



### DIMENSIONS



### ACCESSORIES



HIGH CHROMATIC LED

### AWARDS

**DESIGN PLUS**  
2012 AWARD



|           |                    |
|-----------|--------------------|
| Name      | LEX MINI 2 3000K Z |
| Reference | A3780211Z          |
| Color     | Aluminium          |
| RAL       | 9006               |
| Category  | CEILING RECESSED   |

|                        |                  |
|------------------------|------------------|
| Type                   | LED              |
| Gross luminous flux    | 1460 lm          |
| Colour temperature     | 3000 K           |
| Chromatic stability    | MacAdam Step 2   |
| Colour Rendering Index | CRI > 90         |
| Power                  | 12 W             |
| Current                | 350 mA           |
| Efficacy               | 122 lm/W         |
| LED lifespan           | L90B10 > 55.000h |

### LIGHT SOURCE

|                        |                  |
|------------------------|------------------|
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### LIGHTING FIXTURE | PHOTOMETRIC DATA

|                     |     |
|---------------------|-----|
| Lighting efficiency | 66% |
| Light beam angle    | 70° |

### LIGHTING FIXTURE | ELECTRICAL DATA

|                             |                                    |
|-----------------------------|------------------------------------|
| Driver                      | Included                           |
| Power values of the system  | 14,15 W                            |
| Frequency                   | 50/60 Hz                           |
| Dimming                     | No Dim - Other DIM, please consult |
| Electrical insulation class | □                                  |

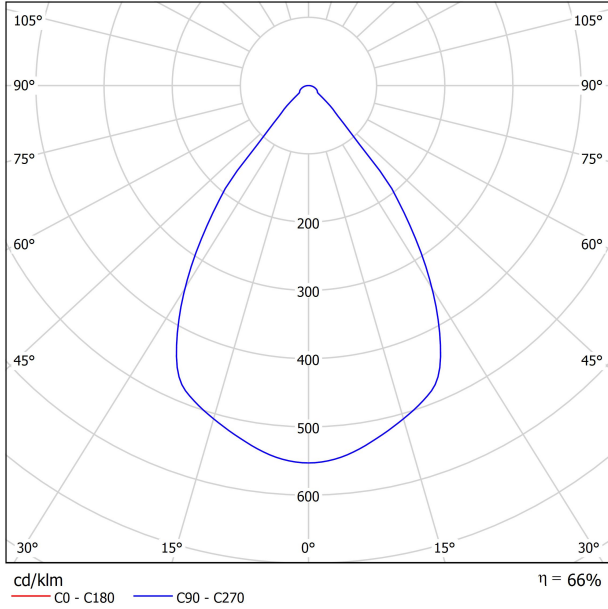
### OTHER DATA

|                        |                           |
|------------------------|---------------------------|
| Sealing                | IP20                      |
| Wireless control       | Please Consult            |
| Emergency power supply | Please Consult            |
| Recess measurements    | Ø105 mm                   |
| Weight                 | 363 g                     |
| Packaged weight        | 508 g                     |
| Packaging dimensions   | 194 x 163 x 119 mm        |
| Units per package      | 1                         |
| Materials              | Aluminium / Polycarbonate |

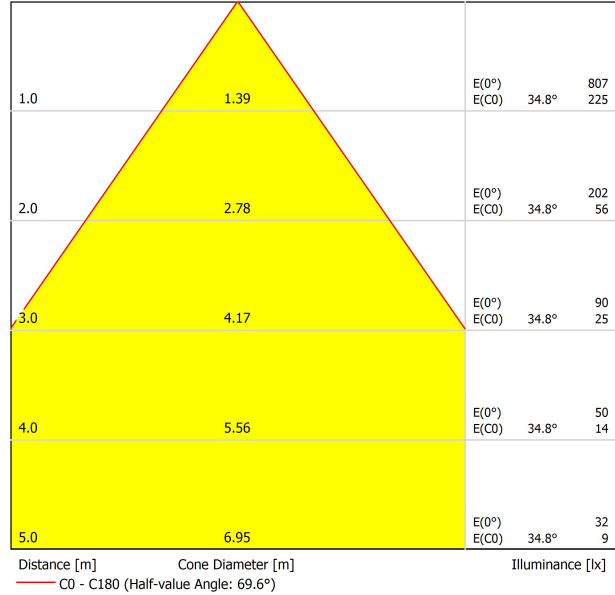


Lex Mini is the smaller version of Lex. Like its big brother, it offers high visual comfort thanks to the double setback of its LED which is located further back in the luminaire, and housed, too, at the end of a second screen. Its mini size is coherent with its proportions, harmonious in relation to its power and flux.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

