

## Luminaire Property

Luminaire: RH-SPL09 9W 4000K

Report NO.:

Voltage: 220.6 V

Test NO.:

Current: 0.076 A

Lamp:

Power: 9.0 W

Sum Lumens: 716.26 lm

Power Factor: 0.537

Number of Lamps: 1

Ballast Type: EMC300mA

Diameter: mm

Width: 145mm

Length: 145mm

Height: 20mm

Photometric Type: Type C

Remark: PMMA+0.5W SMD2835

## Photometric Results

Lumens: 716.26 lm

Angle of maximum intensity: C:135.0 G:1.0

Effective luminous flux: 699.93 lm

Half Peak Side Angle(50%): Left: -53.3 Right:54.9

Efficiency: 79.5844 lm/W

Light Out Rate(LOR) : 100.00%

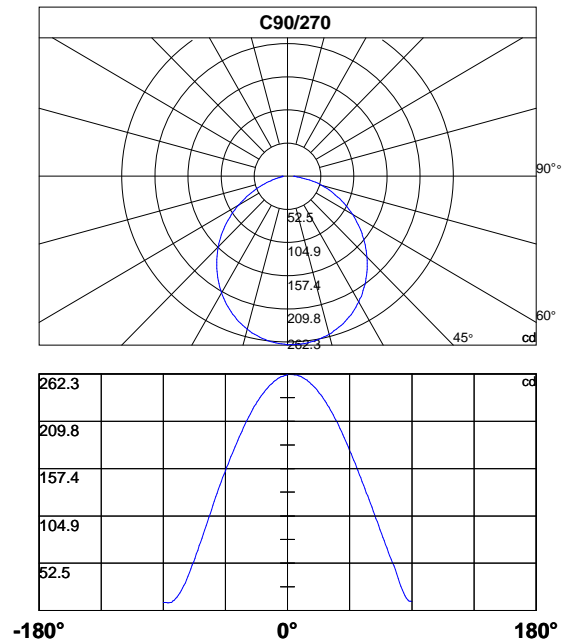
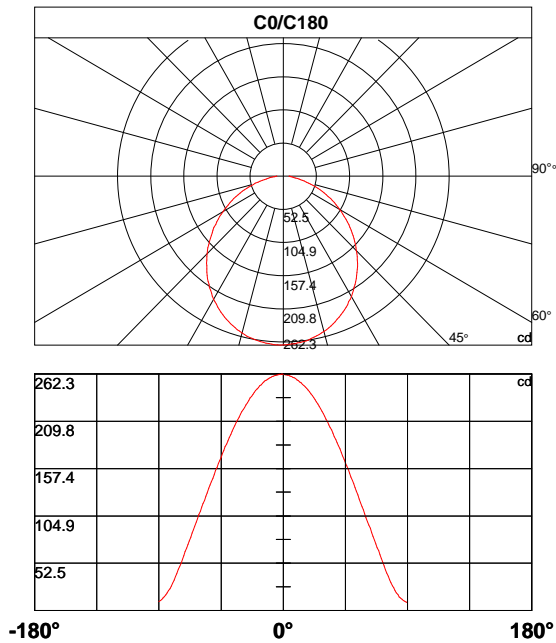
Central Intensity: 261.662cd

Up Flux Rate: 0.0%

Maximum Intensity: 262.31cd

Down Flux Rate: 100.0%

Beam Angle(10%): Left: -79.6 Right:81.3



### 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   |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>0.0</b>   | 261.7 | 261.8 | 261.4 | 260.9 | 260.8 | 260.0 | 259.6 | 258.6 | 258.3 | 257.4 |
| <b>45.0</b>  | 261.7 | 261.6 | 262.1 | 261.5 | 261.9 | 261.4 | 261.3 | 261.0 | 260.2 | 259.8 |
| <b>90.0</b>  | 261.7 | 261.6 | 262.1 | 261.5 | 261.9 | 261.4 | 261.3 | 261.0 | 260.2 | 259.8 |
| <b>135.0</b> | 261.7 | 262.3 | 261.8 | 262.0 | 261.2 | 261.1 | 260.7 | 259.9 | 259.5 | 258.6 |
| <b>180.0</b> | 261.7 | 262.3 | 261.8 | 262.0 | 261.2 | 261.1 | 260.7 | 259.9 | 259.5 | 258.6 |
| <b>225.0</b> | 261.7 | 261.1 | 260.5 | 260.1 | 259.5 | 259.0 | 258.2 | 257.2 | 256.0 | 254.8 |
| <b>270.0</b> | 261.7 | 261.1 | 260.5 | 260.1 | 259.5 | 259.0 | 258.2 | 257.2 | 256.0 | 254.8 |
| <b>315.0</b> | 261.7 | 261.8 | 261.4 | 260.9 | 260.8 | 260.0 | 259.6 | 258.6 | 258.3 | 257.4 |
| <b>360.0</b> | 261.7 | 261.8 | 261.4 | 260.9 | 260.8 | 260.0 | 259.6 | 258.6 | 258.3 | 257.4 |

