



## 3F Diagon P

### Construction characteristics

#### Illuminotechnical characteristics

Direct symmetric distribution.

Average luminance <math><3000\text{ cd/m}^2</math> for angles >65°.

Colour temperature available /830 - /840, /930 - /940.

Lifetime (L95/B10): 30000 h. (tq+25°C)

Lifetime (L90/B10): 50000 h. (tq+25°C)

Lifetime (L80/B10): 80000 h. (tq+25°C)

Lifetime (L75/B10): 100000 h. (tq+25°C)

Photobiological safety RG0, risk exempt, in compliance with IEC 62471, IEC/TR 62778 (further information on page 18).

#### Mechanical characteristics

White painted frame.

Height only 40 mm.

Housing in hot-galvanized steel, painted in white polyester.

Honeycombed diagonal screen in white anti-glare polycarbonate.

Opal methacrylate rhomboid lenses with differentiated, engraved and prismatic surfaces for diffused, soft lighting and excellent visual comfort.

#### Electrical characteristics

Luminaires with EP permanent emergency wiring are EN 60598-2-22 standard compliant.

Quick connection.

### Source characteristics

- Squared LED modules.
- Color initial tolerance (MacAdam): SDCM 3.

### On request

- suspension installation
- different power levels, colour rendering indices and colour temperatures
- wiring: twin-circuit, CLO (more information on page 542)
- Sensor version
- transparent lens versions

### Applications

Environments: staterooms, with VDTs, offices.

Environments with exacting visual tasks, where diffused soft light for optimum visual comfort is required.

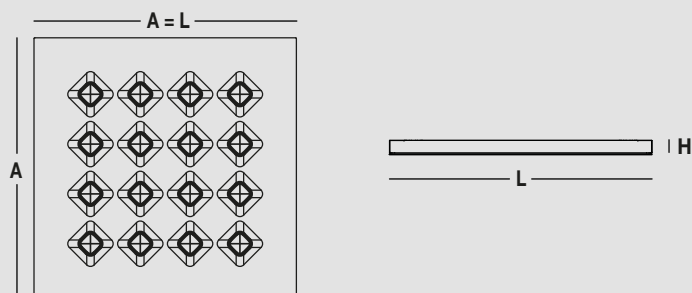
### Installation

Ceiling installation.

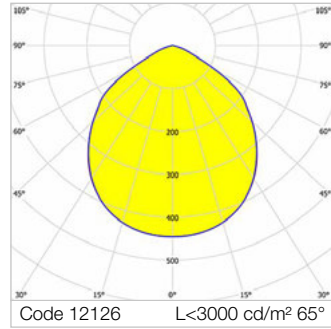
### Light Management

The DALI products of this family can be controlled manually with the technology 3F Easy Dim or even automatically and manually using the 3F Smart Dimming technology (see "Light Management" chapter).

#### Dimensions



# 3F Diagon P Soft UGR
















Installation Interdistance Transv.D = 1.20 x hu - Long.D = 1.20 x hu.

Surface luminaires and suspensions

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
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### Electronic wiring 230V-50/60Hz

12126 <sup>NEW</sup>	3F Diagon P 25W/830 SOFT UGR 596x596	28	3531	3000	>80	600x600x40
12130 <sup>NEW</sup>	3F Diagon P 25W/840 SOFT UGR 596x596	28	3797	4000	>80	600x600x40
12134 <sup>NEW</sup>	3F Diagon P 39W/930 SOFT UGR 596x596	40	3819	3000	>90	600x600x40
12138 <sup>NEW</sup>	3F Diagon P 39W/940 SOFT UGR 596x596	40	3843	4000	>90	600x600x40

### DALI electronic wiring 230V-50/60Hz

12127 <sup>NEW</sup>	3F Diagon P 25W/830 DALI SOFT UGR 596x596	28	3531	3000	>80	600x600x40
12131 <sup>NEW</sup>	3F Diagon P 25W/840 DALI SOFT UGR 596x596	28	3797	4000	>80	600x600x40
12135 <sup>NEW</sup>	3F Diagon P 39W/930 DALI SOFT UGR 596x596	40	3819	3000	>90	600x600x40
12139 <sup>NEW</sup>	3F Diagon P 39W/940 DALI SOFT UGR 596x596	40	3843	4000	>90	600x600x40

