Luminaire Property

Luminaire:

Report NO.: 100W
Test NO.:
Lamp: [LAMP]
Sum Lumens: 8574.12 lm
Number of Lamps: 1
Diameter: 200mm
Length: 0mm
Photometric Type: Type C

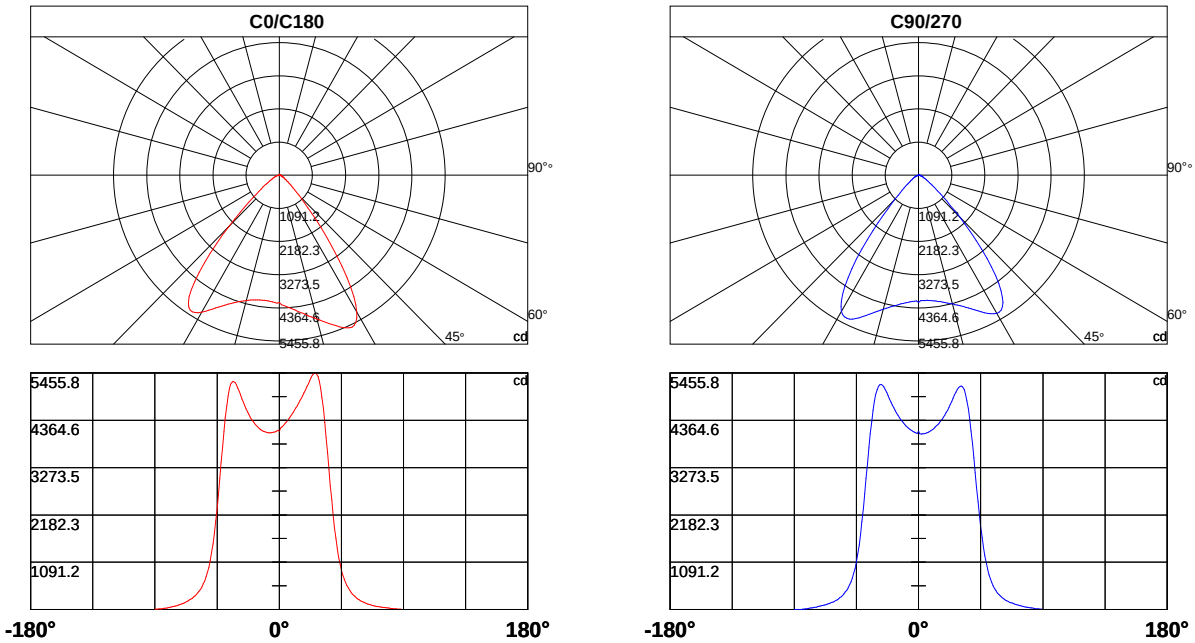
Voltage: 0.0 V
Current: 0.0 A
Power: W
Power Factor: 0.0
Ballast Type:
Width: 0mm
Height: 0mm
Remark:

Photometric Results

Lumens: 8574.12 lm
Efficiency: N.A
Central Intensity: 4113.675cd
Maximum Intensity: 5455.806cd

Beam Angle(10%): Left: -81.6 Right:23.1

Angle of maximum intensity: C:0.0 G:26.0
Half Peak Side Angle(50%): Left: -69.8 Right:11.4
Light Out Rate(LOR) : 100.00%
Up Flux Rate: 0.0%
Down Flux Rate: 100.0%



Photometric Data Table [cd]

C\G	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	4113.7	4183.7	4213.2	4245.0	4280.9	4317.1	4357.7	4400.3	4445.7	4490.8
45.0	4113.7	4050.9	4049.0	4051.9	4054.8	4063.7	4075.2	4089.7	4107.2	4128.1
90.0	4113.7	4050.9	4049.0	4051.9	4054.8	4063.7	4075.2	4089.7	4107.2	4128.1
135.0	4113.7	4137.0	4118.0	4102.1	4089.9	4081.6	4077.3	4075.6	4078.1	4084.7
180.0	4113.7	4137.0	4118.0	4102.1	4089.9	4081.6	4077.3	4075.6	4078.1	4084.7
225.0	4113.7	4064.1	4076.7	4090.3	4107.2	4126.8	4149.4	4174.6	4201.8	4234.5
270.0	4113.7	4064.1	4076.7	4090.3	4107.2	4126.8	4149.4	4174.6	4201.8	4234.5
315.0	4113.7	4183.7	4213.2	4245.0	4280.9	4317.1	4357.7	4400.3	4445.7	4490.8
360.0	4113.7	4183.7	4213.2	4245.0	4280.9	4317.1	4357.7	4400.3	4445.7	4490.8

