

Downlight da incasso · Multi 30

CDL 30.3040.02



## Descrizione

- downlight da incasso per illuminazione generale
- lampada espandibile con diversi vetri e anelli decorativi ottici
- elevata facilità di manutenzione
- assenza di radiazioni termiche e UV
- gestione termica innovativa con raffreddamento passivo (termodispersore in pressofusione di alluminio)
- riflettore a specchio in alluminio con curva fotometrica simmetrica precisa per un'alta resa luminosa e il controllo ottimale dell'abbagliamento
- anello frontale/di montaggio in polycarbonato
- montaggio a soffitto senza attrezzi con dispositivi a serraggio rapido (regolazione automatica dello spessore del soffitto)
- collegamento all'alimentatore tramite cavo lampada preinstallato
- alimentatore (convertitore LED) incluso (posizionamento esterno)

## Opzioni standard



## Opzioni speciali



## Dati illuminotecnici / Norme

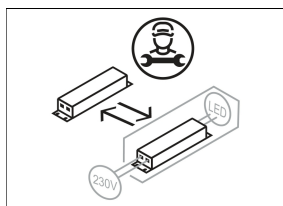
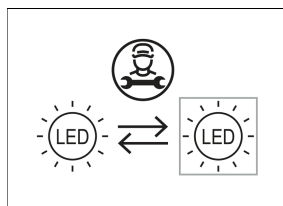
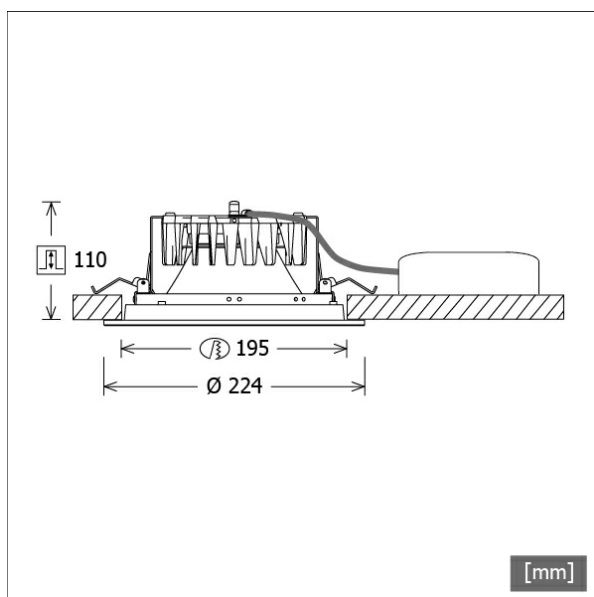
|                             |                             |
|-----------------------------|-----------------------------|
| Lampade                     | LED Modul / CRI 80 / 4000 K |
| EPREL fonti luminose        | 891020                      |
|                             | L90 B50 50.000 h            |
|                             | L80 B50 100.000 h           |
|                             | L80 B20 50.000 h            |
| Durata                      |                             |
| Prestazioni sistema         | 28.0 W                      |
| Flusso luminoso apparecchio | max. 3140 lm                |
| Efficienza sistema          | 112.14 lm/W                 |
| Efficienza del modulo       | 123.23 lm/W                 |
| UGR classe                  | ≤28                         |
| Angolo del fascio luminoso  | 75°                         |
| Tensione di alimentazione   | 220 - 240 V / 50 - 60 Hz    |
| Classe di protezione        | III                         |
| Tipo di protezione          | IP20                        |

## Dimensioni / pesi

|                       |                |
|-----------------------|----------------|
| Diametro esterno      | 224 mm         |
| Altezza               | 113 mm         |
| Dimensione foro (Ø)   | 195 mm         |
| Spessore soffitto     | 10.0 - 35.0 mm |
| Profondità di incasso | 110 mm         |
| Peso netto            | 0.97 kg        |
| Peso lordo            | 1.02 kg        |



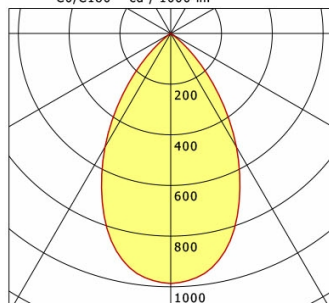
| Colori  | Articolo n. | EAN           |
|---------|-------------|---------------|
| argento | 660098      | 4043544689177 |
| bianco  | 660099      | 4043544689184 |