| Glare Evaluation According to UGR                                |     |  |      |      |      |      |   |      |      |      |      |      |
|--|-----|--|------|------|------|------|---|------|------|------|------|------|
| ρ Ceiling  |     | 70   | 70   | 50   | 50   | 30   | 30                                      | 70   | 70   | 50   | 50   | 30   |
| ρ Walls  |     | 50   | 30   | 50   | 30   | 30   | 30                                      | 50   | 30   | 50   | 30   | 30   |
| ρ Floor  |     | 20   | 20   | 20   | 20   | 20   | 20                                      | 20   | 20   | 20   | 20   | 20   |
| Room Size X Y  |     | Viewing direction at right angles to lamp axis |      |      |      |      | Viewing direction parallel to lamp axis |      |      |      |      |      |
| 2H   | 2H  | 11.2   | 12.0 | 11.4 | 12.2 | 12.4 | 11.2                                    | 12.0 | 11.4 | 12.2 | 12.4 | 12.4 |
|  | 3H  | 13.4   | 14.1 | 13.7 | 14.4 | 14.6 | 13.4                                    | 14.1 | 13.7 | 14.4 | 14.6 | 14.6 |
|  | 4H  | 14.4   | 15.0 | 14.7 | 15.3 | 15.6 | 14.4                                    | 15.0 | 14.7 | 15.3 | 15.6 | 15.6 |
|  | 6H  | 15.2   | 15.8 | 15.5 | 16.1 | 16.3 | 15.2                                    | 15.8 | 15.5 | 16.1 | 16.3 | 16.3 |
|  | 8H  | 15.5   | 16.1 | 15.8 | 16.4 | 16.7 | 15.5                                    | 16.1 | 15.8 | 16.4 | 16.7 | 16.7 |
| 4H   | 12H | 15.8   | 16.3 | 16.1 | 16.6 | 16.9 | 15.8                                    | 16.3 | 16.1 | 16.6 | 16.9 | 16.9 |
|  | 2H  | 12.0   | 12.6 | 12.3 | 12.9 | 13.1 | 12.0                                    | 12.6 | 12.3 | 12.9 | 13.1 | 13.1 |
|  | 3H  | 14.4   | 15.0 | 14.8 | 15.3 | 15.6 | 14.4                                    | 15.0 | 14.8 | 15.3 | 15.6 | 15.6 |
|  | 4H  | 15.5   | 16.0 | 15.9 | 16.3 | 16.7 | 15.5                                    | 16.0 | 15.9 | 16.3 | 16.7 | 16.7 |
|  | 6H  | 16.4   | 16.8 | 16.8 | 17.2 | 17.6 | 16.4                                    | 16.8 | 16.8 | 17.2 | 17.6 | 17.6 |
| 8H   | 12H | 16.8   | 17.2 | 17.2 | 17.6 | 18.0 | 16.8                                    | 17.2 | 17.2 | 17.6 | 18.0 | 18.0 |
|  | 2H  | 17.2   | 17.5 | 17.6 | 17.9 | 18.3 | 17.2                                    | 17.5 | 17.6 | 17.9 | 18.3 | 18.3 |
|  | 4H  | 15.9   | 16.3 | 16.3 | 16.7 | 17.1 | 15.9                                    | 16.3 | 16.3 | 16.7 | 17.1 | 17.1 |
|  | 6H  | 17.0   | 17.3 | 17.5 | 17.7 | 18.2 | 17.0                                    | 17.3 | 17.5 | 17.7 | 18.2 | 18.2 |
|  | 8H  | 17.5   | 17.8 | 18.0 | 18.2 | 18.7 | 17.5                                    | 17.8 | 18.0 | 18.2 | 18.7 | 18.7 |
| 12H  | 12H | 18.0   | 18.2 | 18.5 | 18.6 | 19.1 | 18.0                                    | 18.2 | 18.5 | 18.6 | 19.1 | 19.1 |
|  | 4H  | 16.0   | 16.3 | 16.4 | 16.7 | 17.1 | 16.0                                    | 16.3 | 16.4 | 16.7 | 17.1 | 17.1 |
|  | 6H  | 17.1   | 17.4 | 17.6 | 17.8 | 18.3 | 17.1                                    | 17.4 | 17.6 | 17.8 | 18.3 | 18.3 |
|  | 8H  | 17.7   | 17.9 | 18.2 | 18.4 | 18.9 | 17.7                                    | 17.9 | 18.2 | 18.4 | 18.9 | 18.9 |
| Variation of the observer position for the luminaire distances S |     |  |      |      |      |      |   |      |      |      |      |      |
| S = 1.0H   |     | +2.7 / -2.0                                    |      |      |      |      | +2.7 / -2.0                             |      |      |      |      |      |
| S = 1.5H   |     | +4.9 / -2.2                                    |      |      |      |      | +4.9 / -2.2                             |      |      |      |      |      |
| S = 2.0H   |     | +6.8 / -2.5                                    |      |      |      |      | +6.8 / -2.5                             |      |      |      |      |      |
| Standard table Correction Summand                                |     | BK02 -1.2                                      |      |      |      |      | BK02 -1.2                               |      |      |      |      |      |
| Corrected Glare Indices referring to 1460lm Total Luminous Flux  |     |  |      |      |      |      |   |      |      |      |      |      |