C\G	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	4540.1	4590.3	4643.1	4697.9	4752.8	4811.5	4870.3	4934.6	4999.0	5069.2
45.0	4151.6	4176.4	4204.9	4236.1	4271.8	4307.0	4349.3	4389.1	4437.3	4485.8
90.0	4151.6	4176.4	4204.9	4236.1	4271.8	4307.0	4349.3	4389.1	4437.3	4485.8
135.0	4093.8	4106.8	4123.2	4142.6	4166.3	4192.9	4222.9	4258.6	4297.0	4340.2
180.0	4093.8	4106.8	4123.2	4142.6	4166.3	4192.9	4222.9	4258.6	4297.0	4340.2
225.0	4267.1	4303.9	4342.5	4386.8	4432.1	4481.9	4533.7	4592.8	4652.9	4721.4
270.0	4267.1	4303.9	4342.5	4386.8	4432.1	4481.9	4533.7	4592.8	4652.9	4721.4
315.0	4540.1	4590.3	4643.1	4697.9	4752.8	4811.5	4870.3	4934.6	4999.0	5069.2
360.0	4540.1	4590.3	4643.1	4697.9	4752.8	4811.5	4870.3	4934.6	4999.0	5069.2

C\G	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	5138.2	5209.9	5279.2	5346.9	5401.9	5442.2	5455.8	5437.6	5379.4	5268.9
45.0	4539.9	4596.5	4661.9	4727.4	4798.9	4870.5	4943.4	5011.8	5073.1	5119.4
90.0	4539.9	4596.5	4661.9	4727.4	4798.9	4870.5	4943.4	5011.8	5073.1	5119.4
135.0	4386.9	4439.9	4496.7	4560.1	4626.6	4700.4	4777.0	4860.0	4944.1	5030.2
180.0	4386.9	4439.9	4496.7	4560.1	4626.6	4700.4	4777.0	4860.0	4944.1	5030.2
225.0	4787.5	4860.8	4933.9	5007.6	5071.3	5128.7	5171.8	5192.3	5187.7	5151.0
270.0	4787.5	4860.8	4933.9	5007.6	5071.3	5128.7	5171.8	5192.3	5187.7	5151.0
315.0	5138.2	5209.9	5279.2	5346.9	5401.9	5442.2	5455.8	5437.6	5379.4	5268.9
360.0	5138.2	5209.9	5279.2	5346.9	5401.9	5442.2	5455.8	5437.6	5379.4	5268.9

C\G	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	5112.1	4890.0	4631.4	4309.6	3973.6	3598.6	3236.1	2862.5	2523.0	2187.4
45.0	5151.0	5157.4	5132.8	5069.4	4966.2	4814.6	4625.8	4386.8	4121.5	3810.1
90.0	5151.0	5157.4	5132.8	5069.4	4966.2	4814.6	4625.8	4386.8	4121.5	3810.1
135.0	5109.5	5181.5	5232.8	5261.1	5252.6	5198.1	5091.3	4924.0	4700.6	4420.9
180.0	5109.5	5181.5	5232.8	5261.1	5252.6	5198.1	5091.3	4924.0	4700.6	4420.9
225.0	5076.6	4957.5	4800.3	4590.7	4332.1	4050.6	3724.5	3390.0	3027.0	2681.4
270.0	5076.6	4957.5	4800.3	4590.7	4332.1	4050.6	3724.5	3390.0	3027.0	2681.4
315.0	5112.1	4890.0	4631.4	4309.6	3973.6	3598.6	3236.1	2862.5	2523.0	2187.4
360.0	5112.1	4890.0	4631.4	4309.6	3973.6	3598.6	3236.1	2862.5	2523.0	2187.4

Photometric Data Table [cd]

C\G	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	1900.2	1631.3	1409.7	1210.0	1050.8	910.5	798.2	699.5	620.4	549.4
45.0	3499.3	3157.0	2831.2	2497.4	2201.1	1911.9	1661.9	1430.4	1239.9	1067.5
90.0	3499.3	3157.0	2831.2	2497.4	2201.1	1911.9	1661.9	1430.4	1239.9	1067.5
135.0	4105.8	3755.3	3395.2	3023.4	2672.9	2336.1	2029.9	1751.3	1514.2	1304.8
180.0	4105.8	3755.3	3395.2	3023.4	2672.9	2336.1	2029.9	1751.3	1514.2	1304.8
225.0	2337.4	2026.6	1738.1	1495.4	1278.0	1100.7	947.9	826.7	720.1	634.2
270.0	2337.4	2026.6	1738.1	1495.4	1278.0	1100.7	947.9	826.7	720.1	634.2
315.0	1900.2	1631.3	1409.7	1210.0	1050.8	910.5	798.2	699.5	620.4	549.4
360.0	1900.2	1631.3	1409.7	1210.0	1050.8	910.5	798.2	699.5	620.4	549.4