| C\G          | 10.0  | 11.0  | 12.0  | 13.0  | 14.0  | 15.0  | 16.0  | 17.0  | 18.0  | 19.0  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>0.0</b>   | 255.8 | 254.8 | 253.5 | 252.4 | 250.7 | 249.6 | 247.9 | 246.3 | 244.5 | 242.4 |
| <b>45.0</b>  | 259.1 | 258.2 | 257.2 | 256.4 | 255.6 | 254.0 | 253.1 | 251.2 | 250.0 | 248.4 |
| <b>90.0</b>  | 259.1 | 258.2 | 257.2 | 256.4 | 255.6 | 254.0 | 253.1 | 251.2 | 250.0 | 248.4 |
| <b>135.0</b> | 257.7 | 256.7 | 255.8 | 254.9 | 253.4 | 252.2 | 250.2 | 249.1 | 247.2 | 245.5 |
| <b>180.0</b> | 257.7 | 256.7 | 255.8 | 254.9 | 253.4 | 252.2 | 250.2 | 249.1 | 247.2 | 245.5 |
| <b>225.0</b> | 254.0 | 252.2 | 251.0 | 249.7 | 247.9 | 246.2 | 244.2 | 242.3 | 240.3 | 238.4 |
| <b>270.0</b> | 254.0 | 252.2 | 251.0 | 249.7 | 247.9 | 246.2 | 244.2 | 242.3 | 240.3 | 238.4 |
| <b>315.0</b> | 255.8 | 254.8 | 253.5 | 252.4 | 250.7 | 249.6 | 247.9 | 246.3 | 244.5 | 242.4 |
| <b>360.0</b> | 255.8 | 254.8 | 253.5 | 252.4 | 250.7 | 249.6 | 247.9 | 246.3 | 244.5 | 242.4 |

| C\G          | 20.0  | 21.0  | 22.0  | 23.0  | 24.0  | 25.0  | 26.0  | 27.0  | 28.0  | 29.0  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>0.0</b>   | 240.4 | 238.2 | 236.3 | 233.9 | 231.4 | 229.2 | 226.4 | 223.9 | 220.9 | 218.4 |
| <b>45.0</b>  | 247.0 | 245.3 | 243.3 | 241.2 | 239.4 | 237.5 | 235.1 | 232.6 | 230.3 | 227.4 |
| <b>90.0</b>  | 247.0 | 245.3 | 243.3 | 241.2 | 239.4 | 237.5 | 235.1 | 232.6 | 230.3 | 227.4 |
| <b>135.0</b> | 244.0 | 241.7 | 239.9 | 237.4 | 235.8 | 233.0 | 230.5 | 228.2 | 225.0 | 223.0 |
| <b>180.0</b> | 244.0 | 241.7 | 239.9 | 237.4 | 235.8 | 233.0 | 230.5 | 228.2 | 225.0 | 223.0 |
| <b>225.0</b> | 236.3 | 233.3 | 231.5 | 228.7 | 226.4 | 223.9 | 220.8 | 217.9 | 214.9 | 212.1 |
| <b>270.0</b> | 236.3 | 233.3 | 231.5 | 228.7 | 226.4 | 223.9 | 220.8 | 217.9 | 214.9 | 212.1 |
| <b>315.0</b> | 240.4 | 238.2 | 236.3 | 233.9 | 231.4 | 229.2 | 226.4 | 223.9 | 220.9 | 218.4 |
| <b>360.0</b> | 240.4 | 238.2 | 236.3 | 233.9 | 231.4 | 229.2 | 226.4 | 223.9 | 220.9 | 218.4 |

| C\G          | 30.0  | 31.0  | 32.0  | 33.0  | 34.0  | 35.0  | 36.0  | 37.0  | 38.0  | 39.0  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>0.0</b>   | 215.5 | 212.4 | 209.3 | 206.0 | 203.3 | 200.1 | 196.6 | 192.9 | 189.6 | 185.9 |
| <b>45.0</b>  | 225.5 | 222.3 | 220.1 | 216.9 | 213.9 | 211.1 | 208.2 | 205.4 | 201.7 | 198.4 |
| <b>90.0</b>  | 225.5 | 222.3 | 220.1 | 216.9 | 213.9 | 211.1 | 208.2 | 205.4 | 201.7 | 198.4 |
| <b>135.0</b> | 220.3 | 217.5 | 214.3 | 211.3 | 208.7 | 204.9 | 202.0 | 198.9 | 195.3 | 191.9 |
| <b>180.0</b> | 220.3 | 217.5 | 214.3 | 211.3 | 208.7 | 204.9 | 202.0 | 198.9 | 195.3 | 191.9 |
| <b>225.0</b> | 209.3 | 205.5 | 202.6 | 198.9 | 196.0 | 192.6 | 188.8 | 185.5 | 181.5 | 178.0 |
| <b>270.0</b> | 209.3 | 205.5 | 202.6 | 198.9 | 196.0 | 192.6 | 188.8 | 185.5 | 181.5 | 178.0 |
| <b>315.0</b> | 215.5 | 212.4 | 209.3 | 206.0 | 203.3 | 200.1 | 196.6 | 192.9 | 189.6 | 185.9 |
| <b>360.0</b> | 215.5 | 212.4 | 209.3 | 206.0 | 203.3 | 200.1 | 196.6 | 192.9 | 189.6 | 185.9 |

### 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   | 182.9 | 179.3 | 175.2 | 171.4 | 167.6 | 163.7 | 160.3 | 156.6 | 152.4 | 148.2 |
| 45.0  | 194.9 | 191.8 | 188.4 | 184.8 | 181.5 | 177.1 | 174.0 | 169.9 | 166.4 | 162.9 |
| 90.0  | 194.9 | 191.8 | 188.4 | 184.8 | 181.5 | 177.1 | 174.0 | 169.9 | 166.4 | 162.9 |
| 135.0 | 188.1 | 184.7 | 181.6 | 177.7 | 174.2 | 170.0 | 166.3 | 163.0 | 158.7 | 155.0 |
| 180.0 | 188.1 | 184.7 | 181.6 | 177.7 | 174.2 | 170.0 | 166.3 | 163.0 | 158.7 | 155.0 |
| 225.0 | 174.4 | 170.7 | 166.9 | 162.7 | 159.1 | 154.4 | 151.3 | 147.2 | 142.6 | 139.1 |
| 270.0 | 174.4 | 170.7 | 166.9 | 162.7 | 159.1 | 154.4 | 151.3 | 147.2 | 142.6 | 139.1 |
| 315.0 | 182.9 | 179.3 | 175.2 | 171.4 | 167.6 | 163.7 | 160.3 | 156.6 | 152.4 | 148.2 |
| 360.0 | 182.9 | 179.3 | 175.2 | 171.4 | 167.6 | 163.7 | 160.3 | 156.6 | 152.4 | 148.2 |

