

## Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] WS-HL245L160W-A3-120D

Sum Lumens: 22506.72 lm

Number of Lamps: 1

Diameter: 0mm

Length: -325mm

Photometric Type: Type C

Voltage: 221.8 V

Current: 0.7608 A

Power: 162.5 W

Power Factor: 0.963

Ballast Type:

Width: -325mm

Height: 188mm

Remark:

## Photometric Results

Lumens: 22506.72 lm

Efficiency: 100%

Central Intensity: 8381.392cd

Maximum Intensity: 8472.72cd

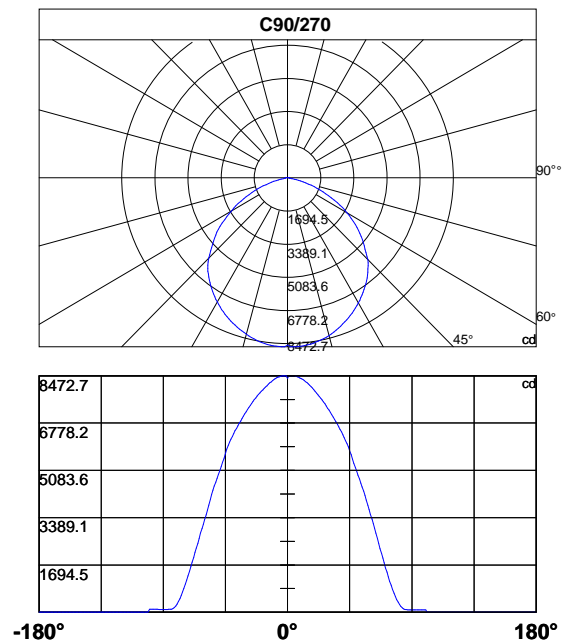
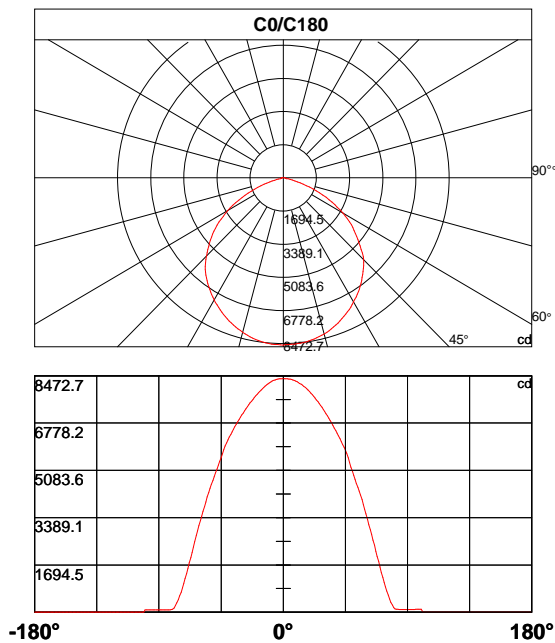
Beam Angle(10%): Left: -76.0 Right:74.8

Angle of maximum intensity: C:90.0 G:1.0

Half Peak Side Angle(50%): Left: -55.9 Right:54.7

Up Flux Rate: 0.47%

Down Flux Rate: 99.53%



**Photometric Data Table [cd]**

Cly	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	8381.4	8364.4	8361.0	8358.9	8355.8	8349.2	8338.9	8324.4	8306.1	8284.7
15.0	8381.4	8356.0	8353.3	8351.2	8350.5	8347.7	8340.4	8328.9	8312.3	8292.9
30.0	8381.4	8338.4	8336.0	8335.0	8335.6	8334.3	8329.5	8319.8	8304.3	8286.3
45.0	8381.4	8330.8	8329.8	8328.7	8329.8	8330.1	8328.0	8321.7	8309.9	8292.2
60.0	8381.4	8315.6	8314.5	8314.5	8314.9	8315.9	8315.2	8310.1	8299.1	8282.9
75.0	8381.4	8308.6	8307.3	8308.0	8307.6	8308.3	8308.3	8305.8	8298.2	8284.3
90.0	8381.4	8472.7	8472.4	8471.3	8471.3	8466.7	8454.5	8438.5	8416.4	8391.5
105.0	8381.4	8457.8	8456.5	8455.4	8454.4	8448.5	8437.2	8422.0	8401.3	8378.4
120.0	8381.4	8430.8	8428.4	8426.3	8423.5	8416.5	8405.4	8391.2	8373.2	8351.0
135.0	8381.4	8418.4	8417.0	8414.2	8408.4	8398.8	8384.9	8367.7	8346.9	8324.1
150.0	8381.4	8397.9	8396.2	8393.7	8387.4	8375.6	8361.4	8343.7	8322.6	8297.3
165.0	8381.4	8388.3	8388.6	8385.2	8377.6	8366.2	8351.4	8333.4	8312.0	8286.7
180.0	8381.4	8368.5	8368.5	8364.3	8355.6	8342.4	8324.7	8303.2	8278.6	8251.2
195.0	8381.4	8360.5	8359.2	8352.3	8340.2	8324.0	8302.3	8276.7	8249.0	8216.9
210.0	8381.4	8341.8	8339.4	8331.0	8316.4	8296.6	8273.0	8247.3	8216.6	8184.0
225.0	8381.4	8332.5	8328.4	8316.4	8298.4	8275.6	8249.7	8220.0	8187.4	8151.8
240.0	8381.4	8315.5	8310.3	8299.1	8279.6	8255.7	8228.0	8199.5	8166.0	8130.7
255.0	8381.4	8305.9	8298.0	8284.2	8263.8	8237.6	8208.9	8178.1	8142.8	8106.5
270.0	8381.4	8471.0	8469.6	8467.9	8464.5	8455.5	8439.7	8420.0	8394.8	8364.7
285.0	8381.4	8457.1	8455.4	8453.0	8448.4	8439.7	8424.8	8406.0	8383.9	8356.5
300.0	8381.4	8429.8	8427.4	8423.6	8418.1	8406.4	8391.2	8372.2	8350.1	8323.8
315.0	8381.4	8418.0	8415.6	8412.8	8406.5	8396.1	8380.5	8363.1	8342.0	8316.7
330.0	8381.4	8395.5	8392.5	8389.7	8384.2	8373.8	8359.7	8342.1	8321.0	8296.8
345.0	8381.4	8385.5	8382.0	8379.5	8373.6	8364.6	8352.1	8336.1	8316.4	8292.5
360.0	8381.4	8364.4	8361.0	8358.9	8355.8	8349.2	8338.9	8324.4	8306.1	8284.7

