



reddot winner 2020

UNICO linear

ceiling

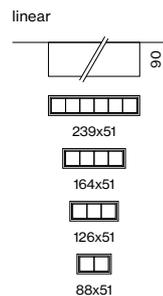
EN Rectangular surface mounted multi-downlight made of aluminium; equipped with two (L2) / three (L3) / four (L4) / six (L6) individually selectable or pre-specified, customised light elements; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface powder coated; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clank-free

ES Downlight múltiple de superficie cuadrado de aluminio; con dos (L2) / tres (L3) / cuatro (L4) / seis (L6) ópticas a elegir o fijas/específicas para la aplicación; cuerpo de luminaria enclavable en placa de montaje sin necesidad de herramienta; convertidor integrado en cuerpo de luminaria; superficie con recubrimiento de pintura en polvo; reflector de alta calidad con superficie microfacetada de aluminio vaporizado; proyección precisa con varias distribuciones de luz simétricas; o con distribución de luz asimétrica; LEDs de alta eficiencia con muy buena reproducción cromática; sin reverberación

Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 L2 up to 98 lm/W
 L3 up to 103 lm/W
 L4 up to 107 lm/W
 L6 up to 111 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2

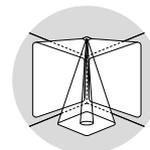
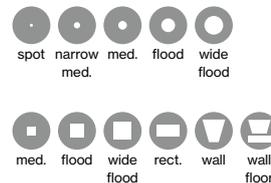
Types



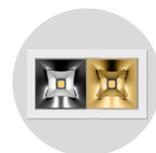
Colours



Light optics



one luminaire multiple scenes



black & gold reflector



tunable white 2700–5000K

Order options

| COLOUR TEMPERATURE | |
|--------------------|---|
| 2700 K | 4 |
| 3000 K | 5 |
| 4000 K | 6 |

| CONTROL | |
|---------|---|
| non DIM | 1 |
| DALI-2 | 3 |

| LIGHT OPTIC | |
|-------------------------------------|---|
| spot round (UGR \leq 10) | K |
| narrow medium round (UGR \leq 10) | N |
| medium round (UGR \leq 10) | B |
| medium square (UGR \leq 10) | E |
| flood round (UGR \leq 16) | C |
| flood square (UGR \leq 19) | F |
| wide flood round | D |
| wide flood square | G |

| MATERIAL COLOUR | |
|----------------------------|---|
| ○ traffic white RAL 9016 | W |
| ● white aluminium RAL 9006 | G |
| ● jet black RAL 9005 | B |
| ● gold dust RAL 260-M | 9 |

| LIGHT OPTIC COLOUR | |
|--------------------|---|
| chrome reflector | 0 |
| black reflector* | B |

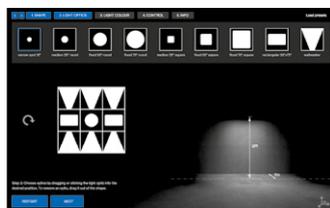
*not available for spot round, narrow medium round and wallwasher

Options on request

| COLOUR TEMPERATURE | |
|---------------------------|--|
| tunable white 2700–5000 K | |
| DALI-2 DT8 | |

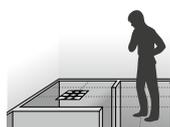
| LIGHT OPTIC COLOUR | |
|--------------------|--|
| gold reflector | |

Product configurator



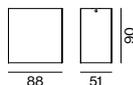
Create your own UNICO PRO
unico.xal.com

Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO L2 basic ceiling



FLOOR

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|--------------|
| 12.6 W | up to 1240lm | 090-1L2::A01 |

choose one light optic ▲ from the options on the left depending on your room needs



CORRIDOR

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|--------------|
| 12.6 W | 1040lm | 090-1L2::R01 |



WALL

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|--------------|
| 12.6 W | 1050lm | 090-1L2::A01 |



