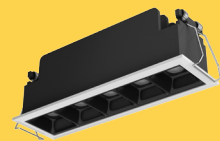




#### Linear downlight

- Enhance contrast for horizontal surfaces.
- High-purified die-cast housing, integrated with innovative black antiglare screen, UGR<10.



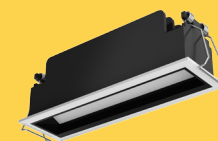
#### Linear Spotlight

- Tiltable structure, excellent glare control for ultimate vertical enhancement.

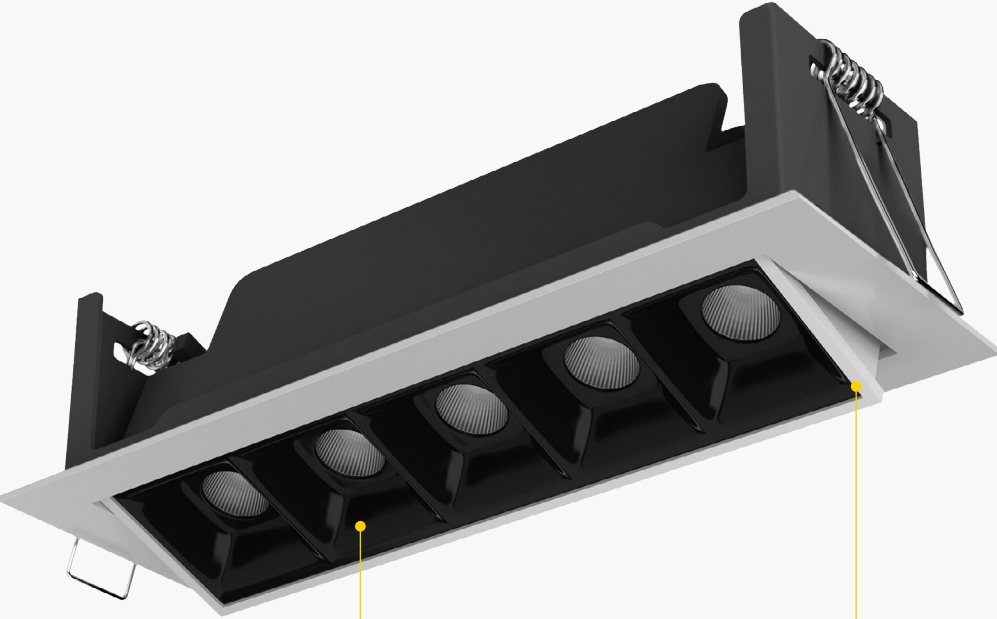


#### Linear Wallwasher

- KARIS Linear Wallwasher equipped with a special developed asymmetric lens for excellent uniform wallwashing distribution.

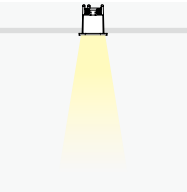
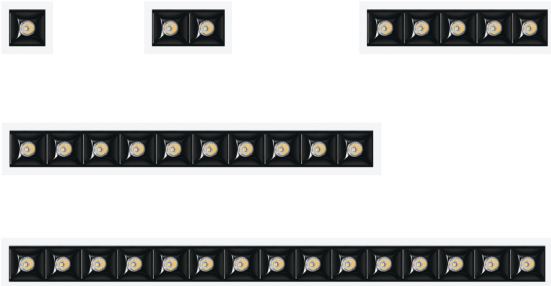


**KARIS** Linear/Wall Washer



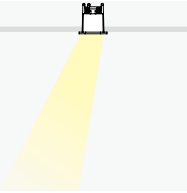
One head / two heads / five heads / ten heads and fifteen heads of multi grilles are optional, which can greatly meet the needs of different spaces.

The KARIS adjustable Linear of products come with a 355° mobility on the horizontal axis and a 25° tilt on the vertical axis.



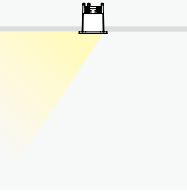
**Linear downlight**

High-definition optics with excellent glare control Louvre ensures precise circular distribution in accent lighting application, control UGR<10.



**Linear Spotlight**

Tiltable function provides precise point-precise illuminances with no spill light.



**Linear Wallwasher**

Designed optical system is designed to achieve uniform wall washer distribution on the wall.



**KARIS** Fixed Linear

2W/150lm-30W/2100lm

- Minimum design for invisible in the space.
- High-definition optics with excellent glare control Louvre ensures precise circular distribution in accent lighting application.
- Power from 2W-30W to cover different projects requirement.