| C\G   | 50.0  | 51.0  | 52.0  | 53.0  | 54.0  | 55.0  | 56.0  | 57.0  | 58.0  | 59.0  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0   | 144.0 | 140.5 | 136.3 | 132.4 | 128.2 | 123.7 | 119.6 | 115.0 | 111.6 | 107.2 |
| 45.0  | 158.8 | 155.0 | 150.3 | 147.4 | 142.9 | 138.8 | 135.1 | 130.3 | 127.2 | 122.7 |
| 90.0  | 158.8 | 155.0 | 150.3 | 147.4 | 142.9 | 138.8 | 135.1 | 130.3 | 127.2 | 122.7 |
| 135.0 | 150.6 | 146.7 | 142.7 | 139.2 | 135.4 | 130.4 | 126.9 | 122.2 | 118.4 | 114.8 |
| 180.0 | 150.6 | 146.7 | 142.7 | 139.2 | 135.4 | 130.4 | 126.9 | 122.2 | 118.4 | 114.8 |
| 225.0 | 134.5 | 129.9 | 126.3 | 121.1 | 116.9 | 111.7 | 107.6 | 103.1 | 98.4  | 94.0  |
| 270.0 | 134.5 | 129.9 | 126.3 | 121.1 | 116.9 | 111.7 | 107.6 | 103.1 | 98.4  | 94.0  |
| 315.0 | 144.0 | 140.5 | 136.3 | 132.4 | 128.2 | 123.7 | 119.6 | 115.0 | 111.6 | 107.2 |
| 360.0 | 144.0 | 140.5 | 136.3 | 132.4 | 128.2 | 123.7 | 119.6 | 115.0 | 111.6 | 107.2 |

| C\G   | 60.0  | 61.0  | 62.0  | 63.0  | 64.0  | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 |
|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 0.0   | 103.0 | 98.6  | 94.7  | 91.2  | 86.3  | 82.6 | 77.7 | 73.8 | 69.6 | 66.2 |
| 45.0  | 118.9 | 114.6 | 110.1 | 106.3 | 101.7 | 98.4 | 93.9 | 89.5 | 85.3 | 80.9 |
| 90.0  | 118.9 | 114.6 | 110.1 | 106.3 | 101.7 | 98.4 | 93.9 | 89.5 | 85.3 | 80.9 |
| 135.0 | 110.0 | 106.4 | 101.7 | 97.8  | 93.2  | 89.3 | 85.8 | 81.2 | 76.8 | 73.1 |
| 180.0 | 110.0 | 106.4 | 101.7 | 97.8  | 93.2  | 89.3 | 85.8 | 81.2 | 76.8 | 73.1 |
| 225.0 | 89.2  | 84.9  | 80.1  | 75.4  | 72.0  | 66.9 | 62.9 | 58.0 | 53.9 | 50.3 |
| 270.0 | 89.2  | 84.9  | 80.1  | 75.4  | 72.0  | 66.9 | 62.9 | 58.0 | 53.9 | 50.3 |
| 315.0 | 103.0 | 98.6  | 94.7  | 91.2  | 86.3  | 82.6 | 77.7 | 73.8 | 69.6 | 66.2 |
| 360.0 | 103.0 | 98.6  | 94.7  | 91.2  | 86.3  | 82.6 | 77.7 | 73.8 | 69.6 | 66.2 |

| C\G   | 70.0 | 71.0 | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 |
|-------|------|------|------|------|------|------|------|------|------|------|
| 0.0   | 61.7 | 57.8 | 53.4 | 49.4 | 45.1 | 41.6 | 37.8 | 33.9 | 30.8 | 27.5 |
| 45.0  | 77.6 | 73.3 | 69.1 | 64.8 | 60.7 | 57.0 | 53.0 | 49.4 | 45.3 | 40.8 |
| 90.0  | 77.6 | 73.3 | 69.1 | 64.8 | 60.7 | 57.0 | 53.0 | 49.4 | 45.3 | 40.8 |
| 135.0 | 69.0 | 65.2 | 60.6 | 56.8 | 52.6 | 48.8 | 45.8 | 40.9 | 37.7 | 33.5 |
| 180.0 | 69.0 | 65.2 | 60.6 | 56.8 | 52.6 | 48.8 | 45.8 | 40.9 | 37.7 | 33.5 |
| 225.0 | 46.1 | 42.3 | 37.9 | 34.4 | 30.6 | 27.6 | 25.0 | 21.8 | 19.4 | 16.9 |
| 270.0 | 46.1 | 42.3 | 37.9 | 34.4 | 30.6 | 27.6 | 25.0 | 21.8 | 19.4 | 16.9 |
| 315.0 | 61.7 | 57.8 | 53.4 | 49.4 | 45.1 | 41.6 | 37.8 | 33.9 | 30.8 | 27.5 |
| 360.0 | 61.7 | 57.8 | 53.4 | 49.4 | 45.1 | 41.6 | 37.8 | 33.9 | 30.8 | 27.5 |