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	8260.1	8231.4	8200.6	8168.4	8132.1	8094.4	8054.7	8011.8	7964.1	7912.2
15.0	8271.4	8245.8	8217.0	8185.5	8152.2	8114.8	8075.3	8030.9	7984.8	7933.3
30.0	8264.9	8241.4	8213.4	8185.7	8154.6	8117.9	8076.2	8028.8	7979.0	7926.0
45.0	8273.1	8249.6	8225.7	8199.3	8170.2	8134.5	8092.2	8044.0	7993.8	7940.3
60.0	8262.8	8239.3	8214.8	8189.1	8159.7	8122.8	8080.4	8030.6	7980.0	7927.4
75.0	8265.9	8242.7	8219.1	8192.8	8164.7	8132.8	8095.0	8050.6	8004.9	7954.5
90.0	8365.1	8335.0	8302.4	8265.3	8225.8	8181.8	8135.0	8084.0	8030.3	7974.4
105.0	8350.4	8319.0	8283.7	8244.9	8205.1	8161.5	8117.0	8067.5	8015.9	7963.3
120.0	8324.6	8296.9	8265.7	8229.6	8190.5	8146.8	8101.7	8051.9	8001.3	7947.4
135.0	8295.7	8265.3	8232.4	8197.5	8157.7	8113.4	8066.8	8018.0	7966.4	7913.1
150.0	8269.2	8238.0	8204.4	8167.7	8129.9	8086.9	8041.2	7990.9	7937.9	7884.4
165.0	8257.0	8223.1	8185.7	8145.6	8104.7	8061.5	8013.9	7963.7	7909.7	7852.3
180.0	8219.3	8184.3	8145.8	8102.9	8059.2	8011.1	7962.2	7910.6	7857.6	7802.7
195.0	8183.6	8146.3	8106.1	8062.9	8016.5	7967.0	7917.0	7864.7	7810.7	7754.3
210.0	8147.6	8108.5	8065.8	8019.8	7974.0	7925.5	7875.0	7823.0	7768.6	7713.7
225.0	8112.4	8071.9	8029.3	7984.0	7937.6	7887.4	7837.0	7783.0	7727.3	7670.5
240.0	8091.9	8049.6	8005.3	7958.9	7912.8	7863.2	7812.3	7760.0	7705.6	7650.4
255.0	8066.3	8023.4	7978.1	7930.7	7883.2	7833.7	7784.0	7732.1	7674.3	7616.5
270.0	8331.5	8293.8	8253.7	8210.8	8164.8	8117.0	8068.0	8018.5	7967.2	7915.6
285.0	8325.3	8287.2	8246.0	8201.6	8155.2	8107.0	8057.2	8006.0	7956.4	7903.2

**Photometric Data Table [cd]**

<b>300.0</b>	8293.1	8256.4	8217.7	8176.1	8130.8	8083.1	8033.7	7981.8	7928.5	7872.8
<b>315.0</b>	8287.9	8254.7	8218.7	8180.2	8137.9	8092.2	8043.7	7994.2	7942.9	7889.7
<b>330.0</b>	8269.1	8237.7	8202.1	8164.3	8123.5	8079.6	8033.7	7982.8	7931.9	7877.6
<b>345.0</b>	8266.2	8236.7	8204.1	8168.8	8132.1	8092.6	8050.0	8003.5	7954.3	7899.0
<b>360.0</b>	8260.1	8231.4	8200.6	8168.4	8132.1	8094.4	8054.7	8011.8	7964.1	7912.2

<b>Cly</b>	<b>20.0</b>	<b>21.0</b>	<b>22.0</b>	<b>23.0</b>	<b>24.0</b>	<b>25.0</b>	<b>26.0</b>	<b>27.0</b>	<b>28.0</b>	<b>29.0</b>
<b>0.0</b>	7855.8	7796.0	7734.3	7674.1	7611.1	7546.7	7480.6	7411.2	7340.6	7265.5
<b>15.0</b>	7880.0	7822.5	7762.9	7701.6	7638.3	7573.8	7508.4	7441.2	7371.2	7298.8
<b>30.0</b>	7869.3	7811.8	7752.3	7691.4	7629.8	7566.8	7503.4	7437.8	7369.6	7298.3
<b>45.0</b>	7885.9	7830.1	7774.4	7716.5	7657.6	7596.0	7532.6	7465.8	7396.8	7326.5
<b>60.0</b>	7872.8	7819.1	7763.3	7706.6	7647.0	7584.8	7521.4	7455.8	7388.3	7319.4
<b>75.0</b>	7902.9	7849.2	7794.1	7737.0	7678.4	7618.5	7556.2	7492.1	7424.9	7353.5
<b>90.0</b>	7915.5	7854.5	7793.6	7728.9	7667.2	7604.8	7537.6	7466.9	7392.5	7315.9
<b>105.0</b>	7906.9	7848.8	7788.9	7726.9	7663.6	7600.5	7533.4	7458.9	7385.1	7307.6
<b>120.0</b>	7891.3	7833.5	7775.2	7713.3	7651.3	7585.8	7520.7	7450.3	7376.6	7301.4
<b>135.0</b>	7857.8	7801.7	7743.2	7681.9	7614.8	7548.3	7480.4	7410.4	7337.0	7262.6
<b>150.0</b>	7827.2	7769.4	7707.0	7644.0	7578.5	7512.0	7444.5	7375.9	7302.9	7230.5
<b>165.0</b>	7793.4	7733.5	7672.6	7610.6	7546.6	7479.1	7410.5	7338.7	7265.7	7192.3
<b>180.0</b>	7745.2	7686.3	7626.0	7563.7	7499.6	7432.0	7361.4	7289.3	7213.9	7139.8
<b>195.0</b>	7694.8	7635.2	7572.2	7508.8	7443.8	7375.2	7301.5	7226.3	7152.1	7079.4
<b>210.0</b>	7656.9	7596.3	7533.2	7468.5	7404.0	7334.4	7263.1	7191.1	7118.0	7044.9
<b>225.0</b>	7611.0	7549.4	7488.1	7423.0	7356.5	7289.0	7220.8	7149.0	7076.3	6999.5
<b>240.0</b>	7592.2	7531.5	7468.5	7403.4	7337.2	7268.0	7196.6	7123.2	7049.4	6973.2
<b>255.0</b>	7556.3	7493.0	7429.9	7364.2	7294.6	7223.6	7151.6	7079.5	7007.8	6929.3
<b>270.0</b>	7861.3	7804.6	7744.7	7682.0	7617.0	7550.2	7481.3	7410.9	7338.9	7263.1
<b>285.0</b>	7849.5	7793.1	7735.9	7675.0	7611.5	7543.7	7472.7	7401.0	7329.0	7255.9
<b>300.0</b>	7818.4	7760.3	7702.1	7641.2	7578.9	7514.8	7448.0	7376.3	7302.5	7227.1
<b>315.0</b>	7834.6	7777.1	7719.0	7657.3	7593.2	7526.4	7459.2	7389.2	7315.5	7242.0
<b>330.0</b>	7821.9	7765.5	7706.3	7645.7	7583.0	7520.4	7455.0	7385.9	7314.0	7240.9
<b>345.0</b>	7841.9	7782.0	7721.4	7659.7	7596.7	7532.0	7467.2	7398.6	7325.9	7252.1
<b>360.0</b>	7855.8	7796.0	7734.3	7674.1	7611.1	7546.7	7480.6	7411.2	7340.6	7265.5

<b>Cly</b>	<b>30.0</b>	<b>31.0</b>	<b>32.0</b>	<b>33.0</b>	<b>34.0</b>	<b>35.0</b>	<b>36.0</b>	<b>37.0</b>	<b>38.0</b>	<b>39.0</b>
<b>0.0</b>	7190.4	7114.2	7039.4	6955.4	6872.9	6782.3	6693.3	6601.9	6511.1	6418.0
<b>15.0</b>	7225.6	7150.5	7074.6	6993.2	6909.8	6823.9	6735.9	6649.3	6558.6	6464.4
<b>30.0</b>	7225.6	7148.8	7073.7	6995.5	6916.5	6833.8	6748.0	6660.0	6570.3	6478.9
<b>45.0</b>	7255.1	7182.3	7106.1	7029.3	6951.0	6872.7	6789.6	6706.1	6616.1	6525.7
<b>60.0</b>	7248.5	7174.8	7101.4	7024.9	6949.7	6871.1	6791.9	6708.1	6619.8	6529.1
<b>75.0</b>	7281.0	7205.9	7131.4	7056.6	6978.0	6896.6	6812.1	6729.3	6643.5	6556.9
<b>90.0</b>	7238.2	7157.9	7077.2	6996.2	6913.4	6826.1	6736.8	6648.4	6556.6	6461.0
<b>105.0</b>	7230.4	7150.1	7065.3	6980.8	6896.3	6809.1	6720.8	6631.1	6543.4	6443.1
<b>120.0</b>	7224.8	7148.9	7068.9	6985.4	6900.6	6814.3	6725.0	6633.2	6541.1	6448.5
<b>135.0</b>	7186.8	7112.0	7032.4	6947.6	6861.0	6773.4	6685.1	6593.4	6502.9	6411.2
<b>150.0</b>	7156.9	7080.4	7000.6	6915.5	6827.8	6738.8	6647.1	6556.7	6465.6	6374.2
<b>165.0</b>	7119.6	7043.8	6962.8	6877.0	6788.7	6699.0	6609.7	6517.6	6424.7	6329.9
<b>180.0</b>	7064.4	6985.1	6902.4	6817.9	6731.6	6645.4	6554.0	6463.2	6370.4	6274.1

