cly	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	24058.5	23212.6	21591.0	19789.0	16802.0	14945.3	12750.0	9331.1	7150.1	4674.5
5.0	24058.5	23367.5	21742.2	19591.8	17087.7	14840.7	12945.5	9180.7	7222.8	4721.2
10.0	24058.5	23266.4	21879.5	19882.5	16878.4	14937.8	12828.3	9392.4	7256.3	4659.0
15.0	24058.5	23102.3	21887.2	19619.3	17037.8	14806.0	12698.3	9479.1	7344.1	4670.0
20.0	24058.5	23220.6	22056.5	19475.6	17033.3	14822.2	12693.6	9521.0	7158.0	4776.1
25.0	24058.5	23071.3	22266.2	19446.4	17126.9	14915.1	12677.6	9490.1	7230.3	4805.5
30.0	24058.5	23192.1	22192.8	19388.3	17283.6	14864.1	12801.2	9492.5	7230.5	4626.7
35.0	24058.5	23292.1	22001.9	19535.6	17172.7	14944.4	12710.4	9601.0	7328.2	4717.0
40.0	24058.5	23098.7	21998.2	19813.4	17262.5	14956.3	12579.6	9490.6	7252.1	4826.9
45.0	24058.5	23182.8	21767.3	19553.3	17171.6	14925.4	12736.5	9468.7	7273.4	4669.6
50.0	24058.5	23337.7	21818.9	19525.3	17363.8	14842.4	12716.9	9575.6	7138.2	4669.0
55.0	24058.5	23515.2	21887.9	19675.2	17392.6	14870.2	12619.8	9479.8	7217.8	4621.0
60.0	24058.5	23316.0	21778.6	19624.8	17585.5	14869.3	12507.8	9836.3	7096.4	4704.7
65.0	24058.5	23330.2	21898.4	19869.3	17586.1	15056.7	12477.0	9603.7	7182.5	4745.2
70.0	24058.5	23261.1	21549.5	19739.2	17423.8	14967.5	12501.2	9675.4	7230.1	4803.1
75.0	24058.5	23377.7	21589.8	19934.2	17402.2	15113.3	12470.9	9688.2	7181.0	4836.2
80.0	24058.5	23365.5	21519.8	20042.7	17558.2	15132.3	12602.7	9637.3	7230.6	4700.6
85.0	24058.5	23194.5	21704.9	20120.4	17667.8	15181.8	12556.6	9698.5	7215.2	4747.9
90.0	24058.5	23301.6	21735.7	20151.1	17308.1	15272.1	12607.7	9755.5	7375.6	4769.3
95.0	24058.5	23199.7	21697.8	19874.3	17357.2	15232.0	12728.0	9682.9	7312.8	4893.7
100.0	24058.5	22983.4	21758.0	19789.1	17425.5	15010.6	12682.2	9674.7	7233.5	4871.3
105.0	24058.5	23060.1	21894.6	19707.1	17594.4	15166.2	12824.2	9779.0	7309.8	4882.5
110.0	24058.5	23102.7	22254.0	19818.7	17630.0	15246.8	12860.0	9911.1	7399.5	4981.1
115.0	24058.5	23013.8	22055.8	19687.4	17759.9	15139.4	12615.0	9653.8	7286.9	4955.0
120.0	24058.5	22882.1	22049.6	19900.8	17706.2	15118.0	12795.3	9755.3	7385.4	4988.5
125.0	24058.5	22893.4	21992.3	20043.4	17678.7	15196.2	12717.8	9940.3	7363.5	5069.2
130.0	24058.5	23007.1	21979.2	19782.3	17497.8	15178.3	12699.3	9709.2	7490.7	5178.3
135.0	24058.5	23209.5	22083.0	20044.0	17509.1	15170.7	12730.0	9781.6	7464.7	5291.4
140.0	24058.5	23255.0	22124.4	20186.8	17589.8	15292.0	12877.7	9844.9	7347.1	5382.1
145.0	24058.5	23241.3	22103.4	20208.7	17722.9	14920.2	12856.3	9824.0	7420.7	5295.1
150.0	24058.5	23166.2	22064.3	20503.8	17871.0	15064.1	13077.3	9881.5	7438.3	5226.0
155.0	24058.5	23244.8	22305.3	20535.9	17922.0	15088.0	12880.1	10075.9	7420.7	5367.3
160.0	24058.5	23358.1	22277.6	20306.3	17923.6	15040.3	12872.0	9989.3	7408.6	5433.4
165.0	24058.5	23388.3	22029.4	20367.2	17698.4	15025.7	12916.3	9935.3	7401.5	5419.9
170.0	24058.5	23525.1	22219.4	20191.0	17960.2	14927.0	12718.2	10103.5	7410.0	5445.2
175.0	24058.5	23531.2	22533.1	20095.3	17986.8	15227.2	12864.6	10062.6	7363.9	5390.5
180.0	24058.5	23517.7	22384.3	20313.8	17741.4	14936.3	12954.3	10040.4	7354.3	5441.1
185.0	24058.5	23442.5	22338.3	20377.4	17441.7	14888.4	12990.4	9857.5	7515.0	5564.7
190.0	24058.5	23371.5	22355.1	20425.6	17611.3	14869.3	12900.4	9961.5	7423.9	5324.8
195.0	24058.5	23342.7	22316.2	20268.4	17488.9	15222.7	12840.3	9968.8	7329.1	5295.8
200.0	24058.5	23362.7	22048.5	20148.4	17651.9	15112.8	12841.8	9931.1	7362.4	5232.7
205.0	24058.5	23337.7	22156.8	20034.3	17433.3	15201.1	12764.6	9871.5	7380.8	5215.0
210.0	24058.5	23401.2	22264.4	20082.8	17627.8	14991.5	12673.4	10010.5	7369.9	5171.0
215.0	24058.5	23279.9	22324.4	19979.0	17639.4	15104.0	12721.0	9842.8	7147.8	5262.0
220.0	24058.5	23129.7	22201.1	20242.3	17632.1	15114.0	12706.1	9909.5	7356.6	5047.1
225.0	24058.5	23349.6	22272.1	20153.0	17610.7	15033.3	12718.3	9812.8	7228.5	4996.1
230.0	24058.5	23331.2	22010.0	20247.6	17486.5	14998.8	12625.1	9596.5	7290.6	5010.2
235.0	24058.5	23387.2	22219.0	20122.5	17543.0	14975.3	12447.7	9704.1	7135.0	5013.8