**KARIS** Adjustable Linear

2W/150lm-30W/2100lm

- Tilttable function provides precise point-precise illuminances with no spill light.
- Minimum installation space evenfor high power model.

**KARIS** Wall Washer

10W/360lm-30W/1080lm

- Designed optical system aim to achieve uniform wall washer distribution on the wall.
- Uniform wallwashing from the ceiling to the floor allows for accentuating the material quality of walls.

KARIS Fixed Linear

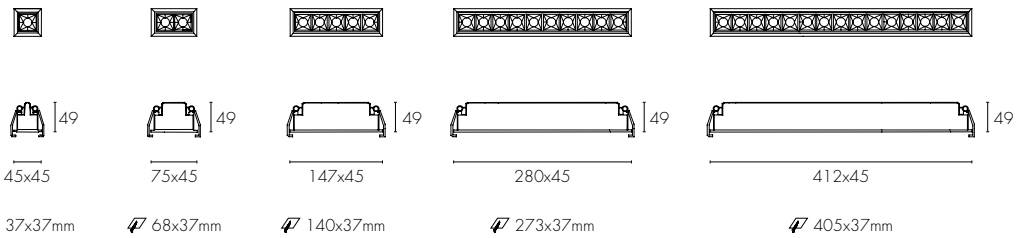


|                           | DDQ037X              | DDQ068X              | DDQ140X              | DDQ273X              | DDQ405X              |
|---------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                           | recessed             | recessed             | recessed             | recessed             | recessed             |
| General Information       |                      |                      |                      |                      |                      |
| Optics                    | 15°/30°/45°<br>Fixed | 15°/30°/45°<br>Fixed | 15°/30°/45°<br>Fixed | 15°/30°/45°<br>Fixed | 15°/30°/45°<br>Fixed |
| System Power (Watt)       | 2W                   | 4W                   | 10W                  | 20W                  | 30W                  |
| System Luminous flux (lm) | 150lm                | 310lm                | 800lm                | 1400lm               | 2100lm               |
| Driver parameters         | 3V/580mA             | 6V/580mA             | 15V/580mA            | 30V/580mA            | 45V/580mA            |
| Cut out (mm)              | 37x37                | 68x37                | 140x37               | 273x37               | 405x37               |

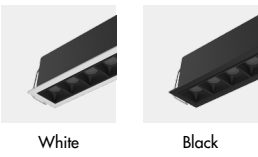
Technical Details

|                    |                            |
|--------------------|----------------------------|
| Light Source       | LED SMD                    |
| Colour temperature | 2700K/3000K/4000K          |
| CRI (Ra/R9)        | RA>90/R9>50                |
| Colour Consistancy | SDCM<5                     |
| UGR                | <16                        |
| IP-rated           | IP20                       |
| Lifetime           | >50,000h                   |
| Warranty           | 3 Years/5 Years            |
| Driver             | ON/OFF, Phase, 0-10V, Dali |

Dimensions (mm)