**Photometric Data Table [cd]**

<b>195.0</b>	7006.4	6926.5	6844.1	6759.6	6671.7	6583.0	6496.5	6406.1	6310.2	6208.1
<b>210.0</b>	6966.5	6884.4	6801.6	6718.8	6632.3	6544.3	6454.2	6360.7	6263.8	6166.0
<b>225.0</b>	6919.9	6838.9	6754.8	6668.6	6583.0	6495.1	6402.7	6307.5	6210.8	6108.1
<b>240.0</b>	6894.1	6813.1	6730.0	6647.5	6562.3	6474.0	6377.7	6280.0	6178.5	6073.6
<b>255.0</b>	6847.2	6765.5	6678.6	6592.8	6506.5	6419.6	6330.0	6230.7	6129.2	6026.0
<b>270.0</b>	7187.6	7107.7	7026.7	6940.2	6856.0	6769.5	6683.2	6595.0	6500.8	6402.8
<b>285.0</b>	7182.3	7103.0	7020.2	6935.7	6850.9	6765.0	6676.0	6586.6	6491.3	6389.9
<b>300.0</b>	7150.2	7071.0	6991.3	6907.6	6821.4	6731.4	6642.1	6550.3	6454.0	6355.0
<b>315.0</b>	7167.1	7092.3	7014.7	6932.6	6846.7	6759.4	6666.3	6574.8	6477.9	6379.9
<b>330.0</b>	7165.1	7087.2	7008.6	6924.2	6840.4	6753.2	6668.3	6578.7	6486.5	6391.0
<b>345.0</b>	7176.8	7101.0	7024.8	6945.1	6860.3	6774.7	6685.7	6597.0	6504.2	6409.3
<b>360.0</b>	7190.4	7114.2	7039.4	6955.4	6872.9	6782.3	6693.3	6601.9	6511.1	6418.0

<b>C\γ</b>	<b>40.0</b>	<b>41.0</b>	<b>42.0</b>	<b>43.0</b>	<b>44.0</b>	<b>45.0</b>	<b>46.0</b>	<b>47.0</b>	<b>48.0</b>	<b>49.0</b>
<b>0.0</b>	6320.7	6222.8	6120.3	6017.5	5912.9	5806.0	5687.3	5529.2	5363.4	5201.0
<b>15.0</b>	6370.2	6272.5	6175.1	6071.9	5966.6	5859.6	5745.8	5610.5	5447.9	5292.8
<b>30.0</b>	6386.5	6293.3	6192.6	6091.9	5987.4	5880.4	5774.8	5646.9	5496.9	5343.5
<b>45.0</b>	6433.9	6340.0	6246.5	6148.5	6046.6	5942.4	5834.3	5722.2	5580.1	5423.3
<b>60.0</b>	6436.3	6344.9	6249.7	6156.5	6057.9	5953.4	5845.8	5733.6	5594.4	5435.3
<b>75.0</b>	6470.0	6379.8	6284.9	6187.6	6088.5	5986.7	5881.1	5777.6	5642.5	5489.8
<b>90.0</b>	6360.2	6254.2	6148.2	6038.1	5928.7	5791.4	5639.4	5484.7	5334.2	5193.6
<b>105.0</b>	6342.0	6236.5	6130.5	6021.8	5904.9	5756.6	5608.1	5460.2	5318.9	5184.5
<b>120.0</b>	6349.1	6244.9	6142.7	6036.0	5920.9	5768.2	5612.1	5463.3	5320.4	5181.9
<b>135.0</b>	6313.6	6209.1	6104.2	5996.5	5867.6	5712.0	5564.8	5418.7	5277.0	5137.8
<b>150.0</b>	6277.5	6174.2	6072.0	5961.9	5818.8	5662.0	5513.3	5376.9	5243.5	5108.5
<b>165.0</b>	6232.3	6128.5	6026.3	5910.4	5768.7	5618.5	5473.0	5333.8	5198.4	5064.4
<b>180.0</b>	6175.3	6070.7	5962.8	5829.3	5681.2	5540.3	5403.6	5270.2	5132.0	4992.5
<b>195.0</b>	6106.6	6006.9	5892.4	5744.2	5596.4	5453.3	5321.6	5185.3	5046.1	4909.3
<b>210.0</b>	6064.5	5958.4	5833.8	5685.3	5536.1	5390.1	5256.1	5123.4	4986.6	4846.5
<b>225.0</b>	6002.5	5891.0	5751.1	5600.6	5453.7	5310.4	5174.2	5037.1	4898.6	4758.1
<b>240.0</b>	5971.0	5857.1	5714.4	5562.1	5414.6	5271.3	5133.9	5002.3	4864.1	4725.5
<b>255.0</b>	5920.5	5790.8	5634.9	5480.1	5336.4	5198.8	5060.0	4921.8	4784.0	4645.5
<b>270.0</b>	6301.7	6198.2	6089.6	5980.2	5847.8	5685.8	5524.0	5368.2	5222.6	5081.7
<b>285.0</b>	6289.1	6186.2	6084.0	5978.5	5871.8	5728.6	5557.3	5392.5	5236.5	5090.4
<b>300.0</b>	6251.9	6150.1	6042.5	5933.1	5822.0	5680.7	5511.0	5344.8	5190.9	5045.0
<b>315.0</b>	6280.5	6176.2	6073.0	5964.6	5853.6	5724.9	5560.4	5398.8	5246.9	5106.0
<b>330.0</b>	6291.4	6190.3	6081.3	5973.2	5861.1	5730.8	5575.2	5415.6	5263.9	5118.4
<b>345.0</b>	6312.0	6207.0	6100.6	5992.3	5884.2	5771.0	5621.3	5461.0	5302.9	5157.2
<b>360.0</b>	6320.7	6222.8	6120.3	6017.5	5912.9	5806.0	5687.3	5529.2	5363.4	5201.0

<b>C\γ</b>	<b>50.0</b>	<b>51.0</b>	<b>52.0</b>	<b>53.0</b>	<b>54.0</b>	<b>55.0</b>	<b>56.0</b>	<b>57.0</b>	<b>58.0</b>	<b>59.0</b>
<b>0.0</b>	5050.3	4906.5	4760.8	4620.5	4480.9	4339.7	4199.4	4041.4	3858.2	3685.6
<b>15.0</b>	5141.9	4998.6	4855.3	4715.0	4565.1	4425.9	4278.4	4131.1	3972.6	3780.6
<b>30.0</b>	5195.7	5054.6	4912.7	4770.1	4627.7	4486.8	4333.2	4185.0	4032.6	3864.5
<b>45.0</b>	5270.7	5126.0	4983.3	4844.1	4699.1	4561.3	4426.5	4275.9	4126.5	3960.7
<b>60.0</b>	5279.5	5135.7	4998.1	4858.3	4719.4	4579.2	4437.6	4294.3	4155.4	3999.8
<b>75.0</b>	5338.2	5191.4	5048.5	4912.4	4773.5	4636.1	4497.2	4358.0	4218.4	4064.4