Photometric Data Table [cd]

240.0	24058.5	23405.7	21825.8	19847.8	17391.1	15154.6	12540.7	9764.9	7177.6	4879.1
245.0	24058.5	23254.3	21916.2	19859.7	17530.8	15122.9	12543.0	9739.0	7072.2	4930.1
250.0	24058.5	23415.3	21736.9	19916.7	17410.7	15015.1	12509.2	9819.8	7193.3	4894.3
255.0	24058.5	23550.1	21806.9	19854.1	17432.1	15023.8	12603.5	9611.9	7164.5	4700.5
260.0	24058.5	23512.9	21510.5	19935.9	17414.5	14995.8	12608.3	9600.3	7123.6	4601.7
265.0	24058.5	23459.2	21279.5	19819.4	17565.9	14896.8	12445.0	9395.3	7171.9	4656.6
270.0	24058.5	23563.2	21376.4	19637.8	17438.5	14648.9	12421.0	9554.9	7030.0	4671.7
275.0	24058.5	23539.5	21380.0	19743.2	17525.7	14919.4	12372.9	9581.9	7030.3	4511.6
280.0	24058.5	23633.7	21328.7	19840.7	17098.3	14910.3	12334.5	9581.9	6982.0	4581.2
285.0	24058.5	23529.8	21259.9	19990.3	17099.4	15187.5	12393.1	9649.1	7026.3	4438.3
290.0	24058.5	23333.1	21762.9	19791.5	16992.5	15139.4	12401.0	9438.1	7092.9	4467.8
295.0	24058.5	23365.9	21688.3	19665.6	17267.9	14941.7	12408.8	9303.2	7115.8	4511.8
300.0	24058.5	23256.8	22001.3	19629.5	17100.8	14891.6	12324.5	9289.5	7115.9	4413.8
305.0	24058.5	23278.3	22033.5	19733.8	17089.6	14905.2	12156.2	9486.4	6967.6	4611.7
310.0	24058.5	23303.4	21922.7	19300.2	16856.1	14780.0	12327.0	9480.0	7050.4	4647.6
315.0	24058.5	23152.0	21936.7	19551.5	17128.6	14735.1	12476.8	9352.3	7138.6	4647.8
320.0	24058.5	23136.7	21843.0	19430.2	17175.7	14811.8	12387.8	9421.9	7117.2	4663.2
325.0	24058.5	23289.8	21716.2	19297.8	17012.8	14858.4	12579.4	9448.0	6927.8	4535.3
330.0	24058.5	23344.4	21575.4	19433.6	16957.9	14861.6	12407.4	9245.7	7157.6	4568.1
335.0	24058.5	23165.4	21782.2	19442.8	16871.1	14978.3	12447.3	9464.7	7249.1	4487.6
340.0	24058.5	23037.9	21694.6	19664.6	16766.9	14972.8	12663.2	9344.8	7103.6	4604.4
345.0	24058.5	23290.8	21398.8	19808.2	16912.2	14643.2	12711.6	9429.6	7052.3	4640.9
350.0	24058.5	23230.8	21616.1	19602.4	16856.7	14803.9	12925.3	9478.7	7126.1	4677.8
355.0	24058.5	23256.7	21353.3	19771.6	17265.3	14540.9	12760.1	9411.7	7183.7	4677.6
360.0	24058.5	23212.6	21591.0	19789.0	16802.0	14945.3	12750.0	9331.1	7150.1	4674.5

