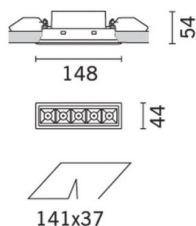
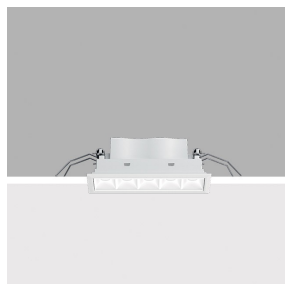


**Product configuration: Q934**  
Q934: Recessed luminaire - 5 cells - General Lighting Pro



Q934: Recessed luminaire - 5 cells - General Lighting Pro **Attention! Code no longer in production**

Rectangular recessed luminaire with 5 optical elements for LED lamps - fixed optics with metallised thermoplastic high definition Opti-Beam reflectors, integrated in a set-back position in the anti-glare screen. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. The total white finish and the patented technology of the optic system guarantee an even and efficient luminous flux optimised by a special diffuser screen that reduces direct glare significantly. Supplied with electronic control gear connected to the luminaire. High colour rendering LED.

Recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 141.

Weight (Kg)  
0.3

mounting  
wall recessed/ceiling recessed

On control gear box including a terminal block with quick-coupling screws.

Complies with EN60598-1 and pertinent regulations



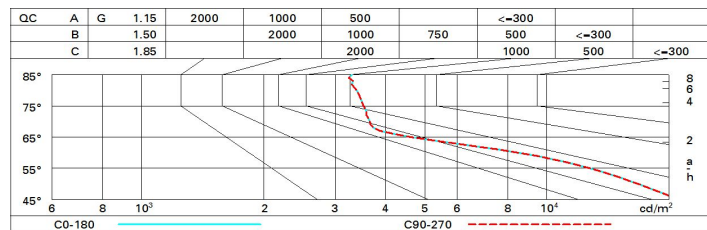
|  |      |                                       |                               |
|--|------|---------------------------------------|-------------------------------|
| Im system:   | 619  | CRI (typical):                        | 97                            |
| W system:  | 12   | Colour temperature [K]:               | 2700                          |
| Im source:   | 860  | MacAdam Step:                         | 3                             |
| W source:  | 10   | Life Time LED 1:                      | 50,000h - L90 - B10 (Ta 25°C) |
| Luminous efficiency (Im/W, real value):            | 51.6 | Lamp code:                            | LED                           |
| Im in emergency mode:                              | -    | Number of lamps for optical assembly: | 1                             |
| Total light flux at or above an angle of 90° [Lm]: | 0    | ZVEI Code:                            | LED                           |
| Light Output Ratio (L.O.R.) [%]:                   | 72   | Number of optical assemblies:         | 1                             |
| CRI (minimum):                                     | 95   |                                       |                               |

|   |  |   |            |     |     |      |
|---|--|---|------------|-----|-----|------|
| <p>lmax=850 cd</p> <p>90° 180° 90°</p> <p>900</p> <p>0°</p> <p><math>\alpha = 48^\circ</math></p> | <b>CIE</b><br>nL 0.72<br>88-98-100-100-72<br>UGR 18.0-17.9                                   |   | <b>Lux</b> |     |     |      |
|   | <b>DIN</b><br>A.61<br><b>UTE</b><br>0.72A+0.00T<br>F*1=884<br>F*1+F*2=980<br>F*1+F*2+F*3=996 |   | h          | d   | Em  | Emax |
|   |  |   | 1          | 0.9 | 673 | 850  |
|   |  |   | 2          | 1.8 | 168 | 213  |
|   |  |   | 3          | 2.7 | 75  | 94   |
|   |  | 4 | 3.6        | 42  | 53  |      |

# Utilisation factors

| R    | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 61 | 57 | 54 | 52 | 56 | 53 | 53 | 50 | 70  |
| 1.0  | 65 | 61 | 58 | 56 | 60 | 57 | 57 | 54 | 75  |
| 1.5  | 69 | 66 | 64 | 62 | 65 | 63 | 62 | 60 | 83  |
| 2.0  | 72 | 69 | 68 | 66 | 68 | 67 | 66 | 64 | 88  |
| 2.5  | 73 | 72 | 70 | 69 | 70 | 69 | 68 | 66 | 92  |
| 3.0  | 74 | 73 | 72 | 71 | 72 | 71 | 70 | 68 | 94  |
| 4.0  | 75 | 74 | 74 | 73 | 73 | 72 | 71 | 69 | 96  |
| 5.0  | 76 | 75 | 74 | 74 | 74 | 73 | 72 | 70 | 97  |