**Photometric Data Table [cd]**

<b>90.0</b>	5056.8	4914.5	4771.8	4628.5	4483.1	4336.6	4186.8	4020.4	3833.4	3678.1
<b>105.0</b>	5047.8	4905.9	4763.9	4619.5	4475.8	4324.3	4171.6	3992.1	3813.4	3649.9
<b>120.0</b>	5045.8	4906.0	4771.5	4631.4	4494.5	4347.6	4190.5	4006.7	3829.9	3673.0
<b>135.0</b>	5000.4	4861.9	4721.3	4579.4	4440.8	4294.4	4127.4	3942.3	3760.8	3592.1
<b>150.0</b>	4974.4	4830.1	4690.8	4547.9	4401.8	4257.8	4085.4	3913.9	3735.1	3575.7
<b>165.0</b>	4927.3	4786.1	4645.5	4497.7	4353.6	4202.7	4031.2	3862.2	3701.5	3536.0
<b>180.0</b>	4854.7	4715.9	4580.7	4436.4	4292.2	4131.0	3951.5	3788.9	3612.8	3446.6
<b>195.0</b>	4772.2	4633.0	4491.8	4344.4	4191.0	3999.6	3819.1	3661.0	3489.4	3321.4
<b>210.0</b>	4712.4	4574.9	4433.6	4287.6	4110.1	3917.0	3734.8	3569.2	3404.6	3251.7
<b>225.0</b>	4619.6	4475.9	4324.7	4169.3	3985.0	3810.7	3640.0	3474.8	3319.3	3151.4
<b>240.0</b>	4579.4	4429.8	4283.7	4134.5	3949.3	3773.1	3602.5	3432.1	3265.0	3107.9
<b>255.0</b>	4503.3	4356.5	4211.1	4035.8	3857.6	3686.4	3520.2	3348.5	3188.1	3021.6
<b>270.0</b>	4938.8	4799.5	4659.0	4519.7	4375.4	4228.3	4033.9	3836.2	3665.6	3494.9
<b>285.0</b>	4945.0	4801.6	4655.8	4513.1	4360.9	4218.4	4058.1	3857.5	3676.8	3498.6
<b>300.0</b>	4902.7	4763.5	4622.6	4482.0	4328.1	4174.4	4027.1	3834.4	3651.8	3478.3
<b>315.0</b>	4965.7	4823.7	4676.2	4525.5	4365.7	4215.1	4070.5	3903.2	3728.0	3556.3
<b>330.0</b>	4978.2	4839.0	4693.6	4551.3	4401.8	4253.2	4099.9	3927.7	3754.5	3588.3
<b>345.0</b>	5013.1	4869.0	4719.9	4578.6	4430.5	4288.1	4141.5	3982.8	3801.6	3608.6
<b>360.0</b>	5050.3	4906.5	4760.8	4620.5	4480.9	4339.7	4199.4	4041.4	3858.2	3685.6

<b>Clγ</b>	<b>60.0</b>	<b>61.0</b>	<b>62.0</b>	<b>63.0</b>	<b>64.0</b>	<b>65.0</b>	<b>66.0</b>	<b>67.0</b>	<b>68.0</b>	<b>69.0</b>
<b>0.0</b>	3526.9	3329.4	3130.7	2950.8	2774.1	2588.3	2404.1	2186.6	1998.3	1813.0
<b>15.0</b>	3604.1	3439.5	3266.0	3081.8	2903.9	2715.2	2520.9	2321.7	2122.7	1939.7
<b>30.0</b>	3695.6	3520.6	3346.1	3172.6	3011.1	2828.8	2620.4	2452.0	2251.8	2067.8
<b>45.0</b>	3792.7	3625.5	3457.6	3292.1	3126.0	2968.7	2796.7	2592.6	2406.7	2226.4
<b>60.0</b>	3815.8	3631.4	3455.8	3299.1	3146.0	2988.1	2828.6	2636.7	2445.9	2276.4
<b>75.0</b>	3886.2	3715.4	3539.0	3376.9	3210.5	3048.4	2886.6	2710.9	2521.7	2345.6
<b>90.0</b>	3505.1	3342.4	3181.6	3010.5	2836.3	2640.7	2452.5	2276.0	2099.6	1936.4
<b>105.0</b>	3478.2	3318.9	3157.9	2987.0	2793.3	2605.6	2429.6	2262.3	2095.4	1924.3
<b>120.0</b>	3503.4	3338.8	3168.2	3002.2	2826.3	2637.1	2462.6	2293.0	2123.3	1943.4
<b>135.0</b>	3438.2	3283.9	3121.6	2961.9	2751.6	2584.9	2409.1	2240.4	2074.9	1878.2
<b>150.0</b>	3409.2	3246.5	3086.0	2909.5	2710.8	2527.2	2344.0	2160.6	1964.5	1772.3
<b>165.0</b>	3363.6	3199.2	2994.6	2817.1	2635.3	2428.5	2242.4	2046.2	1860.5	1664.2
<b>180.0</b>	3281.9	3100.2	2918.5	2741.4	2527.2	2333.2	2139.3	1951.6	1767.1	1575.0
<b>195.0</b>	3157.2	2992.2	2786.9	2602.5	2427.2	2236.3	2046.2	1849.9	1674.2	1479.7
<b>210.0</b>	3086.1	2909.3	2716.7	2541.9	2372.9	2186.8	2014.7	1801.1	1620.6	1462.5
<b>225.0</b>	2988.6	2799.6	2617.1	2452.1	2281.1	2120.0	1935.3	1754.9	1586.8	1417.5
<b>240.0</b>	2932.8	2759.2	2575.9	2407.6	2239.1	2070.4	1885.9	1712.8	1550.5	1395.3
<b>255.0</b>	2858.1	2678.0	2496.3	2333.7	2173.0	2014.7	1837.6	1660.0	1496.8	1337.5
<b>270.0</b>	3311.8	3147.6	3000.3	2833.3	2642.8	2469.8	2302.4	2142.4	1962.2	1790.4
<b>285.0</b>	3336.8	3168.9	3006.2	2840.8	2656.9	2488.6	2311.6	2134.8	1977.2	1788.9
<b>300.0</b>	3317.5	3158.6	2995.3	2827.4	2624.9	2449.4	2288.9	2128.9	1973.1	1787.8
<b>315.0</b>	3382.9	3218.7	3049.4	2882.4	2704.2	2524.2	2341.7	2159.3	1992.0	1803.3
<b>330.0</b>	3418.6	3244.7	3072.2	2898.4	2720.1	2513.4	2331.7	2151.6	1968.5	1787.4
<b>345.0</b>	3442.1	3276.4	3089.8	2904.5	2720.1	2536.2	2345.8	2155.1	1933.3	1753.8
<b>360.0</b>	3526.9	3329.4	3130.7	2950.8	2774.1	2588.3	2404.1	2186.6	1998.3	1813.0