C\G	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	491.7	439.0	396.3	356.0	322.4	291.4	265.0	240.2	219.9	200.3
45.0	927.5	803.6	704.6	617.3	544.8	482.0	431.8	387.4	348.0	314.5
90.0	927.5	803.6	704.6	617.3	544.8	482.0	431.8	387.4	348.0	314.5
135.0	1129.0	978.5	850.2	748.8	658.2	585.3	520.4	467.3	419.4	380.0
180.0	1129.0	978.5	850.2	748.8	658.2	585.3	520.4	467.3	419.4	380.0
225.0	560.3	498.5	444.9	401.3	360.8	326.7	295.7	269.5	245.3	224.9
270.0	560.3	498.5	444.9	401.3	360.8	326.7	295.7	269.5	245.3	224.9
315.0	491.7	439.0	396.3	356.0	322.4	291.4	265.0	240.2	219.9	200.3
360.0	491.7	439.0	396.3	356.0	322.4	291.4	265.0	240.2	219.9	200.3

C\G	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	183.8	167.9	153.5	139.8	128.2	116.3	106.2	96.4	88.4	80.4
45.0	284.6	258.6	235.2	215.0	196.4	180.1	166.5	152.4	142.3	130.1
90.0	284.6	258.6	235.2	215.0	196.4	180.1	166.5	152.4	142.3	130.1
135.0	343.5	313.1	284.4	260.6	237.7	218.5	198.9	182.1	165.8	150.7
180.0	343.5	313.1	284.4	260.6	237.7	218.5	198.9	182.1	165.8	150.7
225.0	204.9	188.3	172.6	159.7	146.8	134.9	123.9	114.2	104.7	95.2
270.0	204.9	188.3	172.6	159.7	146.8	134.9	123.9	114.2	104.7	95.2
315.0	183.8	167.9	153.5	139.8	128.2	116.3	106.2	96.4	88.4	80.4
360.0	183.8	167.9	153.5	139.8	128.2	116.3	106.2	96.4	88.4	80.4

C\G	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	74.3	68.1	63.0	58.2	53.7	49.4	45.2	41.3	36.7	32.8
45.0	119.1	108.8	99.8	89.9	84.3	74.3	67.1	61.3	55.8	49.6
90.0	119.1	108.8	99.8	89.9	84.3	74.3	67.1	61.3	55.8	49.6
135.0	135.9	123.3	111.1	99.8	89.4	80.4	71.9	64.2	56.6	50.0
180.0	135.9	123.3	111.1	99.8	89.4	80.4	71.9	64.2	56.6	50.0
225.0	86.7	78.5	70.4	63.8	55.8	49.6	42.6	37.8	31.6	25.8
270.0	86.7	78.5	70.4	63.8	55.8	49.6	42.6	37.8	31.6	25.8
315.0	74.3	68.1	63.0	58.2	53.7	49.4	45.2	41.3	36.7	32.8
360.0	74.3	68.1	63.0	58.2	53.7	49.4	45.2	41.3	36.7	32.8

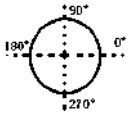
Photometric Data Table [cd]