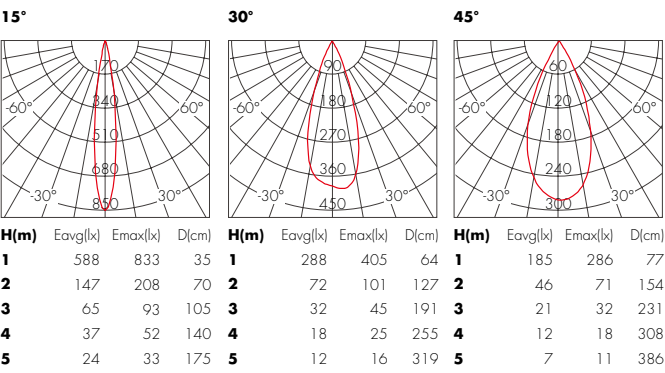


Finishes

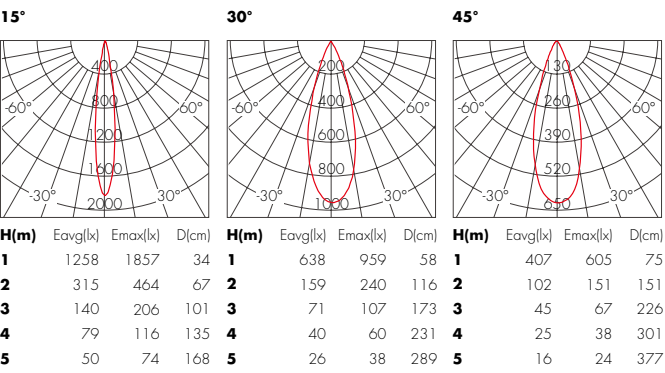


PHOTOMETRIC

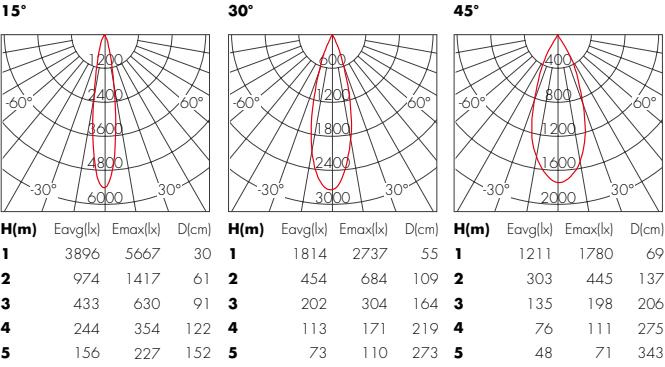
DDQ037X 2W



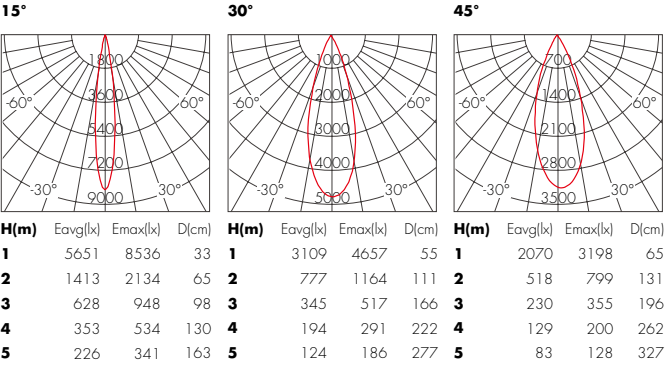
DDQ068X 4W



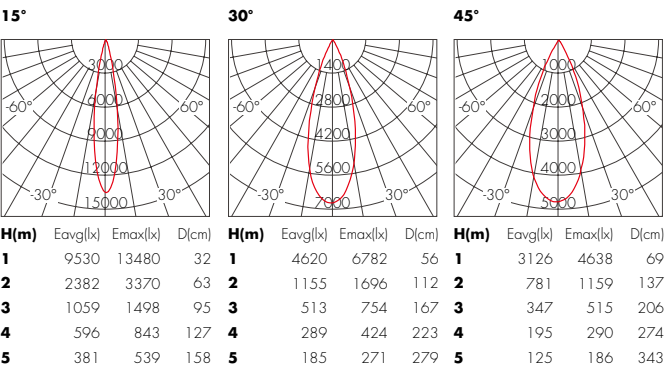
DDQ140X 10W



DDQ273X 20W



DDQ405X 30W



KARIS Adjustable Linear

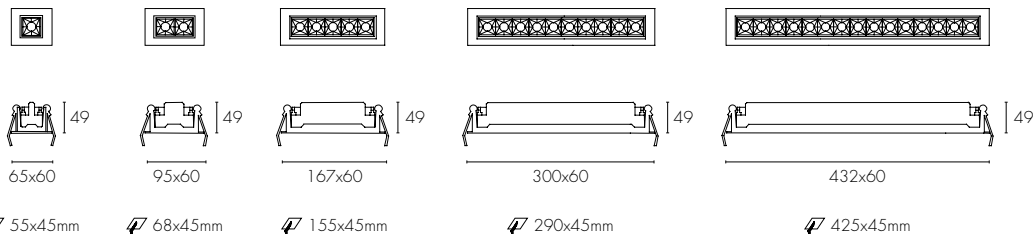


|                           | DTQ055X<br>recessed       | DTQ082X<br>recessed       | DTQ155X<br>recessed       | DTQ290X<br>recessed       | DTQ425X<br>recessed       |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| General Information       |                           |                           |                           |                           |                           |
| Optics                    | 15°/30°/45°<br>Adjustable | 15°/30°/45°<br>Adjustable | 15°/30°/45°<br>Adjustable | 15°/30°/45°<br>Adjustable | 15°/30°/45°<br>Adjustable |
| System Power (Watt)       | 2W                        | 4W                        | 10W                       | 20W                       | 30W                       |
| System Luminous flux (lm) | 150lm                     | 310lm                     | 800lm                     | 1400lm                    | 2100lm                    |
| Driver parameters         | 3V/580mA                  | 6V/580mA                  | 15V/580mA                 | 30V/580mA                 | 45V/580mA                 |
| Cut out (mm)              | 55x45                     | 68x45                     | 155x45                    | 290x45                    | 425x45                    |