**Photometric Data Table [cd]**

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	1622.7	1420.2	1246.3	1066.3	911.9	757.8	615.9	473.2	352.1	252.4
15.0	1753.5	1561.6	1377.5	1182.4	1020.9	874.2	726.3	595.6	469.8	350.2
30.0	1869.9	1682.1	1512.4	1344.8	1162.5	1007.8	853.5	711.2	595.0	465.1
45.0	2046.2	1875.4	1692.5	1520.0	1360.5	1188.1	1028.4	874.7	735.3	610.4
60.0	2107.8	1946.3	1771.4	1607.5	1449.2	1283.1	1127.5	980.4	833.4	697.6
75.0	2169.7	2009.0	1835.7	1668.8	1512.4	1360.3	1191.9	1050.3	905.5	769.6
90.0	1763.9	1582.6	1437.1	1262.0	1107.6	966.5	818.3	681.1	569.2	455.9
105.0	1750.6	1580.9	1429.1	1256.9	1102.0	960.2	818.6	684.4	559.9	447.0
120.0	1766.5	1605.9	1446.2	1273.0	1120.8	975.8	823.8	691.0	569.6	454.6
135.0	1699.0	1523.1	1346.0	1182.4	1022.0	873.2	724.4	590.0	478.6	376.8
150.0	1592.9	1406.5	1234.7	1062.5	901.5	756.2	622.3	492.2	389.7	292.9
165.0	1484.1	1303.0	1128.6	967.0	805.6	662.7	535.4	403.1	286.5	196.6
180.0	1387.0	1206.3	1033.9	875.9	718.2	588.0	452.5	331.6	241.8	152.4
195.0	1307.1	1134.3	972.0	809.7	671.3	547.3	434.3	329.0	237.1	165.6
210.0	1282.9	1117.0	974.9	816.8	683.3	556.8	438.6	341.0	260.7	204.1
225.0	1257.5	1106.8	956.3	805.8	677.7	549.5	441.0	340.8	264.9	198.4
240.0	1240.7	1092.0	941.0	805.6	672.8	552.6	438.6	338.6	256.4	194.6
255.0	1184.4	1040.3	899.1	757.9	627.8	513.0	403.4	310.4	230.2	165.2
270.0	1630.0	1473.8	1302.0	1154.5	1009.4	852.3	722.6	595.1	483.9	379.4
285.0	1632.8	1475.7	1315.3	1158.6	1013.1	860.7	729.0	603.5	487.2	387.8
300.0	1623.4	1468.6	1302.6	1146.3	1017.2	856.2	722.8	590.8	474.7	377.1
315.0	1624.1	1466.3	1307.5	1144.3	997.5	837.9	712.4	585.6	473.7	377.2
330.0	1588.5	1418.9	1249.0	1076.2	926.0	775.9	646.2	518.4	419.4	329.6
345.0	1564.7	1389.3	1210.4	1037.1	883.6	748.5	617.4	484.7	374.5	281.9
360.0	1622.7	1420.2	1246.3	1066.3	911.9	757.8	615.9	473.2	352.1	252.4

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	165.1	121.0	109.7	102.7	98.6	95.4	94.5	94.7	95.1	95.2
15.0	259.4	169.2	138.0	120.8	106.9	100.2	96.2	95.4	95.2	95.5
30.0	362.1	271.3	205.4	167.4	133.5	109.4	99.7	97.1	95.9	95.0
45.0	490.5	389.1	306.5	240.1	179.1	133.4	108.5	102.2	99.1	96.9
60.0	569.4	466.5	362.0	282.4	205.7	144.8	118.6	110.1	101.7	98.2
75.0	637.7	522.0	422.1	322.4	243.2	192.0	141.0	118.3	104.7	100.3
90.0	357.4	272.3	213.6	155.1	119.2	97.8	90.5	85.8	82.9	81.5
105.0	348.5	268.4	199.6	144.7	113.9	95.0	88.6	84.6	82.0	80.8
120.0	357.8	275.8	213.8	152.0	116.3	96.5	90.3	86.3	83.8	82.4
135.0	287.8	218.2	166.4	130.8	111.2	91.8	87.6	84.9	83.4	82.7
150.0	226.8	161.0	128.6	107.4	94.6	87.6	85.0	83.7	82.9	83.6
165.0	132.4	112.4	99.7	90.4	85.3	83.0	82.5	82.3	82.5	81.7
180.0	107.3	97.2	90.2	85.9	82.9	81.9	82.2	82.5	82.1	79.9
195.0	124.7	109.4	94.3	86.8	83.9	82.9	82.7	82.8	82.5	81.6
210.0	147.8	116.9	96.4	87.8	85.0	83.4	82.9	82.5	83.0	83.5
225.0	142.7	109.2	91.4	86.9	84.3	82.6	81.8	81.6	82.4	82.7
240.0	133.1	106.5	90.6	86.6	83.6	81.8	80.7	80.9	81.7	82.3
255.0	122.5	105.3	88.2	84.4	81.8	80.3	79.2	79.9	80.8	81.6
270.0	294.5	220.0	169.0	128.8	109.4	104.0	100.3	97.9	96.3	95.8
285.0	299.1	230.2	161.5	127.4	110.3	104.6	100.9	98.4	96.8	96.4

**Photometric Data Table [cd]**

<b>300.0</b>	291.6	217.1	158.4	125.5	114.7	104.2	100.7	98.0	96.5	96.6
<b>315.0</b>	297.2	235.1	173.1	133.9	111.3	104.7	101.6	99.0	96.9	96.8
<b>330.0</b>	253.3	206.2	159.6	128.4	110.2	101.8	99.6	98.1	96.8	96.5
<b>345.0</b>	219.0	156.4	128.6	112.0	102.9	98.5	97.1	96.7	96.6	96.5
<b>360.0</b>	165.1	121.0	109.7	102.7	98.6	95.4	94.5	94.7	95.1	95.2

<b>Cly</b>	<b>90.0</b>	<b>91.0</b>	<b>92.0</b>	<b>93.0</b>	<b>94.0</b>	<b>95.0</b>	<b>96.0</b>	<b>97.0</b>	<b>98.0</b>	<b>99.0</b>
<b>0.0</b>	94.1	94.7	95.7	96.8	97.8	98.8	99.9	101.1	102.2	103.3
<b>15.0</b>	95.3	95.9	96.2	96.3	97.3	98.4	99.5	100.6	101.7	102.8
<b>30.0</b>	95.7	96.6	97.0	97.2	97.6	98.0	98.7	99.8	100.9	101.9
<b>45.0</b>	95.6	96.1	96.8	97.7	98.2	98.5	99.0	99.8	100.8	101.8
<b>60.0</b>	96.0	95.8	95.9	96.8	97.6	98.1	98.8	99.6	100.5	101.4
<b>75.0</b>	97.4	96.3	95.3	95.7	96.7	97.6	98.4	99.3	100.2	101.1
<b>90.0</b>	80.6	81.4	82.3	83.2	84.0	84.8	85.7	86.6	87.6	88.5
<b>105.0</b>	80.4	81.3	82.0	82.6	83.2	84.0	84.9	85.8	86.7	87.7
<b>120.0</b>	82.4	83.1	83.7	84.0	84.3	84.6	85.1	85.8	86.7	87.7
<b>135.0</b>	83.4	84.0	84.2	83.9	83.7	84.2	84.9	85.8	86.7	87.6
<b>150.0</b>	84.4	84.6	83.7	83.0	83.2	83.8	84.8	85.7	86.7	87.7
<b>165.0</b>	81.8	82.0	81.4	81.8	82.7	83.6	84.6	85.6	86.5	87.5
<b>180.0</b>	79.3	80.2	81.1	82.1	83.1	84.0	85.0	86.0	87.0	88.0
<b>195.0</b>	81.7	81.7	81.6	82.5	83.4	84.3	85.3	86.3	87.3	88.2
<b>210.0</b>	83.3	82.5	82.2	83.1	84.0	84.9	85.9	86.9	87.8	88.8
<b>225.0</b>	82.4	82.1	82.6	83.5	84.4	85.3	86.3	87.2	88.2	89.1
<b>240.0</b>	82.7	82.8	83.3	84.1	85.0	85.9	86.8	87.7	88.6	89.5
<b>255.0</b>	82.3	83.0	83.7	84.4	85.3	86.1	86.9	87.8	88.8	89.7
<b>270.0</b>	96.8	97.8	98.8	99.9	100.9	101.9	102.9	103.9	105.0	106.0
<b>285.0</b>	97.4	98.3	99.2	100.1	101.0	102.0	103.1	104.1	105.2	106.2
<b>300.0</b>	97.5	98.2	98.8	99.5	100.5	101.5	102.6	103.6	104.7	105.7
<b>315.0</b>	97.7	98.3	98.6	99.1	100.0	101.1	102.2	103.3	104.3	105.4
<b>330.0</b>	97.4	98.0	97.8	98.1	99.0	100.1	101.2	102.3	103.3	104.4
<b>345.0</b>	96.3	97.0	97.3	97.7	98.8	99.8	100.9	102.0	103.1	104.2
<b>360.0</b>	94.1	94.7	95.7	96.8	97.8	98.8	99.9	101.1	102.2	103.3