Cly	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	1330.2	95.5	339.6	122.0	14.6	8.8	0.0	9.6	7.4	0.0
5.0	1377.8	123.8	339.2	85.2	20.5	0.0	0.0	0.0	14.1	0.0
10.0	1279.3	106.8	317.5	144.2	31.7	0.0	9.0	0.0	3.8	0.0
15.0	1297.4	103.9	369.2	98.4	0.0	8.8	3.0	2.3	9.6	0.0
20.0	1436.4	153.7	368.5	97.2	9.6	12.5	6.6	7.3	11.0	0.0
25.0	1472.8	146.0	362.7	119.0	16.9	2.7	0.0	3.0	7.4	0.0
30.0	1520.3	171.9	330.3	106.1	10.3	14.6	0.0	10.3	15.0	0.0
35.0	1450.7	139.4	320.0	124.9	22.1	2.7	6.6	3.0	13.9	0.0
40.0	1509.3	118.6	319.4	121.2	23.9	0.0	3.0	3.6	7.4	0.0
45.0	1680.8	172.5	352.4	135.8	19.8	2.7	5.3	0.0	7.4	0.0
50.0	1688.4	181.0	330.9	166.5	22.1	6.4	3.0	10.9	14.9	0.0
55.0	1735.7	141.6	331.8	131.9	25.1	8.8	0.0	3.0	11.3	0.0
60.0	1640.7	193.0	340.7	125.2	11.1	3.4	9.0	5.9	3.8	0.0
65.0	1790.7	194.1	331.3	134.8	20.5	5.7	3.0	14.6	0.0	0.0
70.0	1844.9	233.1	307.0	102.3	30.0	13.7	10.9	7.3	18.7	0.0
75.0	1746.0	176.6	324.1	109.0	22.8	13.7	7.3	7.3	3.8	0.0
80.0	1848.6	202.5	292.1	113.6	13.2	9.9	14.9	16.8	7.5	0.0
85.0	1812.1	151.2	289.6	153.6	39.0	14.4	6.6	3.6	11.3	0.0
90.0	1914.3	182.9	313.2	122.2	41.6	17.4	15.6	13.9	18.5	0.0
95.0	1899.8	260.0	298.0	114.5	39.3	25.5	13.9	14.6	7.5	0.0
100.0	2034.9	173.0	277.9	115.7	32.2	20.3	7.3	13.9	10.5	0.0

Photometric Data Table [cd]