# CDL 30.3040.02

Multi 30 (CDL ohne Dekor, 1xLED 28W 840/4000K 3140lm 75 °)

C0/C180 cd / 1000 lm



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 987 | 987 | 987  | 987  |
| 15° | 869 | 869 | 869  | 869  |
| 30° | 518 | 518 | 518  | 518  |
| 45° | 150 | 150 | 150  | 150  |
| 60° | 0   | 0   | 0    | 0    |
| 75° | 0   | 0   | 0    | 0    |
| 90° | 0   | 0   | 0    | 0    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

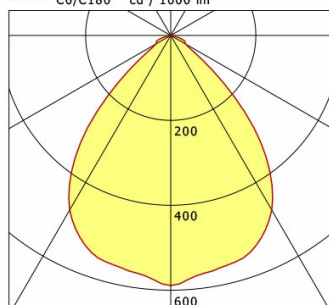
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.59           | 344.4            |
| 6.0        | 7.19           | 86.1             |
| 9.0        | 10.78          | 38.3             |
| 12.0       | 14.37          | 21.5             |
| 15.0       | 17.97          | 13.8             |

|                    |                    |
|--------------------|--------------------|
| <b>η</b>           | LED                |
| Efficiency         | 112 lm/W           |
| Direct/Indirect    | ↓ 100% / ↑ 0%      |
| System Power       | 28 W               |
| <b>UGR</b>         | X=4H, Y=8H         |
| Reflection factors | 70/50/20           |
| UGR C0/C180        | 20.2               |
| UGR C90/C270       | 20.2               |
| CIE Flux Codes     | 89 100 100 100 100 |
| Ra/CRI             | >80                |

LTS

Multi 30 (CDZ 3.01, 1xLED 28W 840/4000K 2680lm 75 °)

C0/C180 cd / 1000 lm



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 589 | 589 | 589  | 589  |
| 15° | 556 | 556 | 556  | 556  |
| 30° | 475 | 475 | 475  | 475  |
| 45° | 229 | 229 | 229  | 229  |
| 60° | 40  | 40  | 40   | 40   |
| 75° | 17  | 17  | 17   | 17   |
| 90° | 0   | 0   | 0    | 0    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

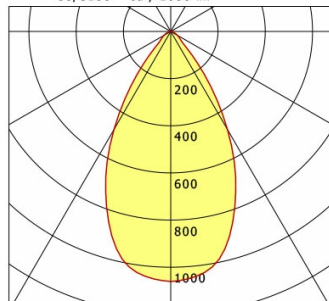
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 5.37           | 175.4            |
| 6.0        | 10.74          | 43.8             |
| 9.0        | 16.11          | 19.5             |
| 12.0       | 21.49          | 11.0             |
| 15.0       | 26.86          | 7.0              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 96 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 28 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 23.7             |
| UGR C90/C270       | 23.7             |
| CIE Flux Codes     | 73 94 99 100 100 |
| Ra/CRI             | >80              |

LTS

Multi 30 (CDZ 3.08, 1xLED 28W 840/4000K 3010lm 75 °)

C0/C180 cd / 1000 lm



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1061 | 1061 | 1061 | 1061 |
| 15° | 927  | 927  | 927  | 927  |
| 30° | 480  | 480  | 480  | 480  |
| 45° | 84   | 84   | 84   | 84   |
| 60° | 32   | 32   | 32   | 32   |
| 75° | 12   | 12   | 12   | 12   |
| 90° | 1    | 1    | 1    | 1    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

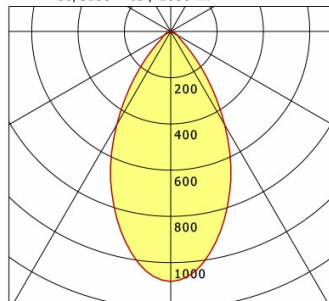
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.26           | 354.7            |
| 6.0        | 6.52           | 88.7             |
| 9.0        | 9.77           | 39.4             |
| 12.0       | 13.03          | 22.2             |
| 15.0       | 16.29          | 14.2             |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 108 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 28 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 21.0             |
| UGR C90/C270       | 21.0             |
| CIE Flux Codes     | 86 96 99 100 100 |
| Ra/CRI             | >80              |