<b>Cly</b>	<b>100.0</b>	<b>101.0</b>	<b>102.0</b>	<b>103.0</b>	<b>104.0</b>	<b>105.0</b>	<b>106.0</b>	<b>107.0</b>	<b>108.0</b>	<b>109.0</b>
<b>0.0</b>	104.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>15.0</b>	103.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>30.0</b>	103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>45.0</b>	102.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>60.0</b>	102.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>75.0</b>	102.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>90.0</b>	89.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>105.0</b>	88.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>120.0</b>	88.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>135.0</b>	88.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>150.0</b>	88.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>165.0</b>	88.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>180.0</b>	89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Photometric Data Table [cd]**

<b>195.0</b>	89.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>210.0</b>	89.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>225.0</b>	90.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>240.0</b>	90.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>255.0</b>	90.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>270.0</b>	107.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>285.0</b>	107.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>300.0</b>	106.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>315.0</b>	106.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>330.0</b>	105.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>345.0</b>	105.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>360.0</b>	104.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<b>Cly</b>	<b>110.0</b>	<b>111.0</b>	<b>112.0</b>	<b>113.0</b>	<b>114.0</b>	<b>115.0</b>	<b>116.0</b>	<b>117.0</b>	<b>118.0</b>	<b>119.0</b>
<b>0.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>15.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>30.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>45.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>60.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>75.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>90.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>105.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>120.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>135.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>150.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>165.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>180.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>195.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>210.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>225.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>240.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>255.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>270.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>285.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>300.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>315.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>330.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>345.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>360.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<b>Cly</b>	<b>120.0</b>	<b>121.0</b>	<b>122.0</b>	<b>123.0</b>	<b>124.0</b>	<b>125.0</b>	<b>126.0</b>	<b>127.0</b>	<b>128.0</b>	<b>129.0</b>
<b>0.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>15.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>30.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>45.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>60.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>75.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



**Photometric Data Table [cd]**

<b>90.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>105.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>120.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>135.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>150.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>165.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>180.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>195.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>210.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>225.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>240.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>255.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>270.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>285.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>300.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>315.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>330.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>345.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>360.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<b>C<sub>v</sub></b>	<b>130.0</b>	<b>131.0</b>	<b>132.0</b>	<b>133.0</b>	<b>134.0</b>	<b>135.0</b>	<b>136.0</b>	<b>137.0</b>	<b>138.0</b>	<b>139.0</b>
<b>0.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>15.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>30.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>45.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>60.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>75.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>90.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>105.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>120.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>135.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>150.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>165.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>180.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>195.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>210.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>225.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>240.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>255.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>270.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>285.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>300.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>315.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>330.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>345.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>360.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Photometric Data Table [cd]**

Cly	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
15.0	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
45.0	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
75.0	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
105.0	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
135.0	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
165.0	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
195.0	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
225.0	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
255.0	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
285.0	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
315.0	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
345.0	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

Cly	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
15.0	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
45.0	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
75.0	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
105.0	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
135.0	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
165.0	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
195.0	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
225.0	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
255.0	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
285.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Photometric Data Table [cd]**

<b>300.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>315.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>330.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>345.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>360.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<b>Cly</b>	<b>160.0</b>	<b>161.0</b>	<b>162.0</b>	<b>163.0</b>	<b>164.0</b>	<b>165.0</b>	<b>166.0</b>	<b>167.0</b>	<b>168.0</b>	<b>169.0</b>
<b>0.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>15.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>30.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>45.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>60.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>75.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>90.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>105.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>120.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>135.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>150.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>165.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>180.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>195.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>210.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>225.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>240.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>255.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>270.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>285.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>300.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>315.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>330.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>345.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>360.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<b>Cly</b>	<b>170.0</b>	<b>171.0</b>	<b>172.0</b>	<b>173.0</b>	<b>174.0</b>	<b>175.0</b>	<b>176.0</b>	<b>177.0</b>	<b>178.0</b>	<b>179.0</b>
<b>0.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>15.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>30.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>45.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>60.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>75.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>90.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>105.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>120.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>135.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>150.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>165.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>180.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

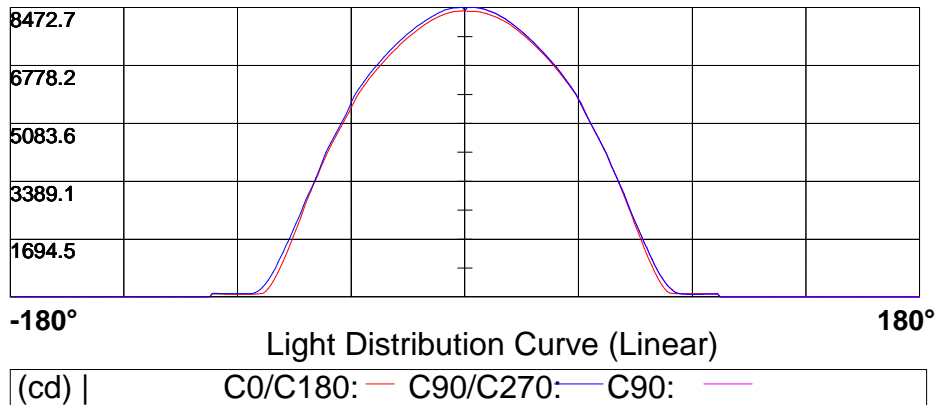
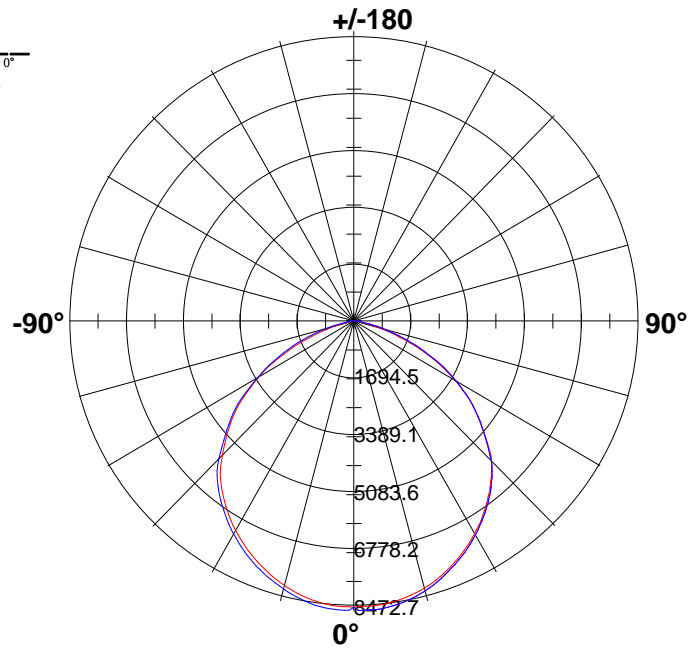
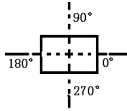
**Photometric Data Table [cd]**

