

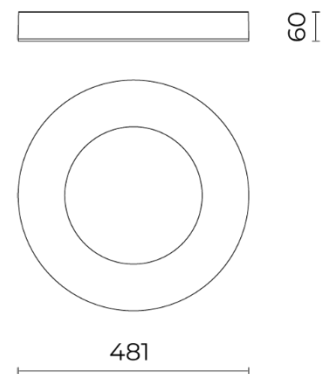
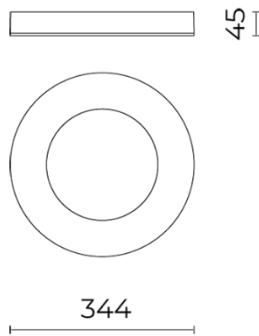
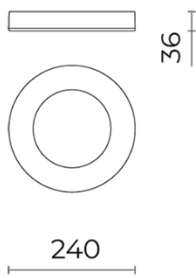
**Ekleipsis**

Options: small, medium, large  
Colour temperature: 4000K / 3000K  
Type of optics: rotosymmetrical wide beam

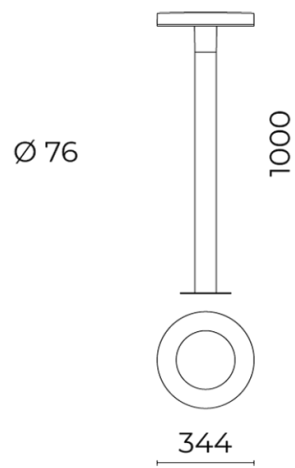
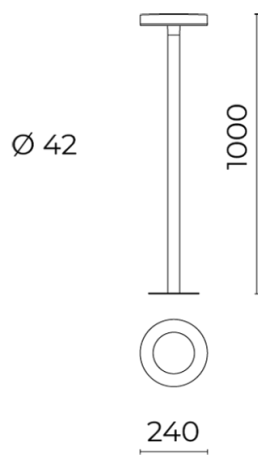
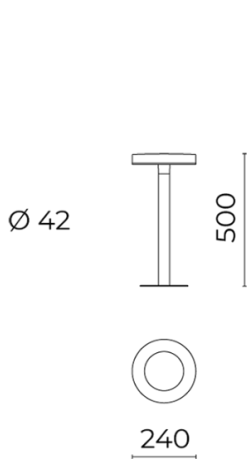
**06EK** \_\_\_\_\_

Colour: White RAL9003  
Grey RAL9006  
Sablé 100 Noir

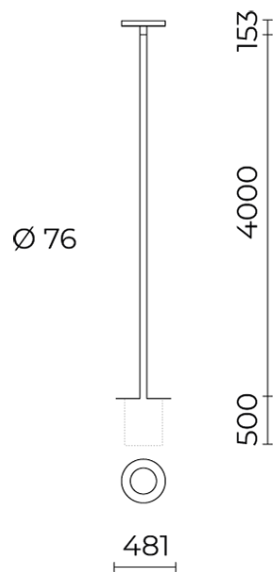
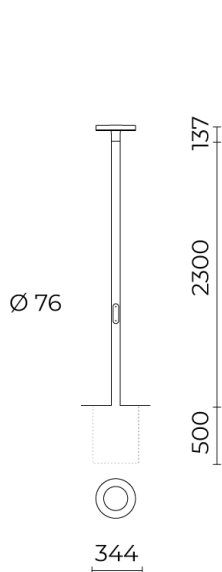
**Wall-Mounted / Ceiling-Mounted / Ceiling-Recessed**



**Bollard**



**Pole**



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**Line sheet**

Rev 28.07.23

**Ekleipsis**

Options: small, medium, large  
Colour temperature: 4000K / 3000K  
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**06EK** \_\_\_\_\_

Colour: White RAL9003  
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**General features**

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Description: LED product with indirect light

Insulation class: class I, class II (bollard and pole)

Nominal voltage: 220-240 V, 50-60 Hz

Protection level: IP66

Protection against impact: IK08, IK10 (bollard small)

Power factor: > 0.9

Ambient temperature Ta: -30°C +50°C

Weight: 1.30 kg (small), 2.40 kg (medium), 5.00 kg (large), 7.50 kg (bollard small), 16.00 kg (bollard medium), 16.00 kg (pole medium), 34.00 kg (pole large)

Maximum exposed surface: 0,045 m<sup>2</sup> (small), 0,092 m<sup>2</sup> (medium), 0,180 m<sup>2</sup> (large), 0,045 m<sup>2</sup> (bollard small), 0,092 m<sup>2</sup> (bollard medium), 0,092 m<sup>2</sup> (pole medium), 0,180 m<sup>2</sup> (pole large)

Exposed lateral surface: 0,0085 m<sup>2</sup> (small), 0,015 m<sup>2</sup> (medium), 0,029 m<sup>2</sup> (large), 0,0085 m<sup>2</sup> (bollard small), 0,015 m<sup>2</sup> (bollard medium), 0,023 m<sup>2</sup> (pole medium), 0,036 m<sup>2</sup> (pole large)