105.0	2020.1	242.3	278.8	119.5	30.1	5.7	10.3	3.6	14.3	0.0
110.0	2060.1	238.5	309.6	101.7	22.8	6.4	6.0	10.9	11.2	0.0
115.0	2027.4	213.4	377.1	135.2	15.5	19.1	0.0	6.6	11.2	0.0
120.0	2045.8	202.4	282.9	121.3	23.5	35.8	0.0	7.3	18.5	0.0
125.0	2323.4	180.5	316.8	109.9	13.2	9.5	3.6	18.2	14.9	0.0
130.0	2330.6	201.2	262.9	91.2	6.7	6.4	8.9	13.9	14.9	0.0
135.0	2075.1	233.6	287.5	116.5	11.9	15.3	0.0	18.2	0.0	0.0
140.0	2232.0	195.5	284.6	96.8	27.7	2.7	5.9	3.6	14.9	0.0
145.0	2239.8	169.7	267.7	119.3	15.5	9.5	9.6	6.6	7.4	0.0
150.0	2389.6	195.6	291.6	105.1	20.7	2.7	0.0	3.0	0.0	0.0
155.0	2345.6	162.2	309.3	81.6	8.9	5.7	0.0	7.3	2.2	0.0
160.0	2301.5	125.7	285.3	88.5	17.8	11.8	4.8	3.6	17.9	0.0
165.0	2265.1	147.5	251.5	78.6	11.9	2.7	11.9	9.6	0.0	0.0
170.0	2341.9	122.6	278.8	93.0	8.9	5.0	3.0	0.0	3.8	0.0
175.0	2305.4	154.3	278.9	98.0	11.9	2.7	8.9	0.0	0.0	0.0
180.0	2323.7	158.1	248.8	70.9	11.2	11.8	0.0	0.0	3.0	0.0
185.0	2214.4	109.0	241.7	80.3	19.1	2.7	3.0	0.0	3.8	0.0
190.0	2141.0	132.9	274.2	115.3	10.2	2.7	6.0	6.6	6.6	0.0
195.0	2214.4	137.0	259.5	83.3	16.2	5.7	8.9	3.6	10.5	0.0
200.0	2349.4	146.0	280.0	62.1	16.2	2.7	3.0	5.9	7.5	0.0
205.0	2079.4	136.9	248.9	51.0	18.5	2.7	3.0	3.0	0.0	0.0
210.0	2218.0	148.4	239.3	92.8	14.9	0.0	3.0	0.0	0.0	0.0
215.0	2112.0	129.9	269.6	86.7	19.1	0.0	0.0	3.0	0.0	0.0
220.0	2060.6	130.0	272.6	131.3	9.6	9.5	0.0	6.0	0.0	0.0
225.0	2141.1	122.6	266.6	93.4	16.1	8.1	5.9	3.0	3.8	0.0
230.0	2115.4	152.7	256.3	114.7	5.9	2.7	3.6	0.0	0.0	0.0
235.0	2162.9	192.3	251.6	104.3	25.8	5.7	9.6	3.0	0.0	0.0
240.0	1903.4	164.0	260.1	107.8	21.5	23.2	3.0	3.6	3.8	0.0
245.0	1976.3	213.2	289.4	107.5	11.9	13.9	20.6	0.0	3.0	0.0
250.0	1950.9	243.6	245.5	66.9	16.9	16.0	10.9	6.6	6.0	0.0
255.0	1834.2	195.0	214.9	31.0	47.2	13.0	3.6	3.6	3.8	0.0
260.0	1892.5	189.6	285.7	81.8	27.8	10.6	15.6	13.9	17.3	0.0
265.0	1910.8	229.1	291.8	103.7	22.8	9.9	17.9	9.5	14.0	0.0
270.0	1863.4	214.4	294.7	106.1	22.8	13.0	10.9	6.6	3.8	0.0
275.0	1826.6	194.5	337.5	118.7	23.5	13.0	9.6	5.8	6.7	0.0
280.0	1800.8	161.5	263.7	67.6	18.2	6.4	13.2	6.6	3.8	0.0
285.0	1812.1	184.8	204.9	61.1	14.6	5.7	3.3	3.0	0.0	0.0
290.0	1757.2	118.8	266.1	84.9	12.6	3.4	6.6	0.0	3.8	0.0
295.0	1629.5	133.7	277.4	88.8	32.6	6.4	9.6	3.0	7.4	0.0
300.0	1582.1	118.3	293.1	99.9	31.6	9.5	3.0	3.6	0.0	0.0
305.0	1658.5	96.8	278.5	105.9	27.3	7.8	6.6	3.0	3.0	0.0
310.0	1611.3	135.0	297.1	110.4	21.4	8.8	8.9	3.0	11.2	0.0
315.0	1439.9	138.6	272.9	121.3	14.8	5.7	6.0	6.6	0.0	0.0
320.0	1582.2	153.3	286.0	98.4	28.1	3.4	8.2	10.2	0.0	0.0
325.0	1425.0	118.2	263.2	90.6	12.6	2.7	10.2	3.6	0.0	0.0
330.0	1538.5	133.1	302.6	75.2	27.4	16.0	1.7	0.0	9.6	0.0
335.0	1352.2	128.6	363.0	64.4	6.6	5.7	5.9	8.9	11.2	0.0
340.0	1326.7	125.7	338.3	66.2	8.9	8.8	0.0	0.0	14.7	0.0
345.0	1381.4	126.8	306.0	115.2	18.4	0.0	2.3	0.0	0.0	0.0

Photometric Data Table [cd]

350.0	1246.4	119.3	289.1	103.5	7.3	3.4	6.6	10.2	11.2	0.0
355.0	1268.7	82.7	305.4	111.2	7.3	5.7	6.0	3.6	11.0	0.0
360.0	1330.2	95.5	339.6	122.0	14.6	8.8	0.0	9.6	7.4	0.0