LTS

Multi 30 (CDZ 3.35, 1xLED 28W 840/4000K 3040lm 75 °)

C0/C180 cd / 1000 lm



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1082 | 1082 | 1082 | 1082 |
| 15° | 867  | 867  | 867  | 867  |
| 30° | 466  | 466  | 466  | 466  |
| 45° | 115  | 115  | 115  | 115  |
| 60° | 34   | 34   | 34   | 34   |
| 75° | 15   | 15   | 15   | 15   |
| 90° | 0    | 0    | 0    | 0    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.11           | 365.4            |
| 6.0        | 6.22           | 91.4             |
| 9.0        | 9.33           | 40.6             |
| 12.0       | 12.44          | 22.8             |
| 15.0       | 15.55          | 14.6             |

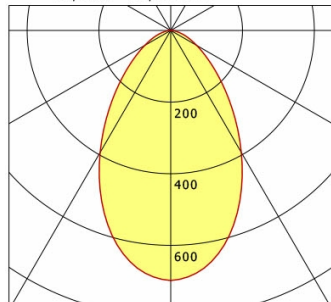
|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 109 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 28 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 21.9             |
| UGR C90/C270       | 21.9             |
| CIE Flux Codes     | 84 95 99 100 100 |
| Ra/CRI             | >80              |

LTS

# CDL 30.3040.02

Multi 30 (CDZ 3.38, 1xLED 28W 840/4000K 2790lm 75 °)

C0/C180 cd / 1000 lm



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 698 | 698 | 698  | 698  |
| 15°          | 606 | 606 | 606  | 606  |
| 30°          | 393 | 393 | 393  | 393  |
| 45°          | 196 | 196 | 196  | 196  |
| 60°          | 84  | 84  | 84   | 84   |
| 75°          | 28  | 28  | 28   | 28   |
| 90°          | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |

Offset [m] Cone width [m] Illuminance [lx]

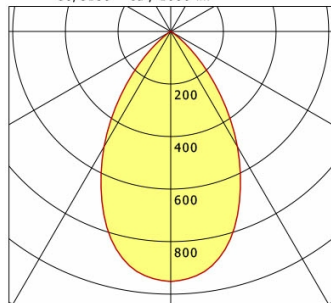
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.89           | 216.4            |
| 6.0        | 7.79           | 54.1             |
| 9.0        | 11.68          | 24.0             |
| 12.0       | 15.57          | 13.5             |
| 15.0       | 19.46          | 8.7              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 100 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 28 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 25.7             |
| UGR C90/C270       | 25.7             |
| CIE Flux Codes     | 67 90 98 100 100 |
| Ra/CRI             | >80              |

LTS

Multi 30 (CDZ 3.39, 1xLED 28W 840/4000K 3010lm 75 °)

C0/C180 cd / 1000 lm



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 952 | 952 | 952  | 952  |
| 15°          | 839 | 839 | 839  | 839  |
| 30°          | 507 | 507 | 507  | 507  |
| 45°          | 155 | 155 | 155  | 155  |
| 60°          | 7   | 7   | 7    | 7    |
| 75°          | 4   | 4   | 4    | 4    |
| 90°          | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |

Offset [m] Cone width [m] Illuminance [lx]

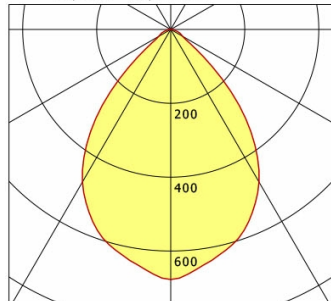
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.64           | 318.4            |
| 6.0        | 7.28           | 79.6             |
| 9.0        | 10.91          | 35.4             |
| 12.0       | 14.55          | 19.9             |
| 15.0       | 18.19          | 12.7             |

|                    |                   |
|--------------------|-------------------|
| <b>η</b>           | LED               |
| Efficiency         | 108 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%     |
| System Power       | 28 W              |
| <b>UGR</b>         | X=4H, Y=8H        |
| Reflection factors | 70/50/20          |
| UGR C0/C180        | 20.4              |
| UGR C90/C270       | 20.4              |
| CIE Flux Codes     | 87 99 100 100 100 |
| Ra/CRI             | >80               |