195.0	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
225.0	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
255.0	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
285.0	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
315.0	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
345.0	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

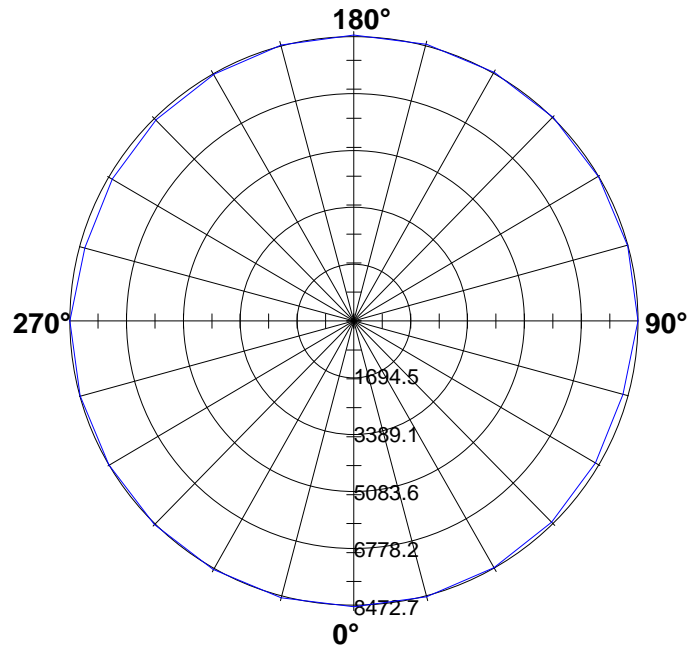
Cly	<b>180.0</b>
0.0	0.0
15.0	0.0
30.0	0.0
45.0	0.0
60.0	0.0
75.0	0.0
90.0	0.0
105.0	0.0
120.0	0.0
135.0	0.0
150.0	0.0
165.0	0.0
180.0	0.0
195.0	0.0
210.0	0.0
225.0	0.0
240.0	0.0
255.0	0.0
270.0	0.0
285.0	0.0
300.0	0.0
315.0	0.0
330.0	0.0
345.0	0.0
360.0	0.0

Light Distribution Curve [Unit: cd]

