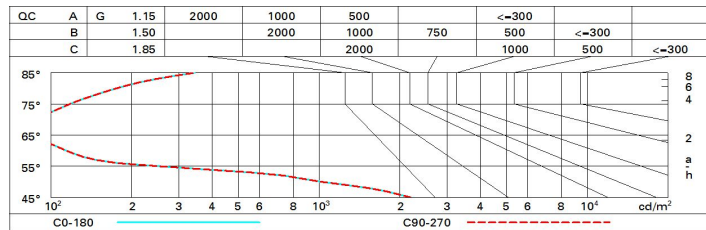




Utilisation factors

|      |    |    |    |    |    |    |    |    |     |
|------|----|----|----|----|----|----|----|----|-----|
| R    | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
| K0.8 | 75 | 71 | 68 | 66 | 70 | 68 | 68 | 65 | 78  |
| 1.0  | 78 | 75 | 72 | 70 | 74 | 72 | 71 | 69 | 83  |
| 1.5  | 82 | 79 | 77 | 76 | 78 | 77 | 76 | 73 | 89  |
| 2.0  | 85 | 83 | 81 | 80 | 82 | 80 | 79 | 77 | 93  |
| 2.5  | 86 | 85 | 84 | 83 | 84 | 83 | 82 | 79 | 96  |
| 3.0  | 87 | 86 | 85 | 85 | 85 | 84 | 83 | 81 | 98  |
| 4.0  | 88 | 87 | 87 | 86 | 86 | 86 | 84 | 82 | 99  |
| 5.0  | 89 | 88 | 88 | 88 | 87 | 86 | 85 | 83 | 100 |

Luminance curve limit



UGR diagram

| Corrected UGR values (at 1350 lm bare lamp luminous flux) |      |                  |      |      |      |      |                |      |      |      |      |
|---|------|------------------|------|------|------|------|----------------|------|------|------|------|
| Reflect.:   |      | viewed crosswise |      |      |      |      | viewed endwise |      |      |      |      |
| ceiling/cav   |      | 0.70             | 0.70 | 0.50 | 0.50 | 0.30 | 0.70           | 0.70 | 0.50 | 0.50 | 0.30 |
| walls   |      | 0.50             | 0.30 | 0.50 | 0.30 | 0.30 | 0.50           | 0.30 | 0.50 | 0.30 | 0.30 |
| work pl.  |      | 0.20             | 0.20 | 0.20 | 0.20 | 0.20 | 0.20           | 0.20 | 0.20 | 0.20 | 0.20 |
| Room dim  |      | viewed crosswise |      |      |      |      | viewed endwise |      |      |      |      |
| x   | y    |                  |      |      |      |      |                |      |      |      |      |
| 2H  | 2H   | 10.2             | 10.8 | 10.4 | 17.0 | 17.2 | 10.2           | 10.8 | 10.4 | 17.0 | 17.2 |
|   | 3H   | 10.0             | 10.6 | 10.3 | 10.8 | 17.1 | 10.0           | 10.6 | 10.3 | 10.8 | 17.1 |
|   | 4H   | 10.0             | 10.5 | 10.3 | 10.7 | 17.0 | 10.0           | 10.5 | 10.3 | 10.7 | 17.0 |
|   | 6H   | 15.9             | 10.3 | 10.2 | 10.6 | 17.0 | 15.9           | 10.3 | 10.2 | 10.6 | 17.0 |
|   | 8H   | 15.8             | 10.3 | 10.2 | 10.6 | 10.9 | 15.8           | 10.3 | 10.2 | 10.6 | 10.9 |
| 12H   | 15.8 | 10.2             | 10.2 | 10.6 | 10.9 | 15.8 | 10.2           | 10.2 | 10.6 | 10.9 |      |
| 4H  | 2H   | 10.0             | 10.5 | 10.3 | 10.7 | 17.0 | 10.0           | 10.5 | 10.3 | 10.7 | 17.0 |
|   | 3H   | 15.8             | 10.2 | 10.2 | 10.6 | 10.9 | 15.8           | 10.2 | 10.2 | 10.6 | 10.9 |
|   | 4H   | 15.7             | 10.1 | 10.1 | 10.4 | 10.8 | 15.7           | 10.1 | 10.1 | 10.4 | 10.8 |
|   | 6H   | 15.6             | 15.9 | 10.1 | 10.3 | 10.8 | 15.6           | 15.9 | 10.1 | 10.3 | 10.8 |
|   | 8H   | 15.6             | 15.9 | 10.0 | 10.3 | 10.7 | 15.6           | 15.9 | 10.0 | 10.3 | 10.7 |
| 12H   | 15.5 | 15.8             | 10.0 | 10.2 | 10.7 | 15.5 | 15.8           | 10.0 | 10.2 | 10.7 |      |
| 8H  | 4H   | 15.6             | 15.9 | 10.0 | 10.3 | 10.7 | 15.6           | 15.9 | 10.0 | 10.3 | 10.7 |
|   | 6H   | 15.5             | 15.7 | 10.0 | 10.2 | 10.7 | 15.5           | 15.7 | 10.0 | 10.2 | 10.7 |
|   | 8H   | 15.4             | 15.6 | 15.9 | 10.1 | 10.6 | 15.4           | 15.6 | 15.9 | 10.1 | 10.6 |
|   | 12H  | 15.4             | 15.6 | 15.9 | 10.0 | 10.6 | 15.4           | 15.6 | 15.9 | 10.0 | 10.6 |
| 12H   | 4H   | 15.5             | 15.8 | 10.0 | 10.2 | 10.7 | 15.5           | 15.8 | 10.0 | 10.2 | 10.7 |
|   | 6H   | 15.4             | 15.6 | 15.9 | 10.1 | 10.6 | 15.4           | 15.6 | 15.9 | 10.1 | 10.6 |
|   | 8H   | 15.4             | 15.6 | 15.9 | 10.0 | 10.6 | 15.4           | 15.6 | 15.9 | 10.0 | 10.6 |
| Variations with the observer position at spacing:         |      |                  |      |      |      |      |                |      |      |      |      |
| S =   | 1.0H | 0.5 / -24.9      |      |      |      |      | 0.5 / -24.9    |      |      |      |      |
|   | 1.5H | 9.4 / -25.6      |      |      |      |      | 9.4 / -25.6    |      |      |      |      |
|   | 2.0H | 11.4 / -25.8     |      |      |      |      | 11.4 / -25.8   |      |      |      |      |