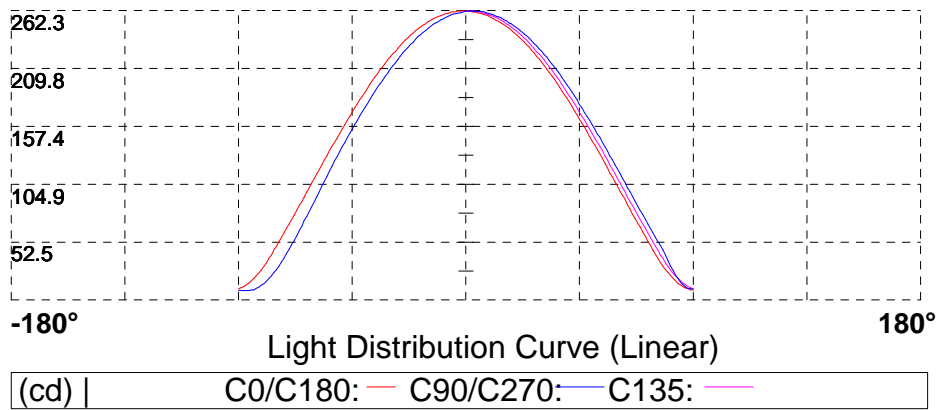
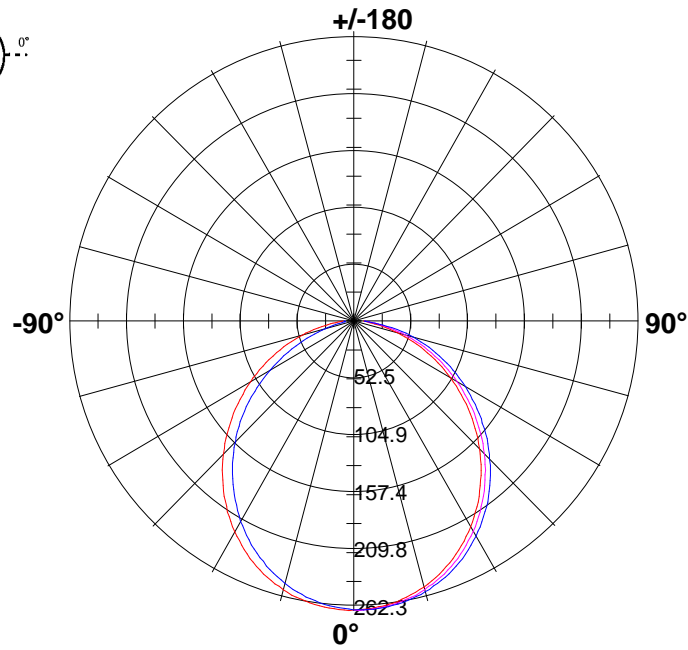
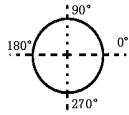
### Photometric Data Table [cd]

| C\G   | 80.0 | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 |
|-------|------|------|------|------|------|------|------|------|------|------|
| 0.0   | 25.2 | 22.2 | 19.6 | 17.6 | 15.0 | 13.6 | 12.2 | 11.0 | 10.3 | 9.3  |
| 45.0  | 35.6 | 30.8 | 27.0 | 22.7 | 19.5 | 16.2 | 13.9 | 11.8 | 10.2 | 10.3 |
| 90.0  | 35.6 | 30.8 | 27.0 | 22.7 | 19.5 | 16.2 | 13.9 | 11.8 | 10.2 | 10.3 |
| 135.0 | 30.2 | 27.0 | 24.3 | 21.9 | 19.4 | 17.5 | 15.3 | 13.7 | 12.1 | 11.1 |
| 180.0 | 30.2 | 27.0 | 24.3 | 21.9 | 19.4 | 17.5 | 15.3 | 13.7 | 12.1 | 11.1 |
| 225.0 | 14.8 | 13.6 | 11.3 | 10.5 | 9.0  | 9.0  | 8.6  | 8.6  | 8.6  | 8.6  |
| 270.0 | 14.8 | 13.6 | 11.3 | 10.5 | 9.0  | 9.0  | 8.6  | 8.6  | 8.6  | 8.6  |
| 315.0 | 25.2 | 22.2 | 19.6 | 17.6 | 15.0 | 13.6 | 12.2 | 11.0 | 10.3 | 9.3  |
| 360.0 | 25.2 | 22.2 | 19.6 | 17.6 | 15.0 | 13.6 | 12.2 | 11.0 | 10.3 | 9.3  |

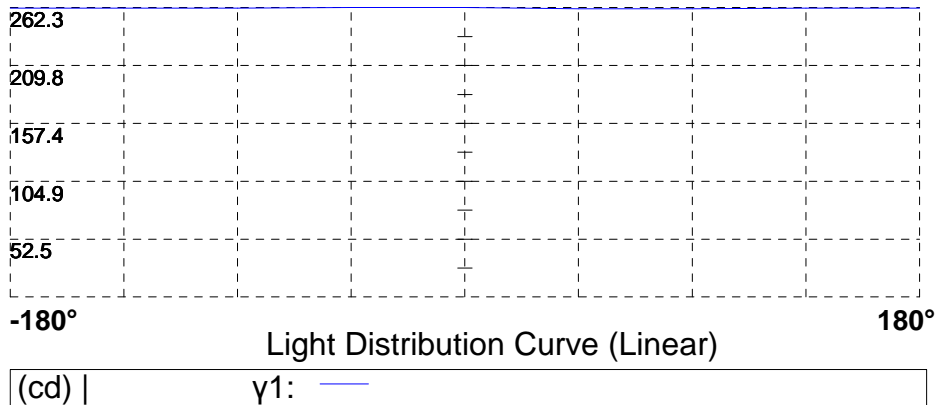
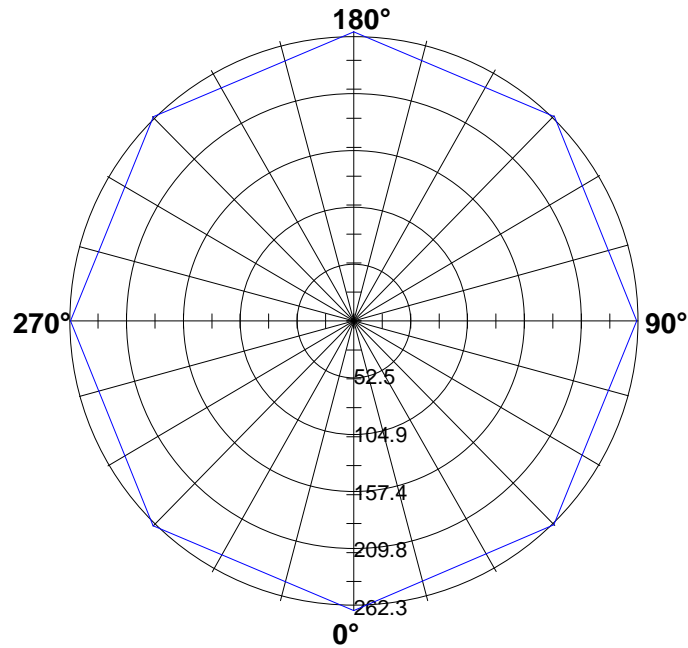
| C\G   | 90.0 |
|-------|------|
| 0.0   | 9.0  |
| 45.0  | 9.9  |
| 90.0  | 9.9  |
| 135.0 | 10.0 |
| 180.0 | 10.0 |
| 225.0 | 8.9  |
| 270.0 | 8.9  |
| 315.0 | 9.0  |
| 360.0 | 9.0  |