### EP maintained emergency wiring, 1hr duration with 24hrs recharge, fuse (fluxes on page 560)

12128 <sup>NEW</sup>	3F Diagon P 25W/830 EP SOFT UGR 596x596	29	3531	3000	>80	600x600x40
12132 <sup>NEW</sup>	3F Diagon P 25W/840 EP SOFT UGR 596x596	29	3797	4000	>80	600x600x40
12136 <sup>NEW</sup>	3F Diagon P 39W/930 EP SOFT UGR 596x596	41	3819	3000	>90	600x600x40
12140 <sup>NEW</sup>	3F Diagon P 39W/940 EP SOFT UGR 596x596	41	3843	4000	>90	600x600x40



## 3F Diagon P Tunable White

### Construction characteristics

#### Illuminotechnical characteristics

Direct symmetric distribution.

Average luminance <math><3000\text{ cd/m}^2</math> for angles >65°.

The color temperature can be adjusted between 2700 K and 6500 K.

Lifetime (L95/B10): 30000 h. (tq+25°C)

Lifetime (L90/B10): 50000 h. (tq+25°C)

Lifetime (L80/B10): 80000 h. (tq+25°C)

Lifetime (L75/B10): 100000 h. (tq+25°C)

Photobiological safety RG0, risk exempt, in compliance with IEC 62471, IEC/TR 62778 (further information on page 18).

#### Mechanical characteristics

White painted frame.

Height only 40 mm.

Housing in hot-galvanized steel, painted in white polyester.

Honeycombed diagonal screen in white anti-glare polycarbonate.

Opal methacrylate rhomboid lenses with differentiated, engraved and prismatic surfaces for diffused, soft lighting and excellent visual comfort.

#### Electrical characteristics

In compliance with EN 60598-1.

Cable with a DALI DT8 driver.

5-pole terminal block (L-N-PE-DA/DA)

quick connection for line connection with connection capacity 2x2.5 mm<sup>2</sup>.

### Source characteristics

- Squared LED modules.
- Color initial tolerance (MacAdam): SDCM 3.

### On request

- suspension installation
- different power levels, colour rendering indices and colour temperatures
- wiring: twin-circuit

### Applications

Any environments requiring light which aims for the wellness of people. Environments: staterooms, with VDTs, offices.

Environments with exacting visual tasks, where diffused soft light for optimum visual comfort is required.

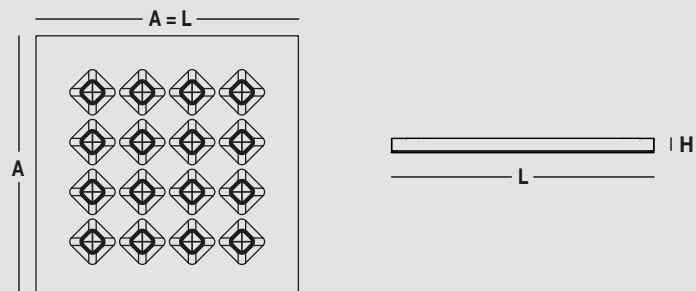
### Installation

Ceiling installation.

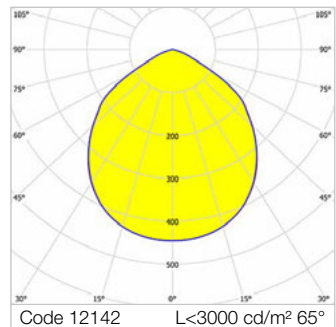
### Light Management

Products in the 3F Tunable White range can be controlled manually or automatically with 3F HCL for TW fixtures technology (see the chapter on "Light Management").

Dimensions



# 3F Diagon P Soft UGR Tunable White















Installation Interdistance Transv.D = 1.20 x hu - Long.D = 1.20 x hu.

Surface luminaires and suspensions

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
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## DALI DT8 electronic wiring 230V-50/60Hz

12142 <sup>NEW</sup>	3F Diagon P 25W DT8 TW SOFT UGR 596x596	31,5 30 29	3686	2700 4000 6500	>80	600x600x40
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