Cv

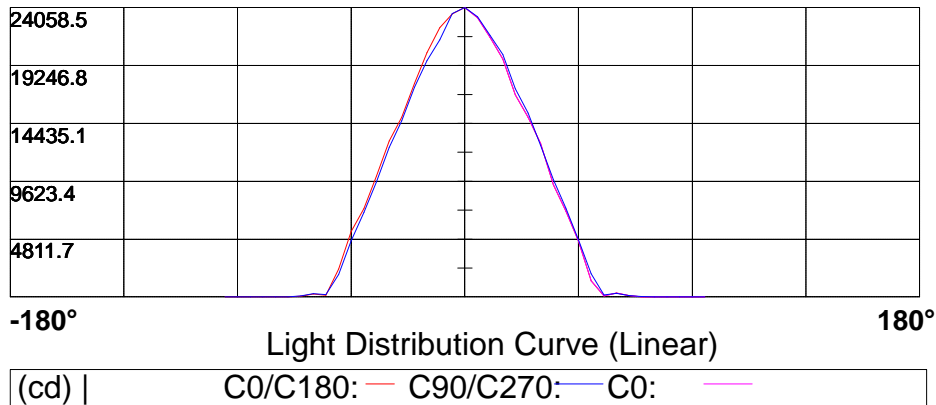
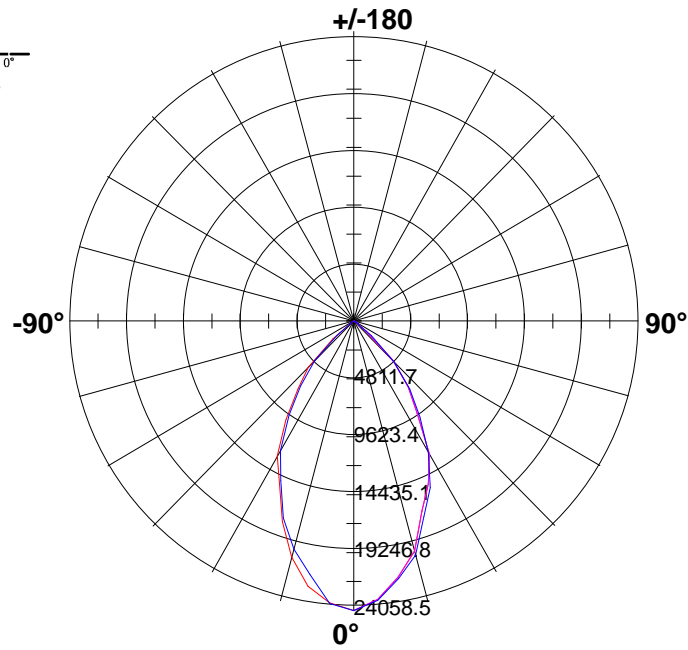
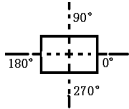
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
45.0
50.0
55.0
60.0
65.0
70.0
75.0
80.0
85.0
90.0
95.0
100.0
105.0
110.0
115.0
120.0
125.0
130.0
135.0
140.0
145.0
150.0
155.0
160.0
165.0
170.0
175.0
180.0
185.0
190.0
195.0
200.0
205.0
210.0

Photometric Data Table [cd]

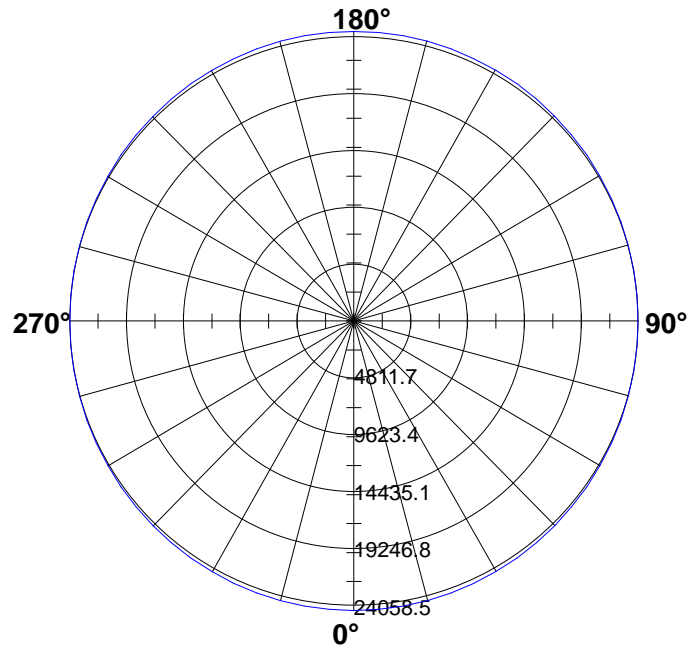
215.0
220.0
225.0
230.0
235.0
240.0
245.0
250.0
255.0
260.0
265.0
270.0
275.0
280.0
285.0
290.0
295.0
300.0
305.0
310.0
315.0
320.0
325.0
330.0
335.0
340.0
345.0
350.0
355.0
360.0

