



QUIRA

RECESSED LUMINAIRE

QUIRA - the recessed spotlight with impressive features: powerful and extremely flexible, yet small and handy. QUIRA can be swivelled to accentuate merchandise while remaining flush with the ceiling. And when extended, QUIRA precisely illuminates all high-level decoration. Optionally fitted with the ACTIVE LED module. This makes the precise adjustment of the light possible as regards intensity and colour temperature.



Calm ceiling appearance

QUIRA tilted in can be used as a downlight



Almost invisible

Can be tilted in through up to 15°



High level incidence of light

Can be tilted out through up to 70°: ideal for the goods wall



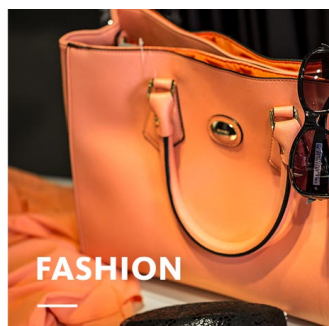
Five beam angles

Optimum light distribution by means of efficient faceted reflectors E65SP, MF, FL, WFL und VWF



Intelligent light



Smart lighting management optionally with control line or wireless



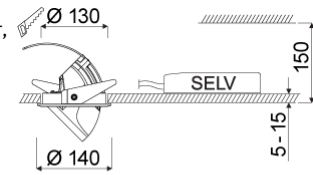
QUIRA

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| | |
|-------------------------|---|
| Type of luminaire | recessed luminaire |
| Application areas | Accent lighting, High-level decoration |
| Pan/tilt range | Rotates through 355°, swivels through 85° (15° inwards, 70° outwards) |
| Mounting | spring mounting |
| Ceiling thickness | 5 - 15 mm |
| Lighting technology | LED |
| LED Luminous Flux Class | 1500 lm - 4000 lm |
| Light colour White | 2700 K, 3000 K, 3000 K - Efficient White, 3000 K - Brilliant Colour, 3500 K, 4000 K |
| Light colour Food* | M, M+F, BF |
| Cooling | passive |
| Supply unit | Driver separate |
| Luminaire colour | RAL 9005 jet black RAL 9006 white aluminium RAL 9016 traffic white Special colours on request |
| Surface | structure powder-coated |
| Nominal voltage | 220 - 240 V, 50/60Hz |
| Lighting controls | on request |
| Weight | Approx. 0.8 kg |
| Components |  Luminaire housing  Optic  Supply unit |
| Test seal |      |

* M = Meat,
M = Meat, F = Fish,
BF = Brilliant Food



Technical details as well as weight specifications and measurements have been prepared with care. Errors excepted. All dimensions in mm · LED service life data: L80/B10 at ambient temperature (ta) 25°C. Rated lamp service life 50,000h. Luminous flux and efficiency specifications are subject to a tolerance of +/- 10%. Min CRI Ra: >80 / >90 · Product images are used as an example and may differ from the original · We reserve the right to make changes, insofar as they serve progress. Oktalite Lichttechnik GmbH · Mathias-Brüggen-Str. 73 · 50829 Cologne · T +49 221 59767-0 · F +49 221 59767-40 · mail@oktalite.com · www.oktalite.com · 2020-09-28

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| LED Luminous Flux Class | Light colour | CRI R _a | system luminous flux* | System performance | Order number | | |
|-------------------------|---------------------------|--------------------|-----------------------|--------------------|--------------|----------|----------|
| | | | | | white | silver | black |
| 2000 lm | 3000 K - Efficient White | 94 | 2070 lm | 17 W | 10187706 | 10187707 | 10187708 |
| | 3000 K - Brilliant Colour | 97 | 1945 lm | 21 W | 10187715 | 10187716 | 10187717 |
| 3000 lm | 2700 K | 81 | 2925 lm | 23 W | 10187700 | 10187701 | 10187702 |
| | 3000 K | 83 | 3050 lm | 23 W | 10187703 | 10187704 | 10187705 |
| | 3000 K - Efficient White | 94 | 2995 lm | 27 W | 10187706 | 10187707 | 10187708 |
| | 3000 K - Brilliant Colour | 97 | 2880 lm | 35 W | 10187715 | 10187716 | 10187717 |
| | 3500 K | 85 | 3110 lm | 23 W | 10187709 | 10187710 | 10187711 |
| | 4000 K | 83 | 3170 lm | 23 W | 10187712 | 10187713 | 10187714 |
| 4000 lm | 2700 K | 81 | 3685 lm | 31 W | 10187700 | 10187701 | 10187702 |
| | 3000 K | 83 | 3845 lm | 31 W | 10187703 | 10187704 | 10187705 |
| | 3000 K - Efficient White | 94 | 3790 lm | 37 W | 10187706 | 10187707 | 10187708 |
| | 3500 K | 85 | 3915 lm | 31 W | 10187709 | 10187710 | 10187711 |
| | 4000 K | 83 | 3995 lm | 31 W | 10187712 | 10187713 | 10187714 |
| 1500 lm | M | - | 1480 lm | 23 W | 10187691 | 10187692 | 10187693 |
| | M+F | - | 1395 lm | 23 W | 10187694 | 10187695 | 10187696 |
| 2000 lm | M | - | 1865 lm | 31 W | 10187691 | 10187692 | 10187693 |
| | M+F | - | 1760 lm | 31 W | 10187694 | 10187695 | 10187696 |
| | BF | - | 1855 lm | 19 W | 10213480 | 10213481 | 10213482 |
| 3000 lm | BF | - | 2720 lm | 31 W | 10213480 | 10213481 | 10213482 |