LTS

Multi 30 (CDZ 3.60, 1xLED 28W 840/4000K 2980lm 75 °)

C0/C180 cd / 1000 lm



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 677 | 677 | 677  | 677  |
| 15°          | 611 | 611 | 611  | 611  |
| 30°          | 477 | 477 | 477  | 477  |
| 45°          | 214 | 214 | 214  | 214  |
| 60°          | 37  | 37  | 37   | 37   |
| 75°          | 15  | 15  | 15   | 15   |
| 90°          | 0   | 0   | 0    | 0    |
| cd / 1000 lm |     |     |      |      |

Offset [m] Cone width [m] Illuminance [lx]

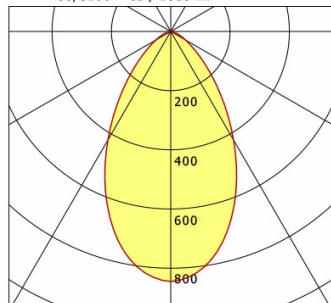
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 4.81           | 224.2            |
| 6.0        | 9.62           | 56.1             |
| 9.0        | 14.44          | 24.9             |
| 12.0       | 19.25          | 14.0             |
| 15.0       | 24.06          | 9.0              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 106 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 28 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 23.4             |
| UGR C90/C270       | 23.4             |
| CIE Flux Codes     | 76 95 99 100 100 |
| Ra/CRI             | >80              |

LTS

Multi 30 (CDZ 3.61, 1xLED 28W 840/4000K 3010lm 75 °)

C0/C180 cd / 1000 lm



|              | C0  | C90 | C180 | C270 |
|--------------|-----|-----|------|------|
| 0°           | 845 | 845 | 845  | 845  |
| 15°          | 714 | 714 | 714  | 714  |
| 30°          | 424 | 424 | 424  | 424  |
| 45°          | 175 | 175 | 175  | 175  |
| 60°          | 57  | 57  | 57   | 57   |
| 75°          | 18  | 18  | 18   | 18   |
| 90°          | 1   | 1   | 1    | 1    |
| cd / 1000 lm |     |     |      |      |

Offset [m] Cone width [m] Illuminance [lx]

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.47           | 282.6            |
| 6.0        | 6.95           | 70.7             |
| 9.0        | 10.42          | 31.4             |
| 12.0       | 13.89          | 17.7             |
| 15.0       | 17.37          | 11.3             |

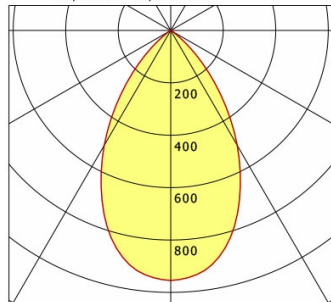
|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 108 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 28 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 23.9             |
| UGR C90/C270       | 23.9             |
| CIE Flux Codes     | 75 94 99 100 100 |
| Ra/CRI             | >80              |

LTS

# CDL 30.3040.02

Multi 30 (CDZ 3.62, 1xLED 28W 840/4000K 3070lm 75 °)

C0/C180 cd / 1000 lm



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 955 | 955 | 955  | 955  |
| 15° | 840 | 840 | 840  | 840  |
| 30° | 507 | 507 | 507  | 507  |
| 45° | 154 | 154 | 154  | 154  |
| 60° | 7   | 7   | 7    | 7    |
| 75° | 4   | 4   | 4    | 4    |
| 90° | 0   | 0   | 0    | 0    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

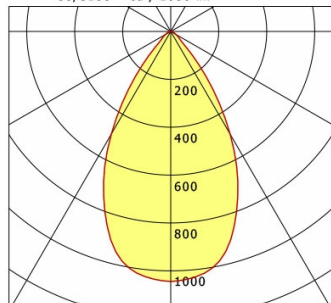
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.63           | 325.6            |
| 6.0        | 7.26           | 81.4             |
| 9.0        | 10.89          | 36.2             |
| 12.0       | 14.52          | 20.4             |
| 15.0       | 18.15          | 13.0             |

|                    |                   |
|--------------------|-------------------|
| <b>η</b>           | LED               |
| Efficiency         | 110 lm/W          |
| Direct/Indirect    | ↓ 100% / ↑ 0%     |
| System Power       | 28 W              |
| <b>UGR</b>         | X=4H, Y=8H        |
| Reflection factors | 70/50/20          |
| UGR C0/C180        | 20.4              |
| UGR C90/C270       | 20.4              |
| CIE Flux Codes     | 87 99 100 100 100 |
| Ra/CRI             | >80               |