Light Distribution Curve [Unit: cd]

Luminaire



Max Plane Light Distribution Curve [Unit: cd]

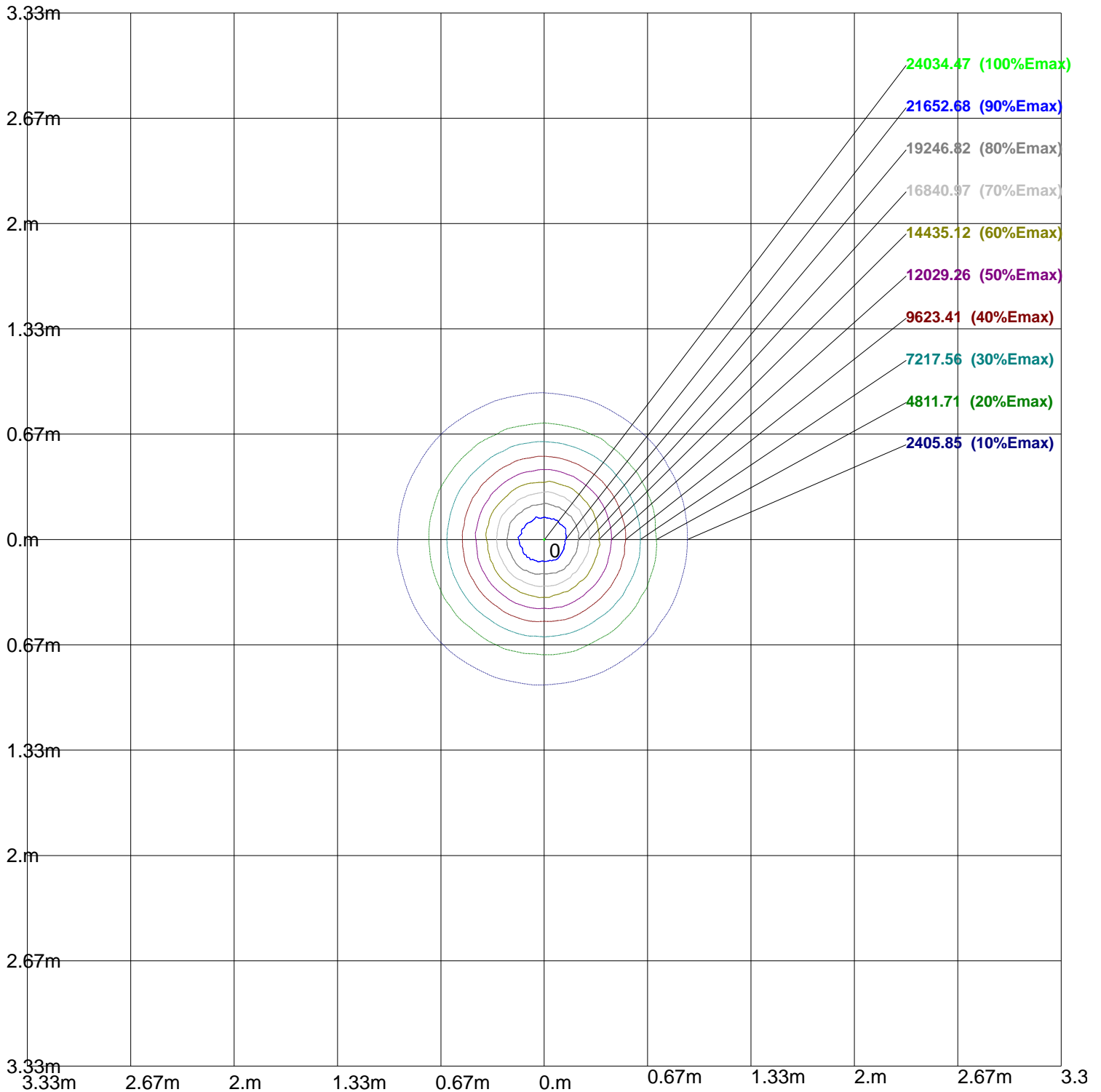


24058.5							
19246.8							
14435.1							
9623.4							
4811.7							

-180° Light Distribution Curve (Linear) **180°**

(cd) | γ_0 :