WALL + FLOOR

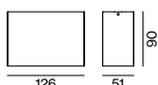
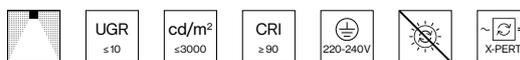
| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|--------------|
| 12.6 W | 1090lm | 090-1L2::W01 |



WALL + FLOOR

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|--------------|
| 12.6 W | 1090lm | 090-1L2::W02 |

UNICO L3 basic ceiling



FLOOR

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|--------------|
| 17.9 W | up to 1850lm | 090-1L3::A01 |

choose one light optic ▲ from the options on the left depending on your room needs



WALL

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|--------------|
| 17.9 W | 1570lm | 090-1L3::A01 |

LUMINOUS FLUX value calculated for
 3000 K, CRI \geq 90, colour white, reflector chrome
 2700 K -6%, 4000 K +7%

Order options

COLOUR TEMPERATURE ◆◆

| | |
|-------|---|
| 2700K | 4 |
| 3000K | 5 |
| 4000K | 6 |

CONTROL ◆

| | |
|---------|---|
| non DIM | 1 |
| DALI-2 | 3 |

LIGHT OPTIC ▲

| | |
|------------------------------|---|
| spot round (UGR≤10) | K |
| narrow medium round (UGR≤10) | N |
| medium round (UGR≤10) | B |
| medium square (UGR≤10) | E |
| flood round (UGR≤16) | C |
| flood square (UGR≤19) | F |
| wide flood round | D |
| wide flood square | G |

MATERIAL COLOUR ▣

| | |
|----------------------------|---|
| ○ traffic white RAL 9016 | W |
| ● white aluminium RAL 9006 | G |
| ● jet black RAL 9005 | B |
| ● gold dust RAL 260-M | 9 |

LIGHT OPTIC COLOUR ■

| | |
|------------------|---|
| chrome reflector | 0 |
| black reflector* | B |

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

| | |
|--------------------------|--|
| tunable white 2700–5000K | |
|--------------------------|--|

DALI-2 DT8

LIGHT OPTIC COLOUR

| | |
|----------------|--|
| gold reflector | |
|----------------|--|

Product configurator



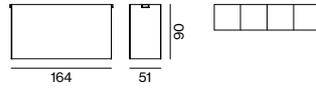
Create your own UNICO PRO
unico.xal.com

Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO L4 basic ceiling



FLOOR

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|--|
| 19.3W | up to 2060lm | 090-1L4 ◆◆▲▣■ 01 |

choose one light optic ▲ from the options on the left depending on your room needs



WALL

4x wallwasher

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|---|
| 19.3W | 1740lm | 090-1L4 ◆◆▲▣■ 001 |



FLOOR/WALL + FLOOR

4x wallwasher floor

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|---|
| 19.3W | 1820lm | 090-1L4 ◆◆▲W▣■ 01 |

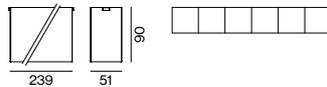


WALL + FLOOR

4x wallwasher floor

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|---|
| 19.3W | 1820lm | 090-1L4 ◆◆▲W▣■ 02 |

UNICO L6 basic ceiling



FLOOR

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|--|
| 27.1W | up to 3000lm | 090-1L6 ◆◆▲▣■ 01 |

choose one light optic ▲ from the options on the left depending on your room needs



CORRIDOR

6x rectangular

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|---|
| 27.1W | 2530lm | 090-1L6 ◆◆▲R▣■ 01 |



WALL

6x wallwasher

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|---|
| 27.1W | 2540lm | 090-1L6 ◆◆▲▣■ 001 |



WALL + FLOOR

6x wallwasher floor

| SYSTEM POWER | LUMINOUS FLUX | ORDER CODE |
|--------------|---------------|---|
| 27.1W | 2640lm | 090-1L6 ◆◆▲W▣■ 01 |