| Vivid Model<br>Colour Temperature | 2700K | 3000K | 3500K | 4000K | Light Pink |
|-----------------------------------|-------|-------|-------|-------|------------|
| 📖 Reading                         |       |       | •     | •     |            |
| 🥬 Fruits & Vegetables             |       | •     | •     |       |            |
| 🍞 Bakery                          | •     |       |       |       |            |
| 👤 Retail                          |       | •     | •     |       |            |
| 💄 Cosmetics                       |       |       | •     | •     |            |
| 🥩 Meat                            |       |       |       |       | •          |
| 🐟 Fish                            |       |       |       | •     |            |
| 🐠 Seafood                         |       |       |       | •     | •          |



For some of its products, Arkoslight offers the possibility to provide them with a special LED, designed to create an illumination focused on visually promoting goods or products for commercial purposes. It is a high chromaticity LED, capable of identifying the colour shades that produce a positive psychological perception of the illuminated object.

This special LED lighting source offers a much more attractive and intense colour range than a conventional LED, besides being much wider. Technically, this is possible thanks to a special LED setting that includes a «special saturation parameter», capable of highlighting the objects colours and materials in such a way that they seem more attractive within the visible light spectrum. To achieve this performance, in each case, the appropriate diode and specific phosphor coating are carefully selected.



Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

Auswechselbares Betriebsgerät durch autorisierten Fachmann

INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN LOS COMPONENTES  
 INSTRUCTIONS ON END-OF-LIFE AND COMPONENT DISPOSAL  
 INSTRUCTIONS POUR LA GESTION DES COMPOSANTS EN FIN DE VIE ET LEUR MISE AU REBUT  
 ISTRUZIONI PER IL FINE VITA E LO SMALTIMENTO DEI COMPONENTI  
 ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN



Interrumpir la alimentación del aparato  
 Cut the power supply to the luminaire  
 Couper l'alimentation du luminaire  
 Interrompere l'alimentazione dell'apparecchio  
 Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho  
 Remove light source(s) for disposal  
 Retirer la (les) source(s) lumineuse(s) pour l'élimination  
 Rimuovere la/le sorgente/e di luce per lo smaltimento  
 Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho  
 Remove the battery for decommissioning  
 Retirer la batterie pour sa mise au rebut  
 Rimuovere la batteria per la dismissione  
 Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho  
 Remove control gear for disposal  
 Retirer le dispositif de commande pour l'élimination  
 Rimuovere l'alimentatore per lo smaltimento  
 Betriebsgerät zur Entsorgung ausbauen



Enviar los materiales a un centro de recogida RAEE  
 Send the materials to a WEEE collection centre  
 Envoyer les matériaux dans une déchetterie DEEE  
 Inviare i materiali ad un centro di raccolta RAEE  
 Die Materialien in einem WEEE-Zentrum entsorgen