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 24058.53lx

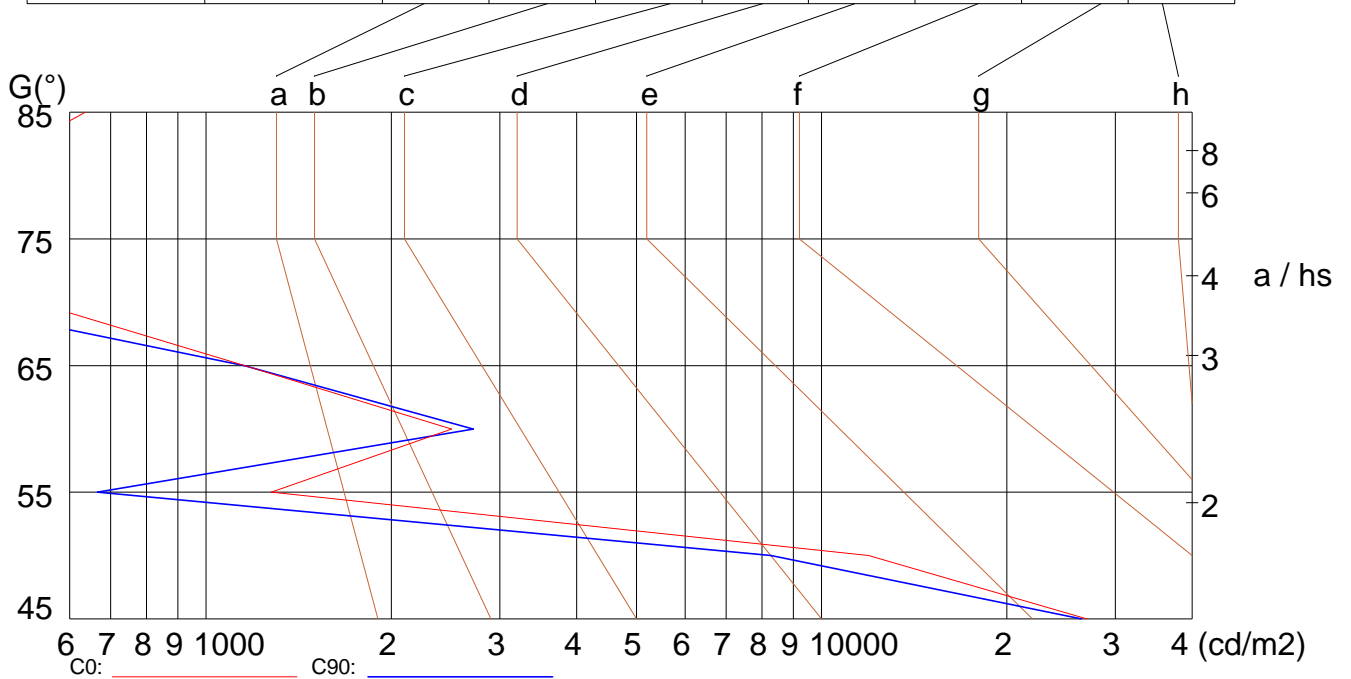
Luminance Limiting Curve

Diameter: 0mm
 Length: 500mm
 Width: 500mm
 Height: 155mm

(cd/m²)