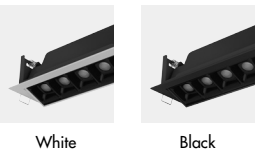
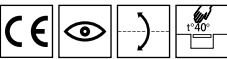
Technical Details

|                    |                            |
|--------------------|----------------------------|
| Light Source       | LED SMD                    |
| Colour temperature | 2700K/3000K/4000K          |
| CRI (Ra/R9)        | RA>90/R9>50                |
| Colour Consistancy | SDCM<5                     |
| UGR                | <16                        |
| IP-rated           | IP20                       |
| Lifetime           | >50,000h                   |
| Warranty           | 3 Years/5 Years            |
| Driver             | ON/OFF, Phase, 0-10V, Dali |

Dimensions (mm)

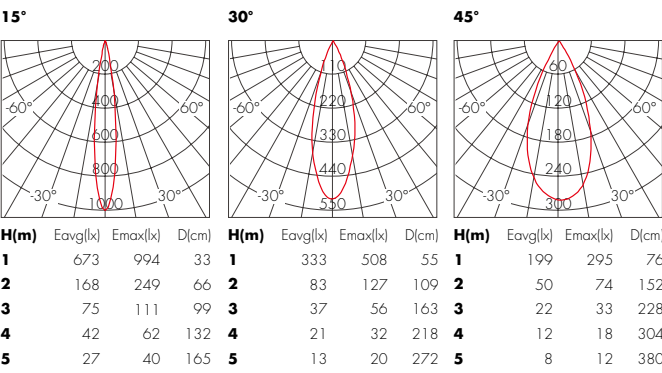


Finishes

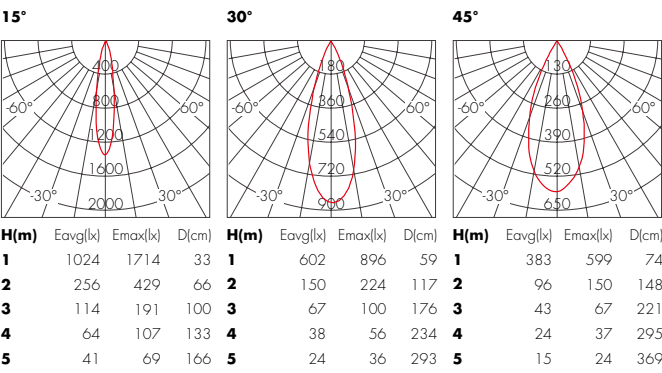


PHOTOMETRIC

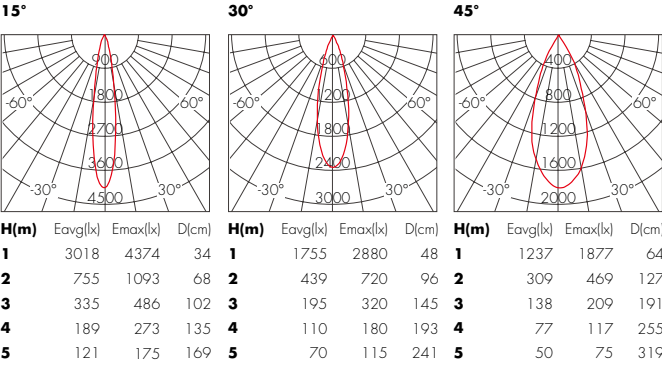
DTQ055X 2W



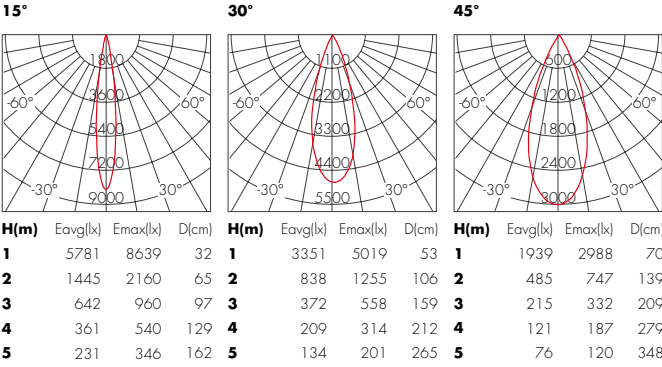
DTQ082X 4W



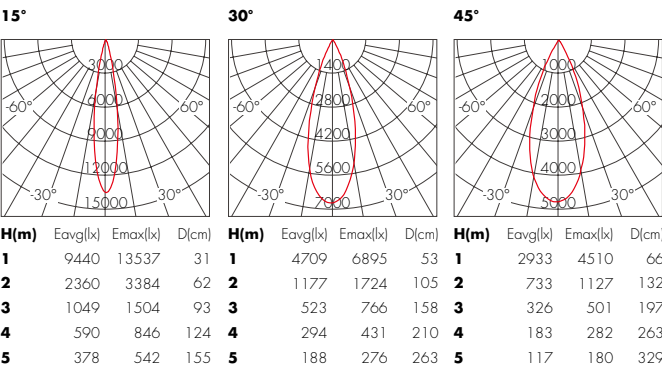
DTQ155X 10W



DTQ290X 20W



DTQ425X 30W



KARIS Wall Washer

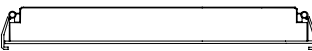
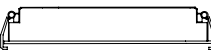
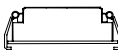
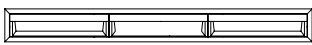
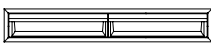


|                           | DXQ140A<br>recessed | DXQ273A<br>recessed | DXQ405A<br>recessed |
|---------------------------|---------------------|---------------------|---------------------|
| General Information       |                     |                     |                     |
| Optics                    | 80°<br>Fixed        | 80°<br>Fixed        | 80°<br>Fixed        |
| System Power (Watt)       | 10W                 | 20W                 | 30W                 |
| System Luminous flux (lm) | 360lm               | 720lm               | 1080lm              |
| Driver parameters         | 15V/580mA           | 30V/580mA           | 45V/580mA           |