# Luminance curve limit



# UGR diagram

| Corrected UGR values (at 800 lm bare lamp luminous flux)         |      |                     |      |      |      |      |                   |      |      |      |      |
|--|------|---------------------|------|------|------|------|-------------------|------|------|------|------|
| Reflect.:<br>ceiling/cav<br>walls<br>work pl.<br>Room dim<br>x y |      | viewed<br>crosswise |      |      |      |      | viewed<br>endwise |      |      |      |      |
|  |      | 0.70                | 0.70 | 0.50 | 0.50 | 0.30 | 0.70              | 0.70 | 0.50 | 0.50 | 0.30 |
|  |      | 0.50                | 0.30 | 0.50 | 0.30 | 0.30 | 0.50              | 0.30 | 0.50 | 0.30 | 0.30 |
|  |      | 0.20                | 0.20 | 0.20 | 0.20 | 0.20 | 0.20              | 0.20 | 0.20 | 0.20 | 0.20 |
| 2H   | 2H   | 17.8                | 18.5 | 18.1 | 18.7 | 18.9 | 17.8              | 18.5 | 18.1 | 18.7 | 18.9 |
|  | 3H   | 17.8                | 18.4 | 18.1 | 18.7 | 19.0 | 17.8              | 18.4 | 18.1 | 18.7 | 19.0 |
|  | 4H   | 17.8                | 18.4 | 18.2 | 18.7 | 19.0 | 17.8              | 18.4 | 18.1 | 18.7 | 19.0 |
|  | 6H   | 17.8                | 18.4 | 18.2 | 18.7 | 19.0 | 17.7              | 18.2 | 18.1 | 18.6 | 18.9 |
|  | 8H   | 17.9                | 18.4 | 18.2 | 18.7 | 19.0 | 17.7              | 18.2 | 18.1 | 18.5 | 18.9 |
|  | 12H  | 17.8                | 18.3 | 18.2 | 18.7 | 19.0 | 17.7              | 18.1 | 18.0 | 18.5 | 18.8 |
| 4H   | 2H   | 17.8                | 18.4 | 18.1 | 18.7 | 19.0 | 17.8              | 18.4 | 18.2 | 18.7 | 19.0 |
|  | 3H   | 17.9                | 18.4 | 18.3 | 18.7 | 19.1 | 17.9              | 18.4 | 18.3 | 18.8 | 19.1 |
|  | 4H   | 17.9                | 18.4 | 18.3 | 18.7 | 19.1 | 17.9              | 18.4 | 18.3 | 18.7 | 19.1 |
|  | 6H   | 18.0                | 18.4 | 18.4 | 18.8 | 19.2 | 17.9              | 18.3 | 18.3 | 18.7 | 19.1 |
|  | 8H   | 18.0                | 18.4 | 18.5 | 18.8 | 19.2 | 17.9              | 18.2 | 18.3 | 18.6 | 19.1 |
|  | 12H  | 18.0                | 18.3 | 18.5 | 18.8 | 19.2 | 17.8              | 18.2 | 18.3 | 18.6 | 19.0 |
| 8H   | 4H   | 17.9                | 18.2 | 18.3 | 18.6 | 19.1 | 18.0              | 18.4 | 18.5 | 18.8 | 19.2 |
|  | 6H   | 18.0                | 18.3 | 18.5 | 18.7 | 19.2 | 18.0              | 18.3 | 18.5 | 18.8 | 19.2 |
|  | 8H   | 18.0                | 18.3 | 18.5 | 18.8 | 19.2 | 18.0              | 18.3 | 18.5 | 18.8 | 19.2 |
|  | 12H  | 18.1                | 18.3 | 18.6 | 18.8 | 19.3 | 18.0              | 18.2 | 18.5 | 18.7 | 19.3 |
| 12H  | 4H   | 17.8                | 18.2 | 18.3 | 18.6 | 19.0 | 18.0              | 18.3 | 18.5 | 18.8 | 19.2 |
|  | 6H   | 18.0                | 18.2 | 18.5 | 18.7 | 19.2 | 18.1              | 18.3 | 18.5 | 18.8 | 19.3 |
|  | 8H   | 18.0                | 18.2 | 18.5 | 18.7 | 19.3 | 18.1              | 18.3 | 18.6 | 18.8 | 19.3 |
| Variations with the observer position at spacing:                |      |                     |      |      |      |      |                   |      |      |      |      |
| S =  | 1.0H | 1.5 / -1.5          |      |      |      |      | 1.5 / -1.5        |      |      |      |      |
|  | 1.5H | 3.1 / -3.4          |      |      |      |      | 3.1 / -3.4        |      |      |      |      |
|  | 2.0H | 4.9 / -4.6          |      |      |      |      | 4.9 / -4.6        |      |      |      |      |