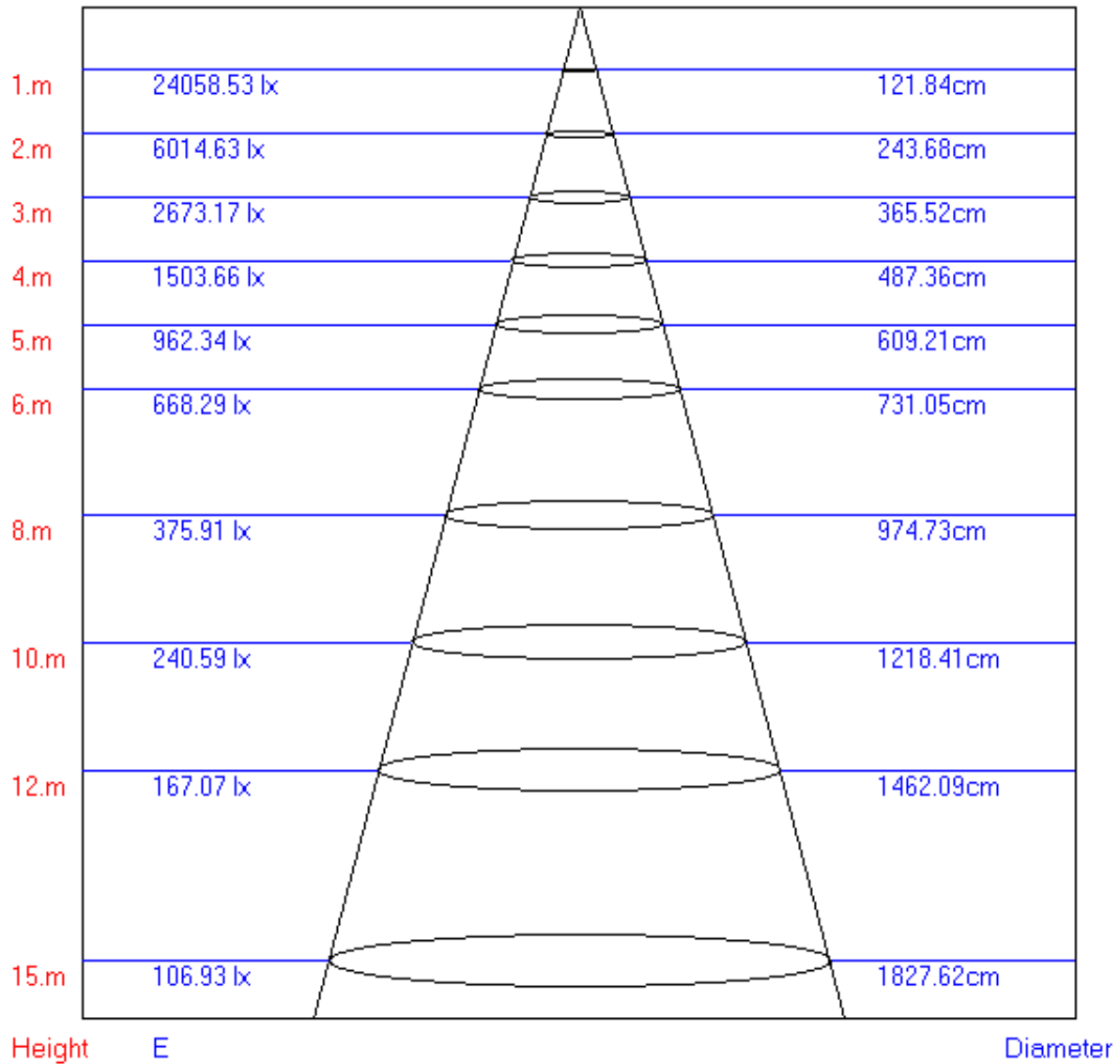
γ		45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	637	26979	11913	1276	2506	1156	487	270		
C90	439	26443	8278	666	2717	1154	170	136		

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	



Lum. Limiting Curve (C0/C90)

Lux-Distance Curve



Beam Angle:62.70°

Utilization Coefficient Table

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.13	1.12	1.11	1.11	1.10	1.09	1.07	1.06	1.05	1.02	1.00	0.99	0.95	0.93	0.92	0.87
2	1.04	1.03	1.02	1.03	1.01	1.00	0.99	0.97	0.95	0.95	0.92	0.90	0.89	0.87	0.84	0.80
3	0.96	0.94	0.93	0.95	0.93	0.91	0.92	0.89	0.87	0.88	0.85	0.83	0.84	0.80	0.77	0.73
4	0.88	0.87	0.85	0.88	0.85	0.84	0.85	0.82	0.80	0.82	0.79	0.76	0.78	0.74	0.71	0.67
5	0.82	0.80	0.78	0.81	0.78	0.77	0.79	0.76	0.73	0.77	0.73	0.69	0.73	0.69	0.65	0.62
6	0.75	0.73	0.72	0.75	0.72	0.71	0.73	0.70	0.67	0.71	0.67	0.64	0.69	0.64	0.60	0.57
7	0.70	0.68	0.67	0.69	0.67	0.65	0.68	0.65	0.62	0.67	0.62	0.59	0.65	0.60	0.56	0.52
8	0.65	0.63	0.62	0.65	0.62	0.61	0.64	0.60	0.58	0.63	0.58	0.55	0.61	0.56	0.52	0.49
9	0.60	0.59	0.58	0.60	0.58	0.56	0.60	0.56	0.54	0.59	0.54	0.51	0.57	0.52	0.48	0.45
10	0.56	0.55	0.54	0.56	0.54	0.53	0.56	0.52	0.50	0.55	0.51	0.48	0.54	0.49	0.45	0.42