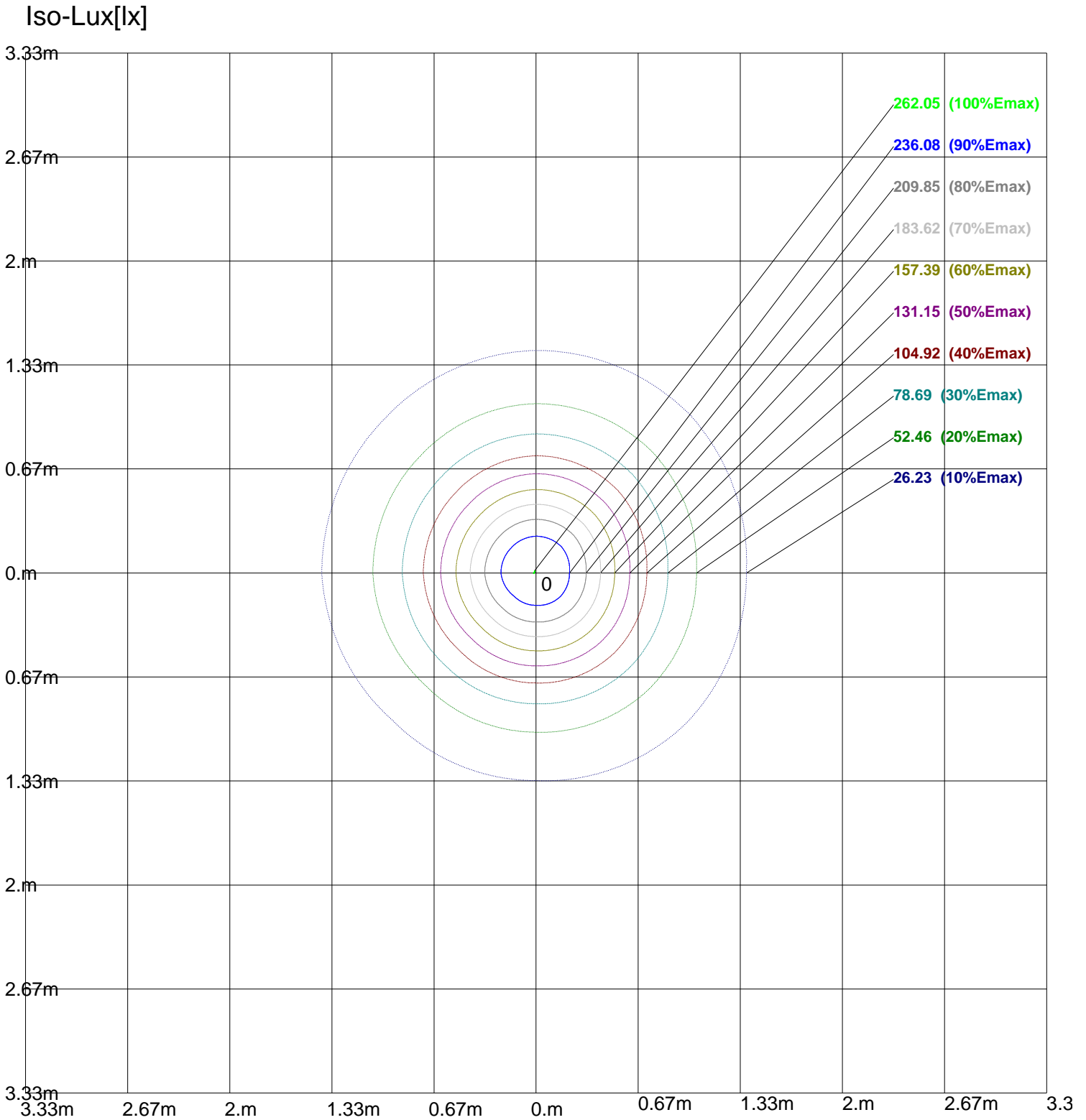
### Light Distribution Curve [Unit: cd]