Common mode surge protection: (small) 6 kV, (medium) 3 kV, (large) 4 kV

Overvoltage protection differential mode: (small) 10 kV, (medium, large) 8 kV

Driver: included

Marks and Certifications: CE

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**Materials**

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Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Stem pole: painted galvanised steel

Lenses: polycarbonate

Seal: anti-age silicone

Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

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**Colours**

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**Wall-Mounted, Ceiling-Mounted, Ceiling-Recessed:** White RAL9003, Grey RAL9006, Sablé 100 Noir

**Bollard, Pole:** Grey RAL9006, Sablé 100 Noir

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**Installation and maintenance**

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Installation: wall, ceiling, bollard, pole (burying)

Fastening: (ceiling-recessed) with recessed kit for plasterboard ceilings (available as an accessory)

Fastening: (bollard, pole) with 3 x M6X10 bolts

Wiring: (bollard, pole) provided with cable and connector

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**Line sheet**

Rev 28.07.23

**Ekleipsis**

Options: small, medium, large  
 Colour temperature: 4000K / 3000K  
 Type of optics: rotosymmetrical wide beam

**06EK** \_\_\_\_\_

Colour: White RAL9003  
 Grey RAL9006  
 Sablé 100 Noir

Ø power cable: (wall-mounted, ceiling-mounted, ceiling-recessed) ≤ 9 mm, (bollard small) 8 ÷ 10 mm, (bollard medium, pole) 9 ÷ 12 mm

Cable entry: (wall-mounted, ceiling-mounted, ceiling-recessed) DG-MS 16

Cable gland: (bollard small) PG11, (bollard medium, pole medium) PG13.5, (pole large) PG16

**Optical system**

Provided with 4000K, 3000K white LEDs

CRI (colour rendering index): ≥ 80

Chromatic consistency (SDCM): ≤ 3

Optical unit life expectancy: >60.000h @Ta25°C L80B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0% (bollard, pole)

DLOR: 100% (bollard, pole)

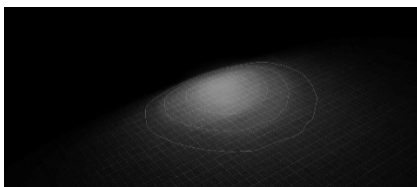
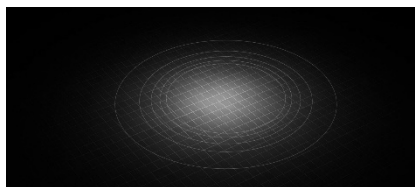
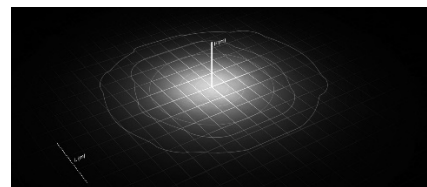
**Normative framework**

EN60598-1 / EN60598-2-1 / EN60598-2-2 / EN62471 / EN61547 (wall-mounted, ceiling-mounted, ceiling-recessed)

EN60598-1 / EN60598-2-3 / EN62471 / EN61547 (bollard, pole)

**Optics**

**R-D** Rotosymmetrical wide beam

**Wall-Mounted****Ceiling-Mounted / Ceiling-Recessed****Bollard / Pole****Performance data**

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R-D								
Options	Sources	K	$\varphi$ mod [lm]	P mod [W]	$\eta$ mod [lm/W]	$\varphi$ app [lm]	P app [W]	$\eta$ app [lm/W]
Small	LED	4000	1000	12	83	472	13	36
Small	LED	3000	1000	12	83	472	13	36
Medium	LED	4000	1800	19	95	924	21	44
Medium	LED	3000	1800	19	95	924	21	44
Large	LED	4000	3600	46	78	2073	50	41
Large	LED	3000	3600	46	78	2073	50	41

Data of the lighting source flux and efficiency refer to the LED module, without lenses. In case you need data of the LED module complete with lenses, please multiply the mentioned data by 0.9 factor.

Values indicated in this technical sheet are to be considered nominal values with a tolerance of +/-7%.

### Legend

**K** = Colour temperature

**$\varphi$  mod [lm]** = Source flux

**P mod [W]** = Source power

**$\eta$  mod [lm/W]** = Source efficiency

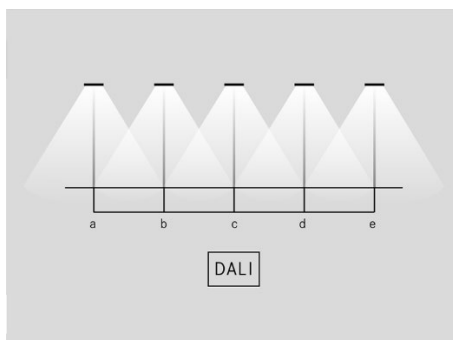
**$\varphi$  app [lm]** = Unit flux

**P app [W]** = Unit power

**$\eta$  app [lm/W]** = Unit efficiency

### Group Management: DALI flow adjustment (on request, only for medium / large versions)

This is a digital control system where every device is assigned a unique address that allows individual light points to be controlled and control groups to be created.



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