Luminaire



**Max Plane Light Distribution Curve [Unit: cd]**

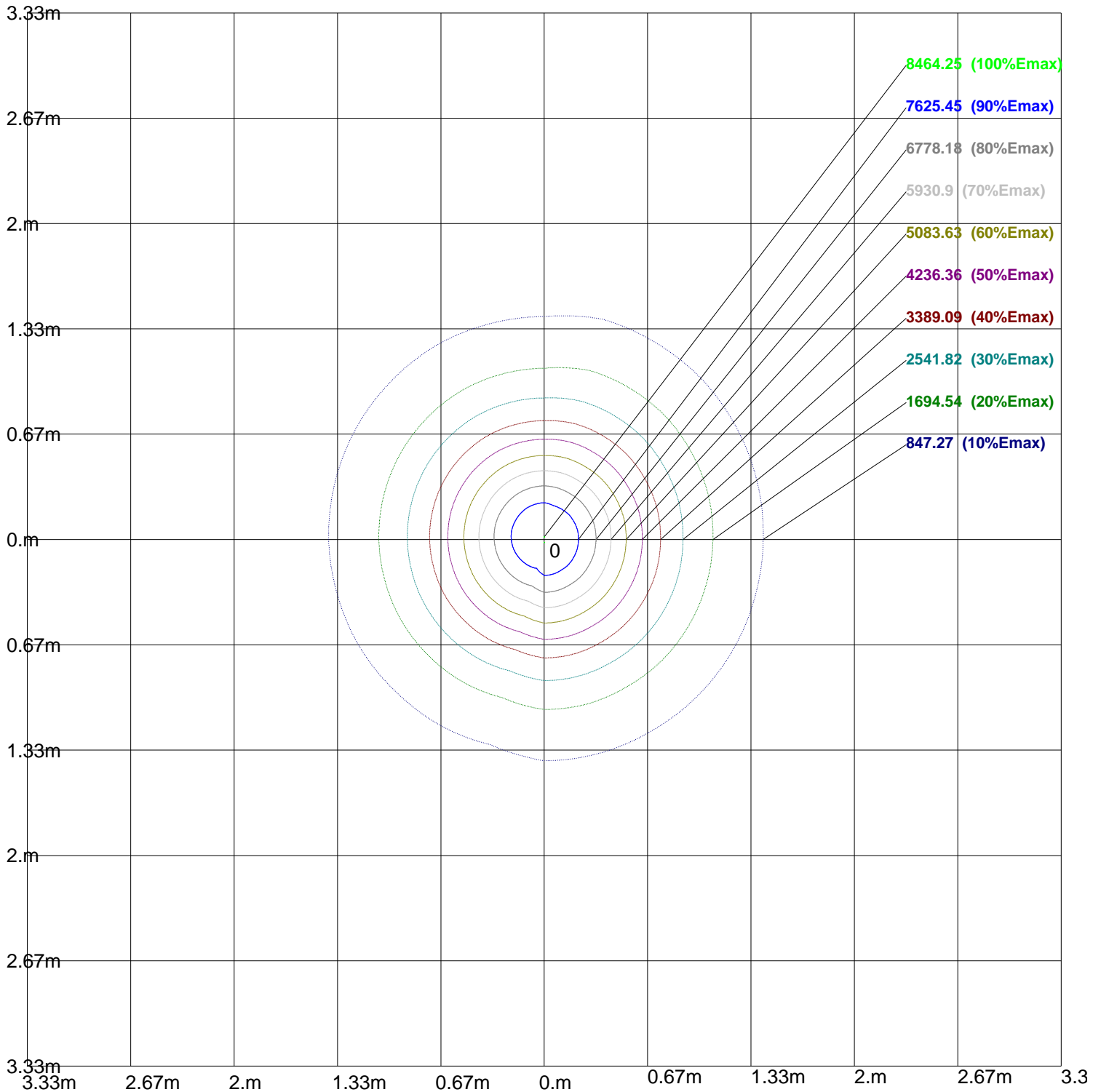


8472.7						
6778.2						
5083.6						
3389.1						
1694.5						

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

(cd) |  $\gamma_1$ : —

### Iso-Lux[lx]



Height: 1 m  
Max Illuminance : 8472.72lx

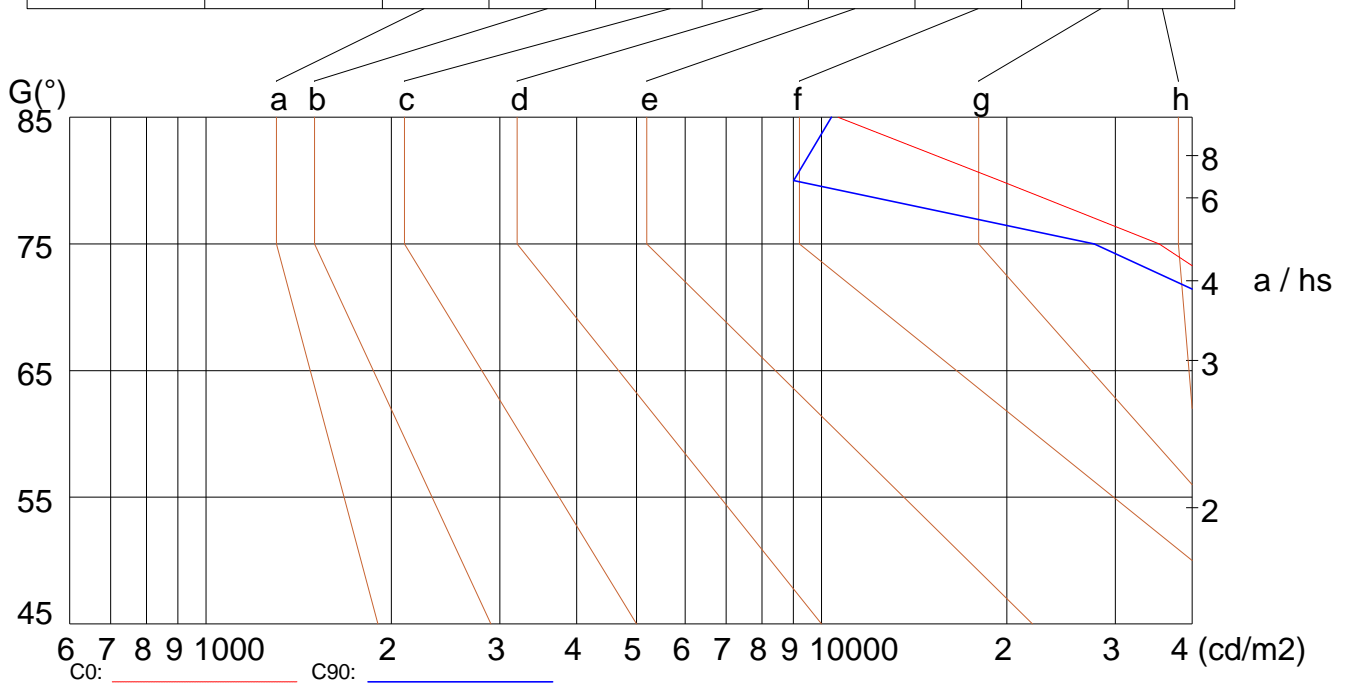
### Luminance Limiting Curve

Diameter: 0mm  
 Length: -325mm  
 Width: -325mm  
 Height: 188mm

(cd/m<sup>2</sup>)

$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	77560	74498	71597	66385	59171	48839	35361	19488	10624
C90	77755	74402	71648	66797	57997	44927	27726	9003	10370

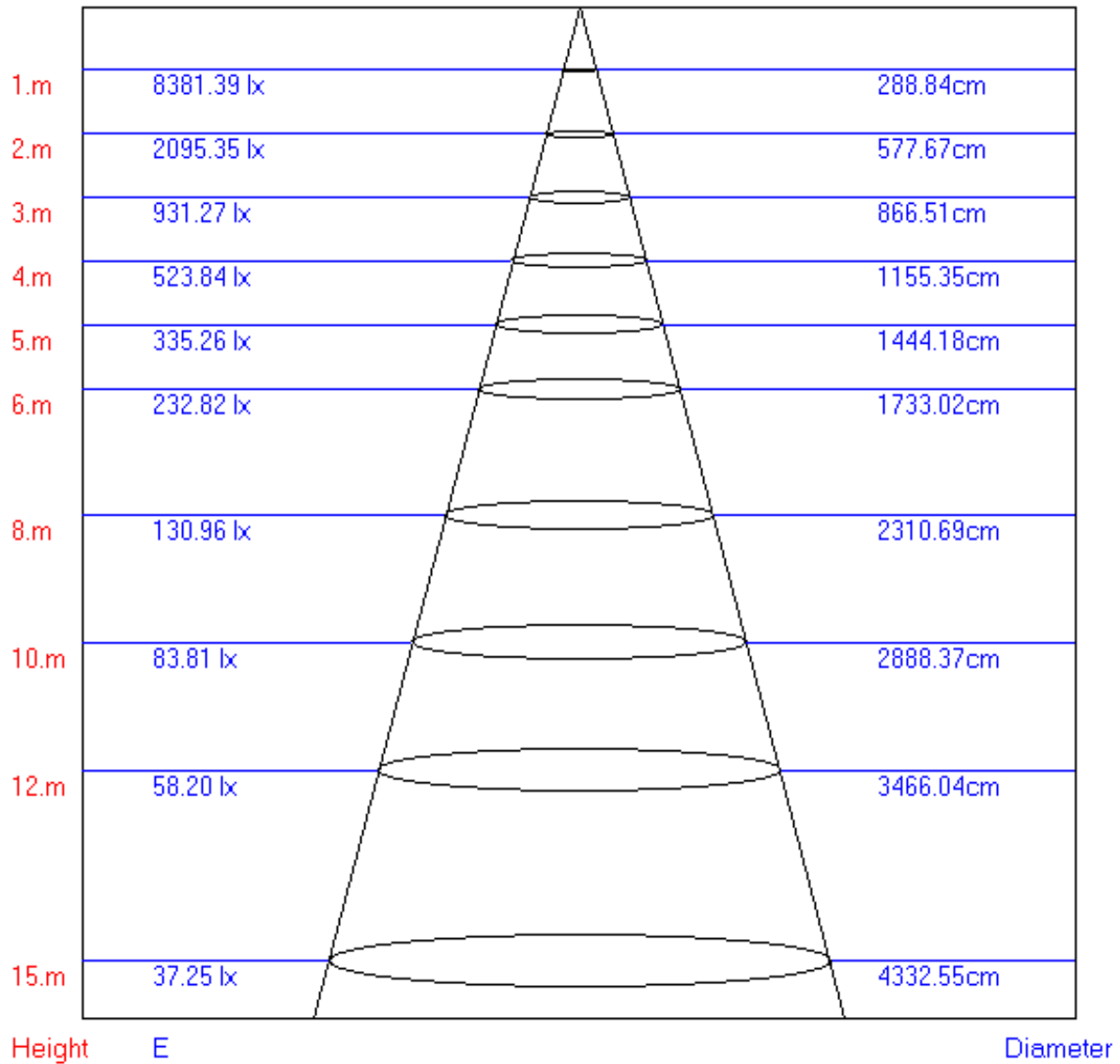
Glare	Quality	Service Values Illuminance (lx)							
1.15	A	2000	1000	500	≤300				
1.5	B		2000	1000	500	≤300			
1.85	C			2000	1000	500	≤300		
2.2	D				2000	1000	500	≤300	
2.55	E					2000	1000	500	≤300



Lum. Limiting Curve (C0/C90)



Lux-Distance Curve



Beam Angle:111.90°

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	1.07	1.05	1.04	1.05	1.03	1.02	1.01	0.99	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.81
2	0.92	0.89	0.88	0.91	0.88	0.86	0.88	0.85	0.82	0.85	0.81	0.78	0.80	0.76	0.73	0.68
3	0.79	0.76	0.74	0.79	0.75	0.73	0.77	0.73	0.70	0.75	0.70	0.66	0.72	0.67	0.62	0.58
4	0.69	0.66	0.64	0.69	0.65	0.63	0.68	0.64	0.60	0.67	0.61	0.57	0.64	0.59	0.54	0.50
5	0.60	0.57	0.56	0.61	0.57	0.54	0.61	0.56	0.52	0.60	0.54	0.50	0.58	0.52	0.47	0.43
6	0.53	0.50	0.49	0.54	0.50	0.48	0.54	0.49	0.46	0.54	0.48	0.44	0.53	0.47	0.42	0.38
7	0.47	0.45	0.43	0.48	0.45	0.42	0.49	0.44	0.41	0.49	0.43	0.39	0.49	0.42	0.37	0.34
8	0.43	0.40	0.39	0.43	0.40	0.38	0.44	0.40	0.36	0.45	0.39	0.35	0.45	0.38	0.33	0.30
9	0.39	0.36	0.35	0.39	0.36	0.34	0.41	0.36	0.33	0.41	0.36	0.31	0.41	0.35	0.30	0.27
10	0.35	0.33	0.32	0.36	0.33	0.31	0.37	0.33	0.30	0.38	0.33	0.29	0.39	0.32	0.27	0.25