Luminaire



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





Height: 1 m  
Max Illuminance : 262.31lx

## Luminance Limiting Curve

Diameter: mm

Length: 145mm

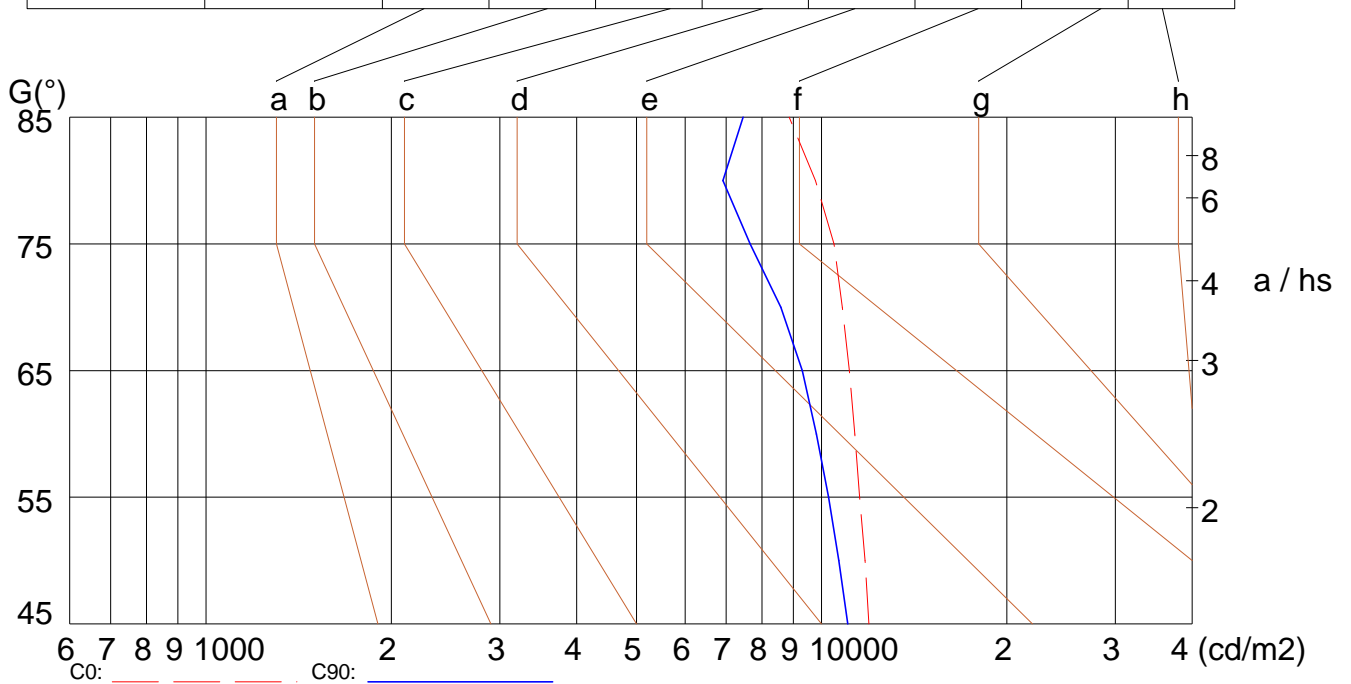
Width: 145mm

Height: 20mm

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

| $\gamma$ | 45°   | 50°   | 55°   | 60°   | 65°   | 70°   | 75°   | 80°  | 85°  |
|----------|-------|-------|-------|-------|-------|-------|-------|------|------|
| C0       | 11929 | 11763 | 11523 | 11320 | 11089 | 10805 | 10478 | 9771 | 8854 |
| C90      | 11027 | 10669 | 10267 | 9811  | 9303  | 8584  | 7656  | 6911 | 7458 |

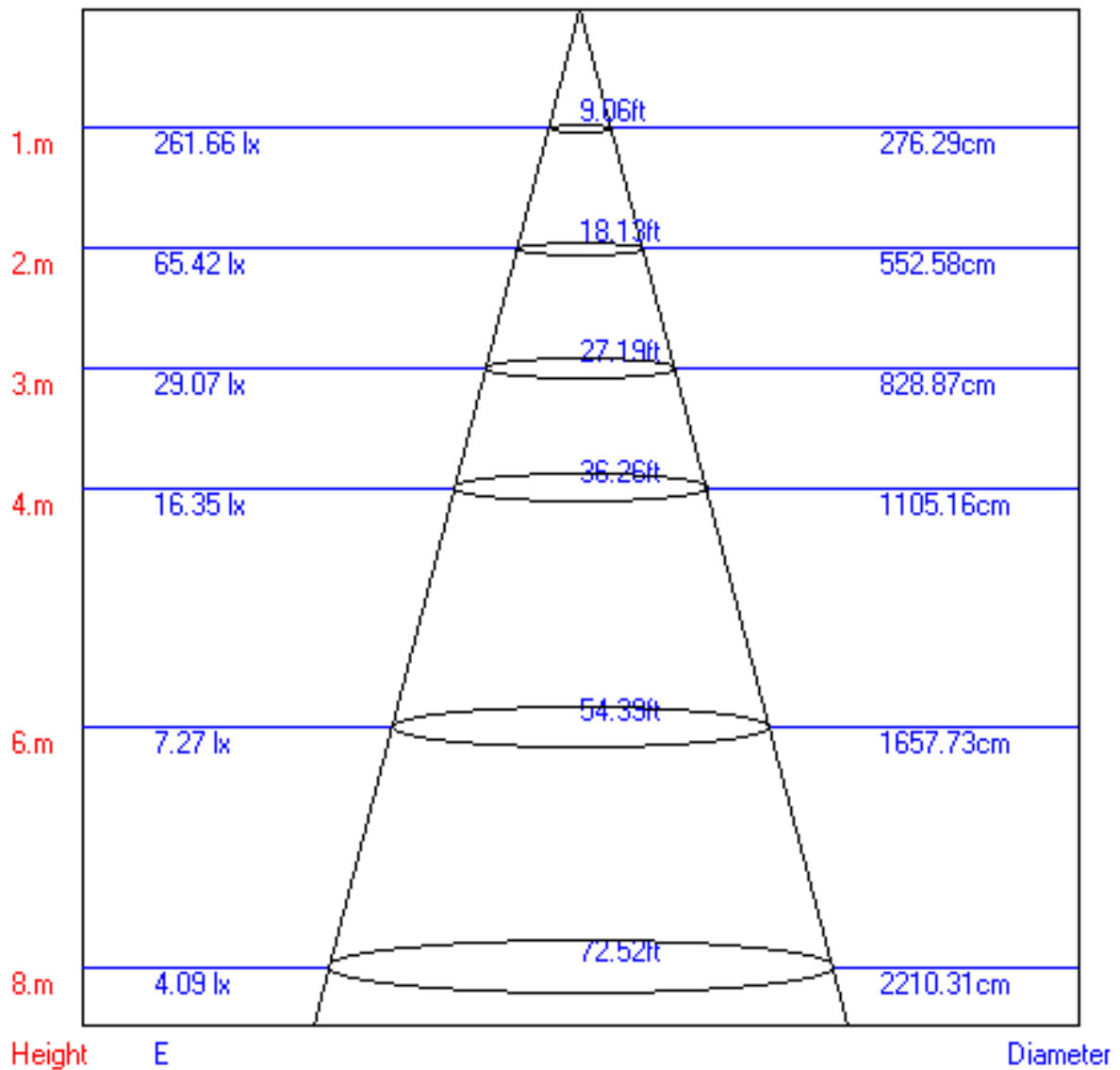
| Glare | Quality | Service Values Illuminance (lx) |      |      |      |      |      |      |      |
|-------|---------|---------------------------------|------|------|------|------|------|------|------|
| 1.15  | A       | 2000                            | 1000 | 500  | ≤300 |      |      |      |      |
| 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)



