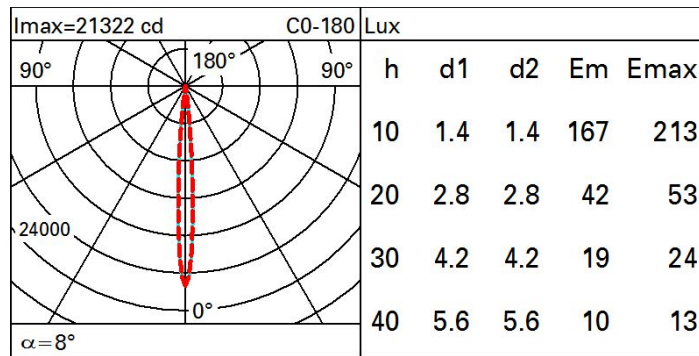
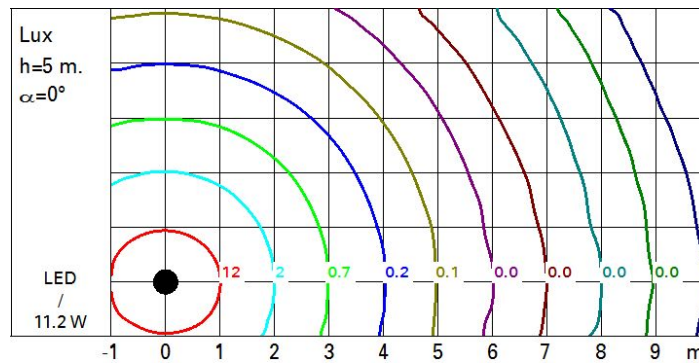




### Polar



### Isolux



### UGR diagram

| Corrected UGR values (at 1050 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  |     |                  |             |      |      |      |                |      |      |      |      |
| x   | y   |                  |             |      |      |      |                |      |      |      |      |
| 2H  | 2H  | -2.4             | -0.5        | -2.1 | -0.2 | 0.2  | -2.6           | -0.6 | -2.2 | -0.3 | 0.0  |
|   | 3H  | -2.5             | -1.4        | -2.1 | -1.1 | -0.8 | -2.5           | -1.5 | -2.2 | -1.2 | -0.9 |
|   | 4H  | -2.5             | -1.8        | -2.1 | -1.5 | -1.2 | -2.5           | -1.8 | -2.2 | -1.5 | -1.2 |
|   | 6H  | -2.5             | -2.1        | -2.1 | -1.8 | -1.5 | -2.5           | -2.2 | -2.2 | -1.8 | -1.5 |
|   | 8H  | -2.6             | -2.0        | -2.2 | -1.7 | -1.3 | -2.7           | -2.1 | -2.3 | -1.7 | -1.4 |
|   | 12H | -2.7             | -1.9        | -2.3 | -1.6 | -1.2 | -2.8           | -2.0 | -2.4 | -1.6 | -1.3 |
| 4H  | 2H  | -2.4             | -1.7        | -2.0 | -1.4 | -1.1 | -2.7           | -2.0 | -2.3 | -1.7 | -1.4 |
|   | 3H  | -2.6             | -1.8        | -2.2 | -1.4 | -1.1 | -2.8           | -2.0 | -2.4 | -1.6 | -1.2 |
|   | 4H  | -2.9             | -1.5        | -2.5 | -1.1 | -0.7 | -3.1           | -1.7 | -2.6 | -1.3 | -0.8 |
|   | 6H  | -3.2             | -1.3        | -2.7 | -0.9 | -0.4 | -3.4           | -1.5 | -2.9 | -1.0 | -0.6 |
|   | 8H  | -3.3             | -1.3        | -2.8 | -0.9 | -0.4 | -3.5           | -1.5 | -3.0 | -1.0 | -0.5 |
|   | 12H | -3.3             | -1.5        | -2.8 | -1.0 | -0.5 | -3.5           | -1.6 | -3.0 | -1.2 | -0.6 |
| 8H  | 4H  | -3.3             | -1.3        | -2.8 | -0.9 | -0.4 | -3.5           | -1.5 | -3.0 | -1.0 | -0.5 |
|   | 6H  | -3.3             | -1.8        | -2.8 | -1.3 | -0.8 | -3.4           | -2.0 | -2.9 | -1.5 | -1.0 |
|   | 8H  | -3.2             | -2.2        | -2.7 | -1.7 | -1.2 | -3.4           | -2.3 | -2.8 | -1.8 | -1.3 |
|   | 12H | -3.0             | -2.6        | -2.5 | -2.1 | -1.5 | -3.2           | -2.7 | -2.7 | -2.2 | -1.7 |
| 12H   | 4H  | -3.3             | -1.5        | -2.8 | -1.0 | -0.5 | -3.5           | -1.6 | -3.0 | -1.2 | -0.6 |
|   | 6H  | -3.2             | -2.2        | -2.7 | -1.7 | -1.2 | -3.4           | -2.3 | -2.8 | -1.8 | -1.3 |
|   | 8H  | -3.0             | -2.6        | -2.5 | -2.1 | -1.5 | -3.2           | -2.7 | -2.7 | -2.2 | -1.7 |
| Variations with the observer position at spacing:         |     |                  |             |      |      |      |                |      |      |      |      |
| S =   |     | 1.0H             | 3.1 / -3.6  |      |      |      | 3.2 / -3.9     |      |      |      |      |
|   |     | 1.5H             | 5.4 / -5.7  |      |      |      | 5.5 / -6.2     |      |      |      |      |
|   |     | 2.0H             | 7.3 / -24.7 |      |      |      | 7.4 / -33.3    |      |      |      |      |