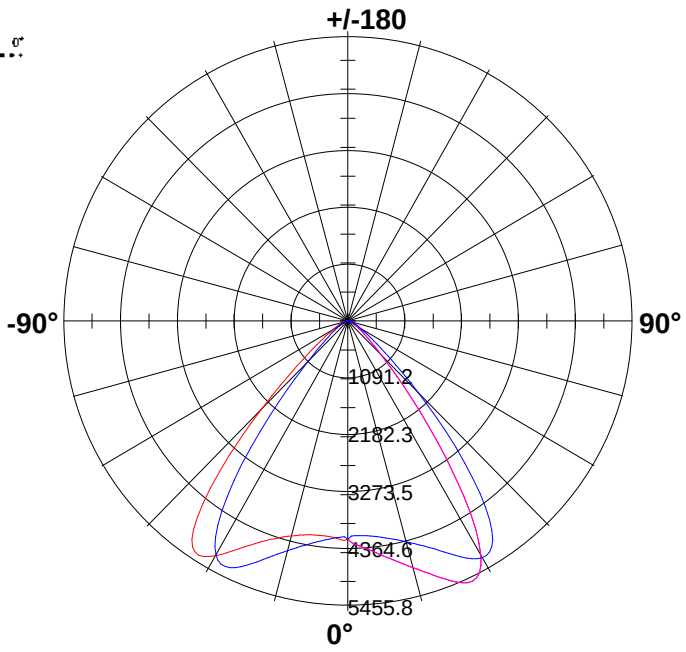
C\G	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	28.3	24.8	21.3	18.0	14.6	12.0	8.7	7.4	5.0	3.3
45.0	41.5	37.6	32.2	27.2	22.1	17.8	14.2	11.0	8.3	5.4
90.0	41.5	37.6	32.2	27.2	22.1	17.8	14.2	11.0	8.3	5.4
135.0	42.3	36.4	31.2	26.2	21.9	18.4	14.9	12.2	8.9	6.6
180.0	42.3	36.4	31.2	26.2	21.9	18.4	14.9	12.2	8.9	6.6
225.0	20.5	15.9	12.0	9.1	6.4	3.5	1.0	0.6	0.6	0.4
270.0	20.5	15.9	12.0	9.1	6.4	3.5	1.0	0.6	0.6	0.4
315.0	28.3	24.8	21.3	18.0	14.6	12.0	8.7	7.4	5.0	3.3
360.0	28.3	24.8	21.3	18.0	14.6	12.0	8.7	7.4	5.0	3.3

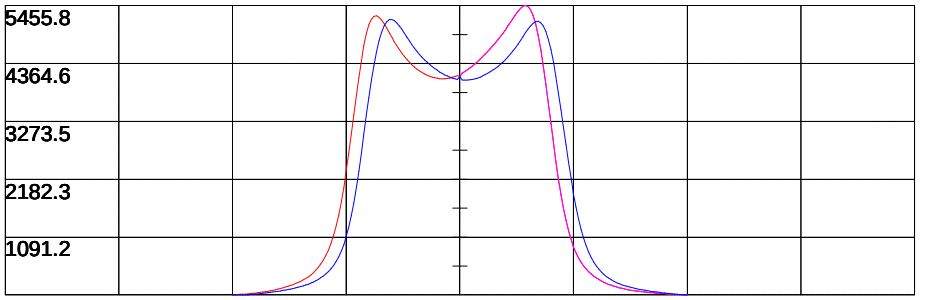
C\G	90.0
0.0	3.1
45.0	0.6
90.0	0.6
135.0	4.1
180.0	4.1
225.0	0.0
270.0	0.0
315.0	3.1
360.0	3.1

Light Distribution Curve [Unit: cd]