| Cut out (mm)              | 140x37              | 273x37              | 405x37              |

Technical Details

|                    |                            |
|--------------------|----------------------------|
| Light Source       | LED SMD                    |
| Colour temperature | 2700K/3000K/4000K          |
| CRI (Ra/R9)        | RA>90/R9>50                |
| Colour Consistancy | SDCM<5                     |
| UGR                | <16                        |
| IP-rated           | IP20                       |
| Lifetime           | >50,000h                   |
| Warranty           | 3 Years/5 Years            |
| Driver             | ON/OFF, Phase, 0-10V, Dali |

Dimensions (mm)



147x45

280x45

412x45

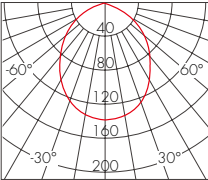
140x37mm

273x37mm

405x37mm

DXQ140A 10W

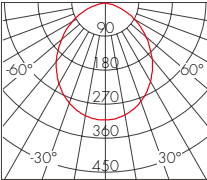
80°



| H(m) | Eavg(lx) | Emax(lx) | D(cm) |
|------|----------|----------|-------|
| 1    | 84       | 167      | 136   |
| 2    | 21       | 42       | 273   |
| 3    | 9        | 19       | 409   |
| 4    | 5        | 10       | 545   |
| 5    | 3        | 7        | 682   |

DXQ273A 20W

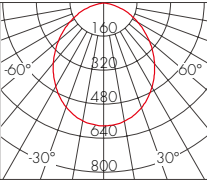
80°



| H(m) | Eavg(lx) | Emax(lx) | D(cm) |
|------|----------|----------|-------|
| 1    | 193      | 379      | 140   |
| 2    | 48       | 95       | 279   |
| 3    | 21       | 42       | 419   |
| 4    | 12       | 24       | 559   |
| 5    | 8        | 15       | 699   |

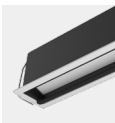
DXQ405A 30W

80°

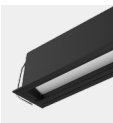


| H(m) | Eavg(lx) | Emax(lx) | D(cm) |
|------|----------|----------|-------|
| 1    | 340      | 679      | 145   |
| 2    | 85       | 170      | 291   |
| 3    | 38       | 75       | 436   |
| 4    | 21       | 42       | 582   |
| 5    | 14       | 27       | 727   |

Finishes



White



Black