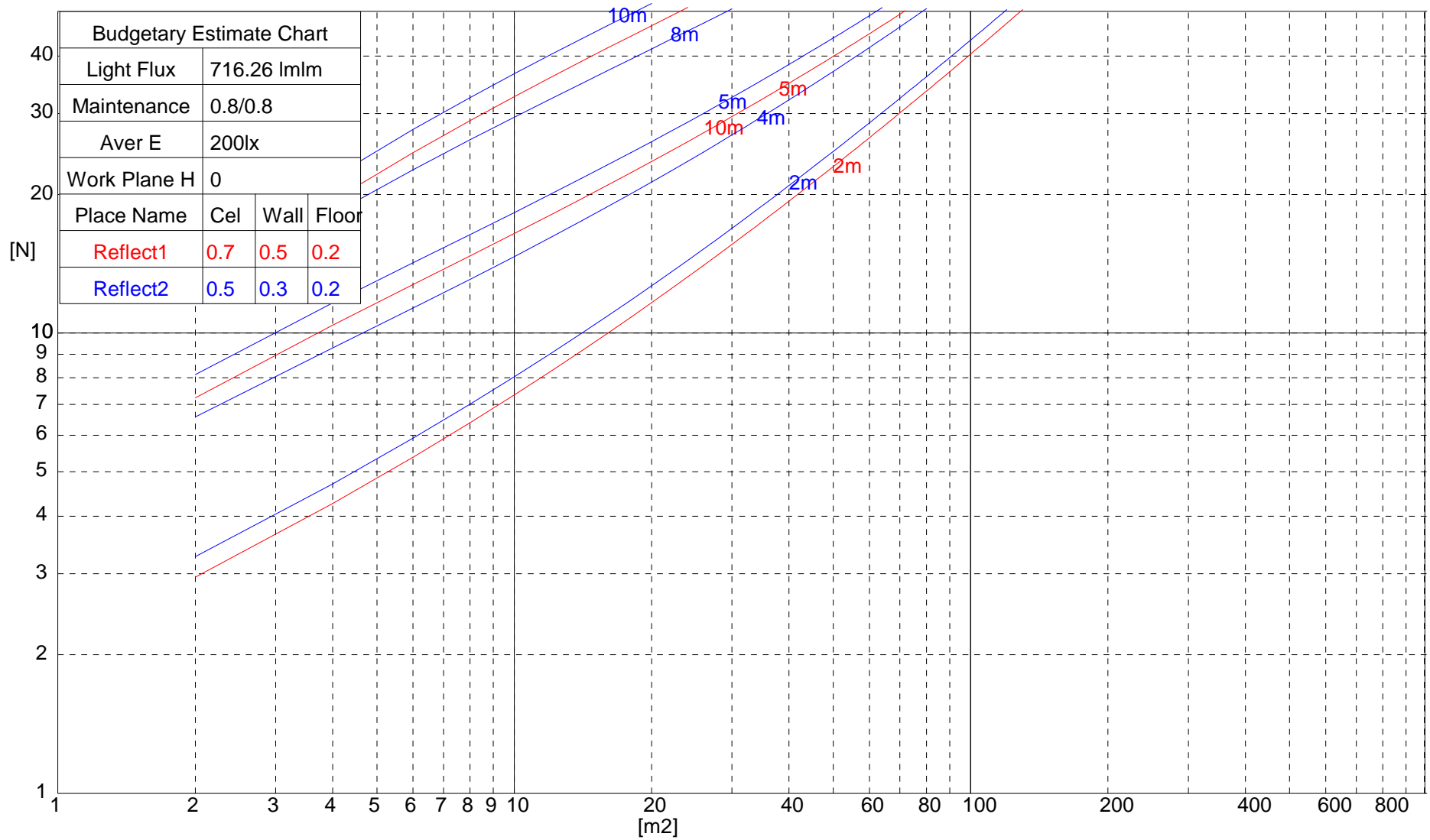
### Lux-Distance Curve



Beam Angle:108.20°

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   | 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     | 1.04                                     | 1.02 | 1.01 | 1.03 | 1.01 | 0.99 | 0.99 | 0.97 | 0.95 | 0.95 | 0.92 | 0.90 | 0.88 | 0.86 | 0.84 | 0.78 |
| 2     | 0.89                                     | 0.86 | 0.84 | 0.88 | 0.85 | 0.83 | 0.86 | 0.82 | 0.79 | 0.82 | 0.79 | 0.75 | 0.78 | 0.74 | 0.70 | 0.65 |
| 3     | 0.76                                     | 0.73 | 0.71 | 0.76 | 0.72 | 0.70 | 0.75 | 0.70 | 0.67 | 0.73 | 0.68 | 0.64 | 0.69 | 0.64 | 0.60 | 0.55 |
| 4     | 0.66                                     | 0.63 | 0.61 | 0.66 | 0.62 | 0.60 | 0.66 | 0.61 | 0.57 | 0.64 | 0.59 | 0.55 | 0.62 | 0.56 | 0.51 | 0.47 |
| 5     | 0.57                                     | 0.55 | 0.53 | 0.58 | 0.54 | 0.52 | 0.58 | 0.53 | 0.50 | 0.58 | 0.52 | 0.47 | 0.56 | 0.50 | 0.45 | 0.41 |
| 6     | 0.51                                     | 0.48 | 0.46 | 0.51 | 0.48 | 0.45 | 0.52 | 0.47 | 0.44 | 0.52 | 0.46 | 0.42 | 0.51 | 0.45 | 0.39 | 0.36 |
| 7     | 0.45                                     | 0.43 | 0.41 | 0.46 | 0.42 | 0.40 | 0.47 | 0.42 | 0.39 | 0.47 | 0.41 | 0.37 | 0.47 | 0.40 | 0.35 | 0.32 |
| 8     | 0.41                                     | 0.38 | 0.37 | 0.42 | 0.38 | 0.36 | 0.43 | 0.38 | 0.34 | 0.43 | 0.37 | 0.33 | 0.43 | 0.37 | 0.31 | 0.28 |
| 9     | 0.37                                     | 0.34 | 0.33 | 0.38 | 0.34 | 0.32 | 0.39 | 0.34 | 0.31 | 0.40 | 0.34 | 0.30 | 0.40 | 0.33 | 0.28 | 0.26 |
| 10    | 0.33                                     | 0.31 | 0.30 | 0.34 | 0.31 | 0.29 | 0.36 | 0.31 | 0.28 | 0.37 | 0.31 | 0.27 | 0.37 | 0.31 | 0.26 | 0.23 |



## UGR Glare Index

|                       |   |      |      |      |      |  |      |      |      |      |      |
|-----------------------|---|------|------|------|------|--|------|------|------|------|------|
| Ceiling               | 70  | 70   | 50   | 50   | 30   | 70   | 70   | 50   | 50   | 30   |      |
| Wall                  | 50  | 30   | 50   | 30   | 30   | 50   | 30   | 50   | 30   | 30   |      |
| Floor                 | 20  | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   |      |