* System luminous flux based on medium flood reflector.



Efficient White: R_s = 75, R_r = 91, R_g = 102



Brilliant Colour: R_s = 94, R_r = 95, R_g = 104

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Optic QUIRA - LED

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Optic 3D faceted reflectors
Type interchangeable reflector system

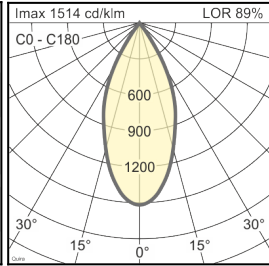
| Beam angle | | | | Cover | LOR | Order number | | | | | | | | | | | | | | | | | | |
|---|-------------|----------------|----------------|----------|-------------|----------------|----------------|----------|----|------|------|---|-----|------|-----|---|-----|-----|-----|--|--|--|--|--|
| Spot | | | | | | white | silver | black | | | | | | | | | | | | | | | | |
| Quira - SP <table border="1"> <thead> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>26</td> <td>5964</td> <td>2956</td> </tr> <tr> <td>2</td> <td>52</td> <td>1491</td> <td>739</td> </tr> <tr> <td>3</td> <td>78</td> <td>663</td> <td>328</td> </tr> </tbody> </table> | | | | Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | 1 | 26 | 5964 | 2956 | 2 | 52 | 1491 | 739 | 3 | 78 | 663 | 328 | | | | | |
| Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | | | | | | | | | | | | | | | | | | | | | |
| 1 | 26 | 5964 | 2956 | | | | | | | | | | | | | | | | | | | | | |
| 2 | 52 | 1491 | 739 | | | | | | | | | | | | | | | | | | | | | |
| 3 | 78 | 663 | 328 | | | | | | | | | | | | | | | | | | | | | |
| | | | | without | 89 % | 10186739 | 10186740 | 10186741 | | | | | | | | | | | | | | | | |
| | | | | clear | 85 % | 10186748 | 10186749 | 10186750 | | | | | | | | | | | | | | | | |
| Beam angle | | | | Cover | LOR | Order number | | | | | | | | | | | | | | | | | | |
| Medium Flood | | | | | | white | silver | black | | | | | | | | | | | | | | | | |
| Quira - MF <table border="1"> <thead> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>46</td> <td>2841</td> <td>1319</td> </tr> <tr> <td>2</td> <td>92</td> <td>710</td> <td>330</td> </tr> <tr> <td>3</td> <td>139</td> <td>316</td> <td>147</td> </tr> </tbody> </table> | | | | Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | 1 | 46 | 2841 | 1319 | 2 | 92 | 710 | 330 | 3 | 139 | 316 | 147 | | | | | |
| Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | | | | | | | | | | | | | | | | | | | | | |
| 1 | 46 | 2841 | 1319 | | | | | | | | | | | | | | | | | | | | | |
| 2 | 92 | 710 | 330 | | | | | | | | | | | | | | | | | | | | | |
| 3 | 139 | 316 | 147 | | | | | | | | | | | | | | | | | | | | | |
| | | | | without | 90 % | 10186742 | 10186743 | 10186744 | | | | | | | | | | | | | | | | |
| | | | | clear | 86 % | 10186751 | 10186752 | 10186753 | | | | | | | | | | | | | | | | |
| Beam angle | | | | Cover | LOR | Order number | | | | | | | | | | | | | | | | | | |
| Flood | | | | | | white | silver | black | | | | | | | | | | | | | | | | |
| Quira - FL <table border="1"> <thead> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>67</td> <td>1962</td> <td>845</td> </tr> <tr> <td>2</td> <td>133</td> <td>490</td> <td>211</td> </tr> <tr> <td>3</td> <td>200</td> <td>218</td> <td>94</td> </tr> </tbody> </table> | | | | Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | 1 | 67 | 1962 | 845 | 2 | 133 | 490 | 211 | 3 | 200 | 218 | 94 | | | | | |
| Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | | | | | | | | | | | | | | | | | | | | | |
| 1 | 67 | 1962 | 845 | | | | | | | | | | | | | | | | | | | | | |
| 2 | 133 | 490 | 211 | | | | | | | | | | | | | | | | | | | | | |
| 3 | 200 | 218 | 94 | | | | | | | | | | | | | | | | | | | | | |
| | | | | without | 89 % | 10186745 | 10186746 | 10186747 | | | | | | | | | | | | | | | | |
| | | | | clear | 85 % | 10186754 | 10186755 | 10186756 | | | | | | | | | | | | | | | | |