Luminaire



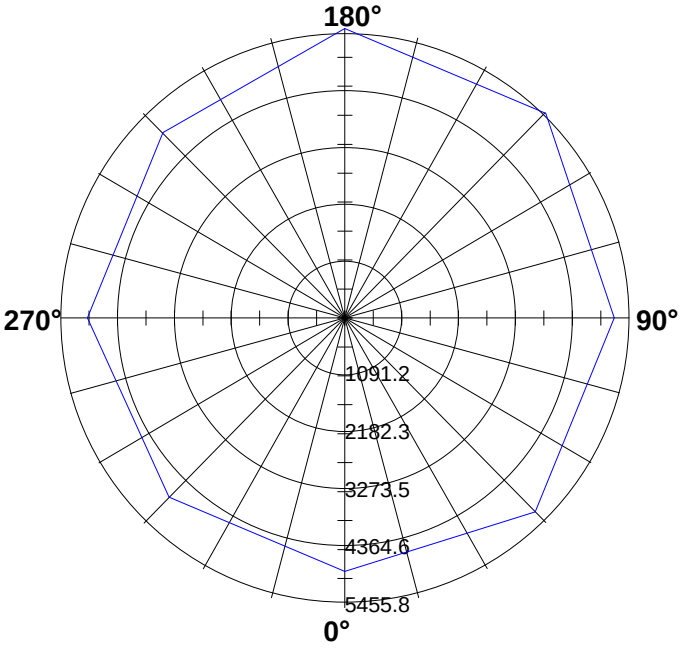


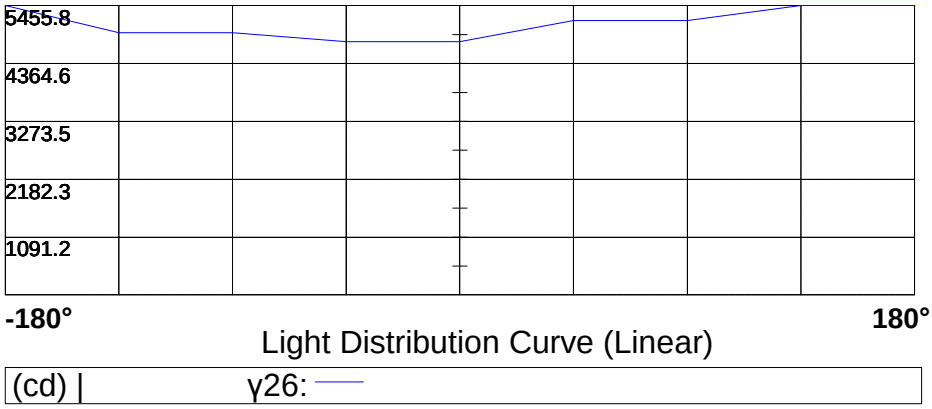


Light Distribution Curve (Linear)

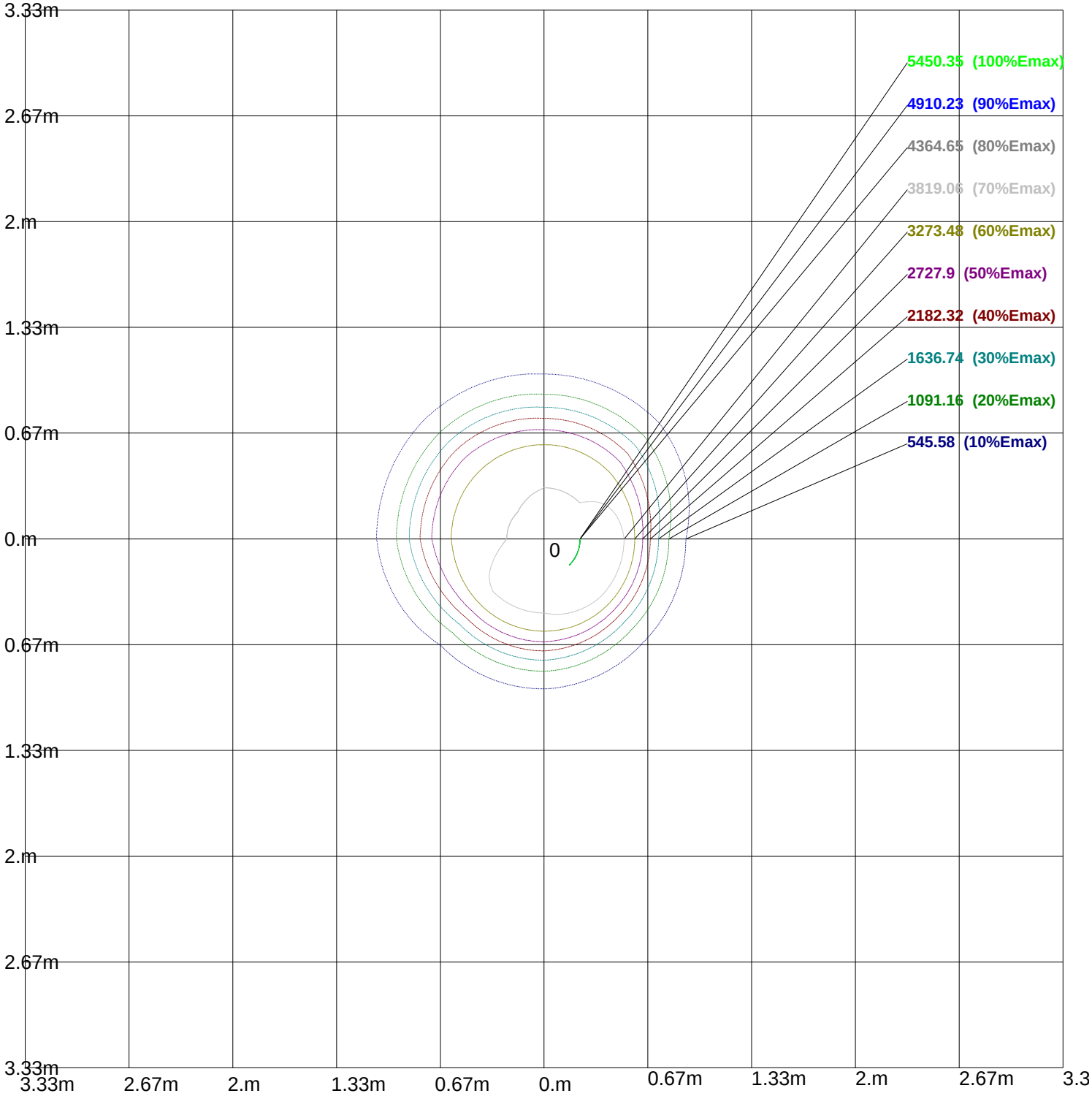
(cd) | C0/C180: C90/C270: C0:

Max Plane Light Distribution Curve [Unit: cd]





Iso-Lux[lx]



Height: 1 m
Max Illuminance : 5455.81lx

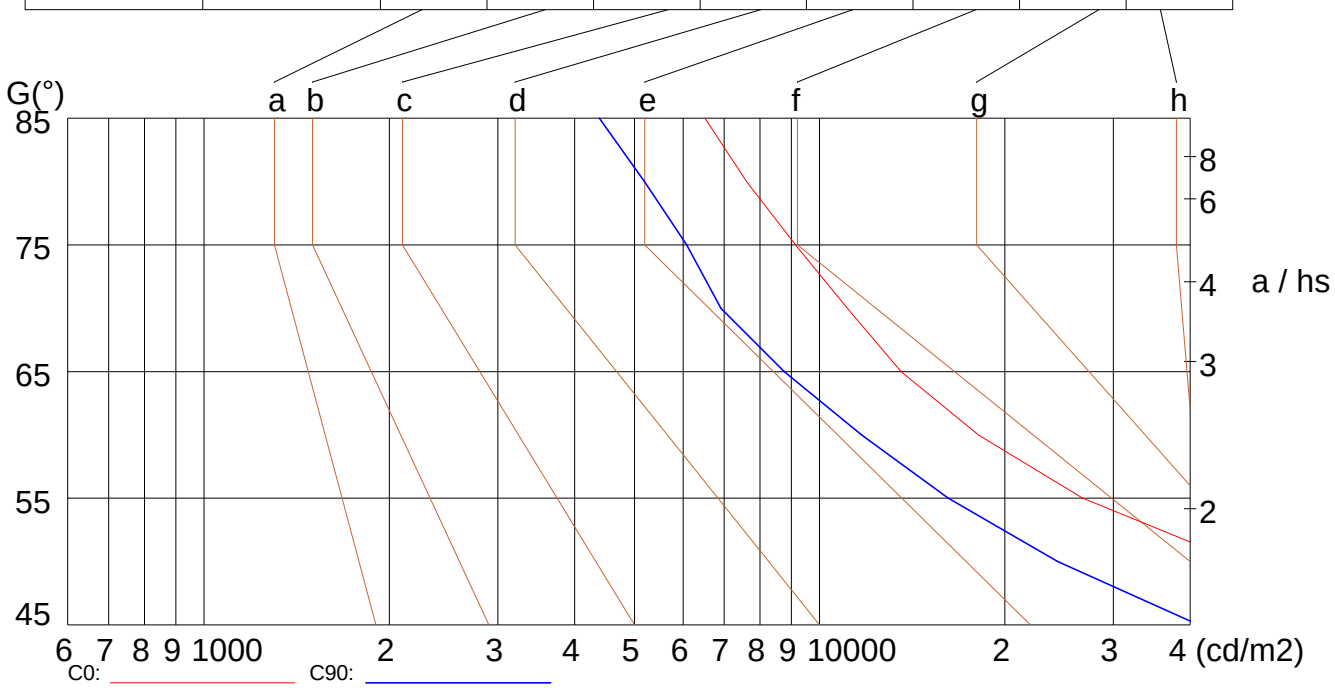
Luminance Limitting Curve

Diameter: 200mm
Length: 0mm
Width: 0mm
Height: 0mm

(cd/m2)