| Room Size<br>X      Y | Weft to light axis direction of observation |      |      |      |      | Direction of light axis parallel observation |      |      |      |      |      |
| 2H                    | 2H  | 14.6 | 16.0 | 14.9 | 15.9 | 16.4   | 14.7 | 15.9 | 14.9 | 15.9 | 16.5 |
|                       | 3H  | 16.2 | 17.4 | 16.7 | 17.8 | 18.0   | 16.2 | 17.3 | 16.5 | 17.9 | 18.0 |
|                       | 4H  | 17.0 | 18.1 | 17.3 | 18.6 | 18.8   | 16.9 | 17.9 | 17.3 | 18.5 | 18.7 |
|                       | 6H  | 17.5 | 18.6 | 18.0 | 18.8 | 19.0   | 17.4 | 18.4 | 17.9 | 18.9 | 19.0 |
|                       | 8H  | 17.9 | 18.9 | 18.1 | 18.9 | 19.3   | 17.8 | 18.8 | 17.9 | 19.0 | 19.4 |
| 4H                    | 12H   | 17.9 | 18.8 | 18.1 | 19.3 | 19.6   | 17.7 | 18.6 | 18.1 | 19.1 | 19.5 |
|                       | 2H  | 15.7 | 16.6 | 15.8 | 16.8 | 17.1   | 15.6 | 16.6 | 15.7 | 16.9 | 17.0 |
|                       | 3H  | 17.5 | 18.3 | 17.8 | 18.5 | 18.9   | 17.4 | 18.2 | 17.6 | 18.4 | 18.7 |
|                       | 4H  | 18.2 | 19.0 | 18.6 | 19.1 | 19.4   | 18.0 | 18.9 | 18.4 | 19.2 | 19.4 |
|                       | 6H  | 18.8 | 19.6 | 19.2 | 19.7 | 20.2   | 18.6 | 19.4 | 19.0 | 19.7 | 20.1 |
| 8H                    | 8H  | 19.1 | 19.8 | 19.4 | 20.0 | 20.4   | 18.9 | 19.6 | 19.4 | 19.9 | 20.3 |
|                       | 12H   | 19.3 | 19.9 | 19.5 | 20.1 | 20.5   | 19.1 | 19.8 | 19.5 | 20.2 | 20.5 |
|                       | 4H  | 18.4 | 19.2 | 18.9 | 19.3 | 19.8   | 18.4 | 19.1 | 18.8 | 19.4 | 19.8 |
|                       | 6H  | 19.3 | 19.8 | 19.8 | 20.2 | 20.5   | 19.2 | 19.7 | 19.7 | 20.2 | 20.5 |
|                       | 8H  | 19.6 | 20.2 | 20.1 | 20.5 | 21.0   | 19.6 | 19.9 | 20.0 | 20.4 | 20.9 |
| 12H                   | 12H   | 20.0 | 20.4 | 20.4 | 20.8 | 21.2   | 19.9 | 20.4 | 20.3 | 20.7 | 21.2 |
|                       | 4H  | 18.6 | 19.1 | 19.0 | 19.4 | 19.9   | 18.4 | 19.0 | 18.9 | 19.5 | 19.9 |
|                       | 6H  | 19.5 | 20.0 | 19.8 | 20.2 | 20.6   | 19.5 | 19.8 | 19.7 | 20.2 | 20.6 |
|                       | 8H  | 20.0 | 20.4 | 20.4 | 20.5 | 21.1   | 19.8 | 20.2 | 20.3 | 20.6 | 21.1 |
|                       |   |      |      |      |      |  |      |      |      |      |      |
|                       |   |      |      |      |      |  |      |      |      |      |      |