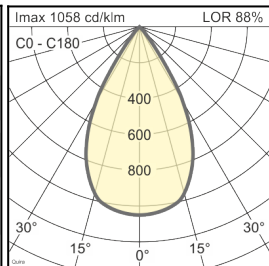
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Optic 3D faceted reflectors
 Type interchangeable reflector system

| Beam angle | | | | Cover | LOR | Order number | | | | | | | | | | | | | | | | | | |
|---|-------------|----------------|----------------|----------|-------------|----------------|----------------|----------|----|------|-----|---|-----|-----|-----|---|-----|-----|----|---------|------|----------|----------|----------|
| Wide Flood | | | | | | white | silver | black | | | | | | | | | | | | | | | | |
| Quira - WFL <table border="1"> <thead> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>85</td> <td>1514</td> <td>592</td> </tr> <tr> <td>2</td> <td>170</td> <td>379</td> <td>148</td> </tr> <tr> <td>3</td> <td>255</td> <td>168</td> <td>66</td> </tr> </tbody> </table> | | | | Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | 1 | 85 | 1514 | 592 | 2 | 170 | 379 | 148 | 3 | 255 | 168 | 66 | without | 89 % | 10186757 | 10186758 | 10186759 |
| Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | | | | | | | | | | | | | | | | | | | | | |
| 1 | 85 | 1514 | 592 | | | | | | | | | | | | | | | | | | | | | |
| 2 | 170 | 379 | 148 | | | | | | | | | | | | | | | | | | | | | |
| 3 | 255 | 168 | 66 | | | | | | | | | | | | | | | | | | | | | |
|  | | | | clear | 85 % | 10186763 | 10186764 | 10186765 | | | | | | | | | | | | | | | | |

| Beam angle | | | | Cover | LOR | Order number | | | | | | | | | | | | | | | | | | |
|---|-------------|----------------|----------------|----------|-------------|----------------|----------------|----------|-----|------|-----|---|-----|-----|----|---|-----|-----|----|---------|------|----------|----------|----------|
| Very Wide Flood | | | | | | white | silver | black | | | | | | | | | | | | | | | | |
| Quira - VFL <table border="1"> <thead> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>116</td> <td>1058</td> <td>344</td> </tr> <tr> <td>2</td> <td>232</td> <td>265</td> <td>86</td> </tr> <tr> <td>3</td> <td>348</td> <td>118</td> <td>38</td> </tr> </tbody> </table> | | | | Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | 1 | 116 | 1058 | 344 | 2 | 232 | 265 | 86 | 3 | 348 | 118 | 38 | without | 88 % | 10186760 | 10186761 | 10186762 |
| Höhe [m] | KegelØ [cm] | E(0°) [lx/klm] | E(C0) [lx/klm] | | | | | | | | | | | | | | | | | | | | | |
| 1 | 116 | 1058 | 344 | | | | | | | | | | | | | | | | | | | | | |
| 2 | 232 | 265 | 86 | | | | | | | | | | | | | | | | | | | | | |
| 3 | 348 | 118 | 38 | | | | | | | | | | | | | | | | | | | | | |
|  | | | | clear | 84 % | 10186766 | 10186767 | 10186768 | | | | | | | | | | | | | | | | |

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Supply unit - LED

Driver

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| | |
|------------------------|--------------------------------|
| Connection type | Pre-wired plug-in connectivity |
| Mains connection | GST 18i3 |
| Cable length secondary | 400 mm |
| Nominal voltage | 220 - 240 V, 50/60Hz |
| protection | IP20 |
| protection class | I, II |
| Lighting controls | on request |
| Lighting technology | LED |

| Lighting technology | Luminaire connection | Output | System performance | Order number |
|---------------------|----------------------|--------|--------------------|--------------|
| LED | RNV | 450 mA | 17 W | 10211947 |
| LED | RNV | 500 mA | 19 W | 10211948 |
| LED | RNV | 550 mA | 21 W | 10211949 |
| LED | RNV | 600 mA | 23 W | 10211950 |
| LED | RNV | 700 mA | 27 W | 10211952 |
| LED | RNV | 800 mA | 31 W | 10211954 |
| LED | RNV | 900 mA | 35 W | 10211956 |
| LED | RNV | 950 mA | 37 W | 10211957 |

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