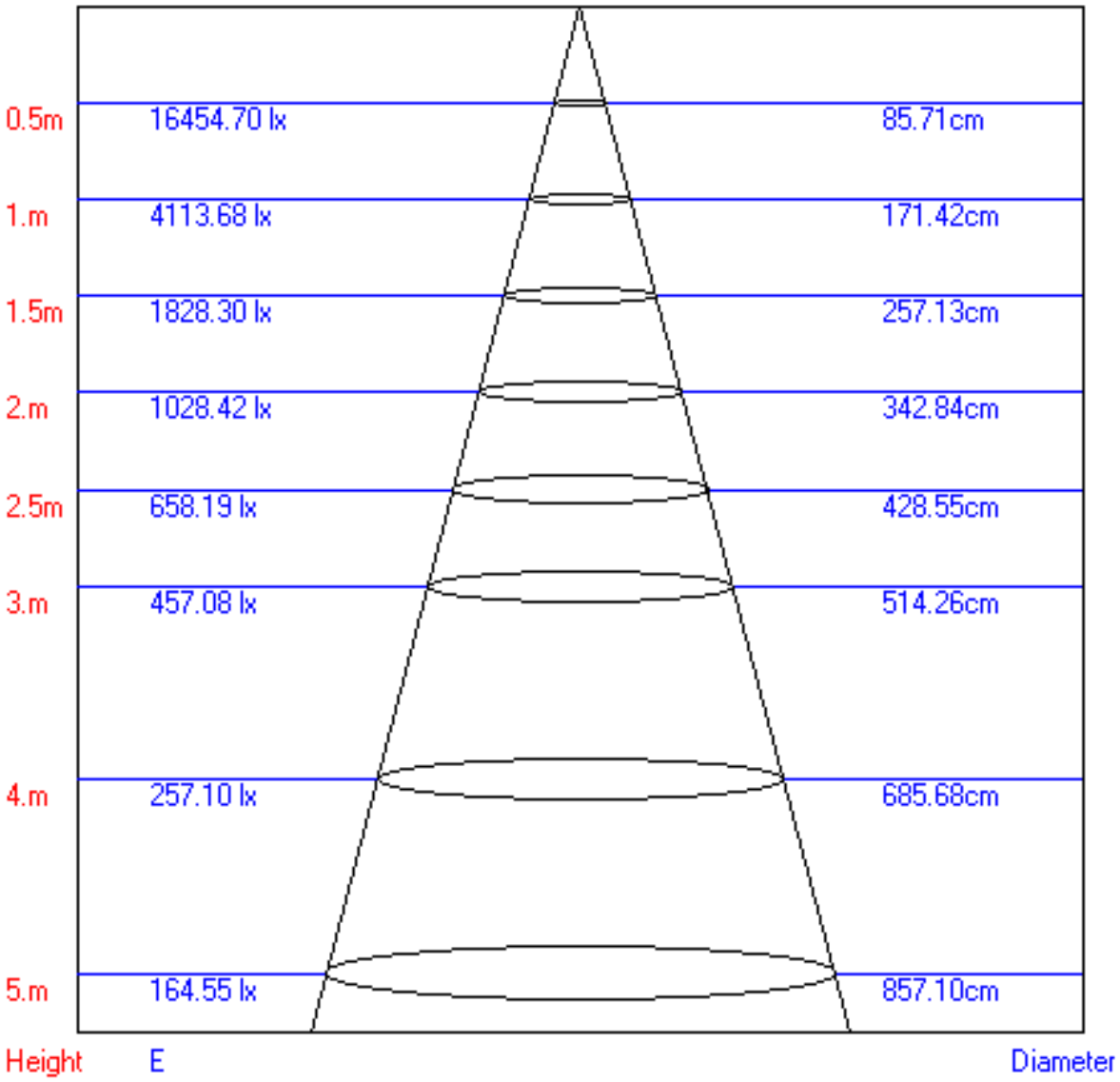
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	86108	45954	26761	18128	13572	11085	9136	7610	6513
C90	41006	24361	16179	11707	8767	6914	6082	5190	4388

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. Limitting Curve (C0/C90)