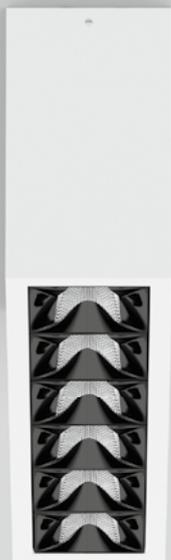
LUMINOUS FLUX value calculated for
 3000K, colour white, reflector chrome
 2700K -6%, 4000K +7%



BETRAL
AUTOMAAT

-2

-2



reddot winner 2020

UNICO linear high efficient

ceiling

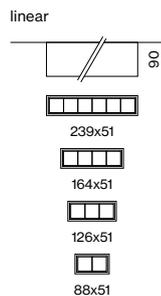
EN Rectangular surface mounted multi-downlight made of aluminium; HIGH EFFICIENT variant; equipped with two (L2) / three (L3) / four (L4) / six (L6) individually selectable, customised light elements; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface powder coated; high quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; energy-efficient high power LEDs with very good colour rendering; clank-free

ES Downlight múltiple de aluminio rectangular de superficie; variante HIGH EFFICIENT; equipada con dos (L2) / tres (L3) / cuatro (L4) / seis (L6) sistemas de lentes elegibles individualmente, específicos para la aplicación; cuerpo luminoso insertable en la placa de montaje por enclavamiento y sin necesidad de herramienta; convertidor integrado en el cuerpo luminoso; superficie con recubrimiento de pintura en polvo; reflector de alta calidad con superficie de múltiples facetas revestida con aluminio por vaporización; proyección precisa con varias distribuciones de la luz distintas simétricas; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; sin reverberación

Quickinfo

2700 K, 3000 K, 3500 K, 4000 K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 L2 up to 129 lm/W
 L3 up to 132 lm/W
 L4 up to 134 lm/W
 L6 up to 134 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2

Types



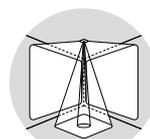
Colours



Light optics



up to 134 lm/W
(high efficiency)



one luminaire
multiple scenes



black & gold
reflector

Order options

COLOUR TEMPERATURE

| | |
|-------|---|
| 2700K | 9 |
| 3000K | 0 |
| 3500K | 2 |
| 4000K | 1 |

CONTROL

| | |
|---------|---|
| non DIM | 1 |
| DALI-2 | 3 |

LIGHT OPTIC

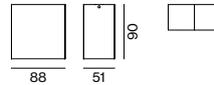
| | |
|------------------------------|---|
| flood round (UGR \leq 16) | C |
| flood square (UGR \leq 19) | F |
| wide flood round | D |
| wide flood square | G |

MATERIAL COLOUR

| | |
|--------------------------|---|
| ○ traffic white RAL 9016 | W |
| ● jet black RAL 9005 | B |

LIGHT OPTIC COLOUR

| | |
|------------------|---|
| chrome reflector | 0 |
| black reflector | B |



UNICO L2 basic high efficient ceiling



FLOOR

SYSTEM POWER 9.9W **LUMINOUS FLUX** up to 1280lm **ORDER CODE** 090-1L2:::▲▲■11

choose one light optic ▲ from the options on the left depending on your room needs

UNICO L3 basic high efficient ceiling



FLOOR

SYSTEM POWER 14.5W **LUMINOUS FLUX** up to 1910lm **ORDER CODE** 090-1L3:::▲▲■11

choose one light optic ▲ from the options on the left depending on your room needs

UNICO L4 basic high efficient ceiling



FLOOR

SYSTEM POWER 15.3W **LUMINOUS FLUX** up to 2050lm **ORDER CODE** 090-1L4:::▲▲■11

choose one light optic ▲ from the options on the left depending on your room needs

UNICO L6 basic high efficient ceiling



FLOOR

SYSTEM POWER 23.0W **LUMINOUS FLUX** up to 3090lm **ORDER CODE** 090-1L6:::▲▲■11

choose one light optic ▲ from the options on the left depending on your room needs