LTS

Multi 30 (CDZ 3.63, 1xLED 28W 840/4000K 3040lm 75 °)

C0/C180 cd / 1000 lm



|     | C0   | C90  | C180 | C270 |
|-----|------|------|------|------|
| 0°  | 1045 | 1045 | 1045 | 1045 |
| 15° | 928  | 928  | 928  | 928  |
| 30° | 495  | 495  | 495  | 495  |
| 45° | 84   | 84   | 84   | 84   |
| 60° | 26   | 26   | 26   | 26   |
| 75° | 10   | 10   | 10   | 10   |
| 90° | 1    | 1    | 1    | 1    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

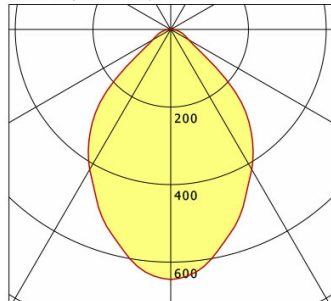
| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 3.35           | 352.8            |
| 6.0        | 6.70           | 88.2             |
| 9.0        | 10.06          | 39.2             |
| 12.0       | 13.41          | 22.1             |
| 15.0       | 16.76          | 14.1             |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 109 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 28 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 20.5             |
| UGR C90/C270       | 20.5             |
| CIE Flux Codes     | 88 97 99 100 100 |
| Ra/CRI             | >80              |

LTS

Multi 30 (CDZ 3.64, 1xLED 28W 840/4000K 2870lm 75 °)

C0/C180 cd / 1000 lm



|     | C0  | C90 | C180 | C270 |
|-----|-----|-----|------|------|
| 0°  | 645 | 645 | 645  | 645  |
| 15° | 557 | 557 | 557  | 557  |
| 30° | 417 | 417 | 417  | 417  |
| 45° | 246 | 246 | 246  | 246  |
| 60° | 54  | 54  | 54   | 54   |
| 75° | 26  | 26  | 26   | 26   |
| 90° | 2   | 2   | 2    | 2    |

cd / 1000 lm

Offset [m] Cone width [m] Illuminance [lx]

| Offset [m] | Cone width [m] | Illuminance [lx] |
|------------|----------------|------------------|
| 3.0        | 4.90           | 205.6            |
| 6.0        | 9.81           | 51.4             |
| 9.0        | 14.71          | 22.8             |
| 12.0       | 19.61          | 12.9             |
| 15.0       | 24.51          | 8.2              |

|                    |                  |
|--------------------|------------------|
| <b>η</b>           | LED              |
| Efficiency         | 103 lm/W         |
| Direct/Indirect    | ↓ 100% / ↑ 0%    |
| System Power       | 28 W             |
| <b>UGR</b>         | X=4H, Y=8H       |
| Reflection factors | 70/50/20         |
| UGR C0/C180        | 25.1             |
| UGR C90/C270       | 25.1             |
| CIE Flux Codes     | 69 92 98 100 100 |
| Ra/CRI             | >80              |

LTS

# CDL 30.3040.02

## Accessori



**CDZ 3.01**  
Vetro semiopacizzato  
(interno)



**CDZ 3.08**  
Anello in vetro satinato  
(sporgente)



**CDZ 3.35**  
Anello in vetro decorativo opacizzato  
(interno)



**CDZ 3.38**  
Vetro satinato  
(interno)



**CDZ 3.39**  
Vetro trasparente  
(interno)



**CDZ 3.60**  
Vetro acrilico semiopacizzato  
(interno)



**CDZ 3.61**  
Vetro acrilico opacizzato  
(interno)



**CDZ 3.62**  
Vetro acrilico trasparente  
(interno)



**CDZ 3.63**  
Anello in vetro acrilico opacizzato  
(sporgente)



**CDZ 3.64**  
Vetro acrilico opacizzato all'interno  
(sporgente)



**NOL 50B/3H/DALI**  
Gruppo di emergenza LED



**ZVP 100**  
Cornice di rinforzo universale  
(modulo 625 x 625)