Lux-Distance Curve

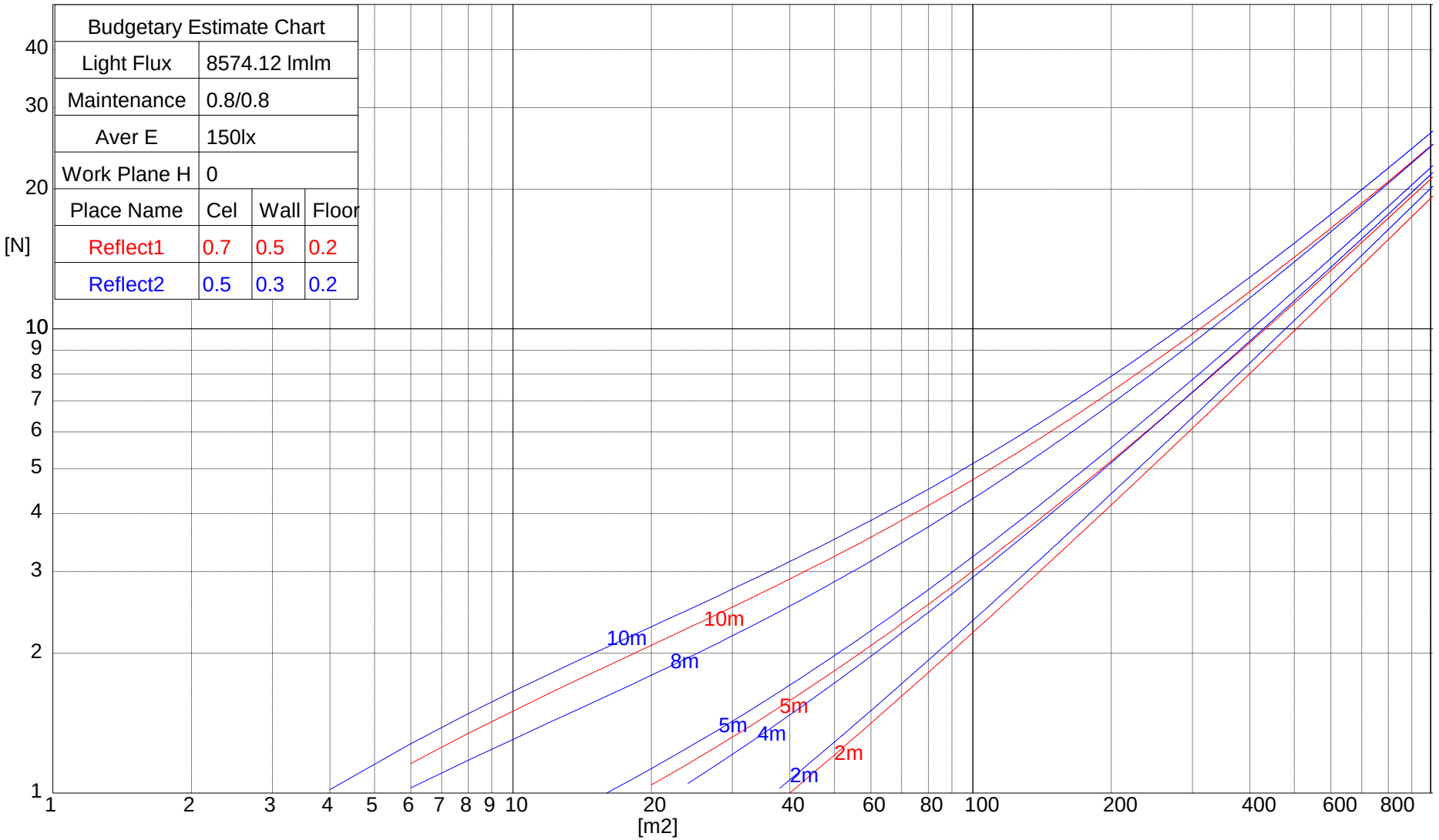


Beam Angle:81.20°

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	COEFFCIENTS 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	1.11	1.10	1.09	1.10	1.08	1.07	1.06	1.04	1.03	1.00	0.99	0.97	0.93	0.92	0.90	0.85
2	1.01	0.99	0.98	1.00	0.98	0.96	0.96	0.94	0.92	0.92	0.90	0.87	0.87	0.84	0.81	0.77
3	0.91	0.89	0.88	0.90	0.88	0.86	0.88	0.85	0.82	0.85	0.81	0.78	0.80	0.77	0.73	0.69
4	0.83	0.81	0.79	0.82	0.79	0.78	0.80	0.77	0.74	0.78	0.74	0.70	0.74	0.70	0.66	0.62
5	0.75	0.73	0.72	0.75	0.72	0.70	0.73	0.70	0.67	0.71	0.67	0.64	0.69	0.64	0.60	0.56
6	0.68	0.66	0.65	0.68	0.65	0.63	0.67	0.63	0.61	0.66	0.61	0.58	0.64	0.59	0.54	0.51
7	0.62	0.60	0.59	0.62	0.59	0.58	0.62	0.58	0.55	0.61	0.56	0.52	0.59	0.54	0.50	0.46
8	0.57	0.55	0.54	0.57	0.54	0.53	0.57	0.53	0.50	0.56	0.51	0.48	0.55	0.50	0.45	0.42
9	0.52	0.50	0.49	0.53	0.50	0.48	0.53	0.49	0.46	0.52	0.47	0.44	0.51	0.46	0.41	0.38
10	0.48	0.46	0.45	0.48	0.46	0.44	0.49	0.45	0.42	0.49	0.44	0.40	0.48	0.42	0.38	0.35

Budgetary Estimate Chart			
Light Flux	8574.12 lmlm		
Maintenance	0.8/0.8		
Aver E	150lx		
Work Plane H	0		
Place Name	Cel	Wall	Floor
Reflect1	0.7	0.5	0.2
Reflect2	0.5	0.3	0.2



Equipment:LINKCOLOR LCG-GONIO
Temperature:25 Deg
Date:[DATE] 2015-11-24
Humidity:60%
Operator: