Malux

EFFICE®

more than a luminaire, it's a concept…

Effice® allows you to light just the right way, in the right place, and at the right moment...

Our challenge: the right light level, in the right place, driven by high-performance, energy-saving electronics.

Effice® is the smallest possible number of fittings, the lowest possible consumption, with maximum comfort and safety.

Effice is easy to install in a master / slave system. Each luminaire operates on a stand-alone basis. Thanks to radio-controlled synchronization, there's no longer any need to run special wiring between the luminaires.

ORIGINE
FRANCE®
GARANTIE
BVCert. 6037554

Effice® means a very elegant square housing, restrained, timeless, and highly impact resistant: IK10 / 20 J and VK26.

Effice® means high-performance light sources...
— Different Powers of LED modules to suit premises,
— Latest-generation Cree Mid-Power LEDs with ceramic package,
— LED modules with nominal efficiency of over 120 lm/W.

Effice® means lighting targeted to suit the premises.
— Optics specially developed around the LED,
— Symmetric, oblong optics for corridors,
— Asymmetric optics for stairwells.

Effice® means control systems to reduce the energy bill.
— Compatible with the DALI protocol,
— Optimum management by our ultra-high performance SENSEI® detectors,
> Microwave ON / OFF,
> Microwave with extinction warning and standby,
> Microwave with remote-control settings.

Light spot-on thanks to an eco-designed luminaire.
Light output targeted and suited to the type of application, extinction warning, wireless communication mode, remote-controlled settings, etc.
The Effice luminaire will astound you by its performance and ease of use.

EFFICE® is available for 3 types of application:

- **General lighting** (opal diffuser and LEDs without optics),
- **Stairways** (clear diffuser, LEDs with asymmetric optics),
- **Corridors** (clear diffuser, LEDs with symmetric optics).

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Maximum energy efficiency.

Effice® is an eco-designed luminaire suitable for various different applications, for better illumination with reduced power consumption.
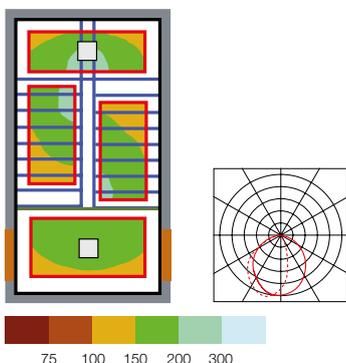For an equivalent, standards-compliant result in terms of illumination level and uniformity…

➤ Up to 70% fewer luminaires to install.
Up to 70% energy saving.

Effice® for stairways

Lighting calculations:
stairway for average 150 lux, in 4000 K

75   100   150   200   300

5 m x 2.6 m, ceiling height 2.5 m and stairwell height 10.6 m, simulation for a 4-storey building, one ceiling fitting on each landing + one on each half-landing.

➤ > 150 lux average
➤ uniformity > 0.67
➤ UGR 20

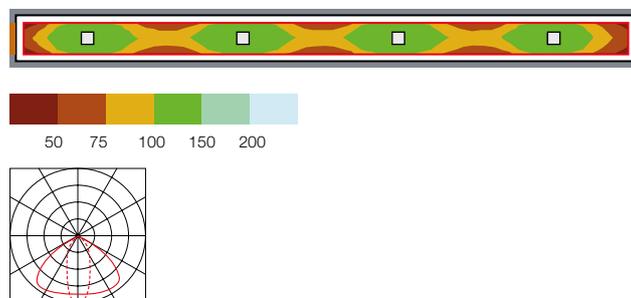*The standard requires: 150 lux average*
➤ *uniformity 0.4*
➤ *UGR ≤ 25*

Stairways	Number of fittings	Installed power	Power per m² for 100 lux
Voila LED 2400 lm	14	280 W	4.3 W
Voila fluo 32 W	14	504 W	7.8 W
Effice for stairways	**7**	**161 W**	**2.5 W**
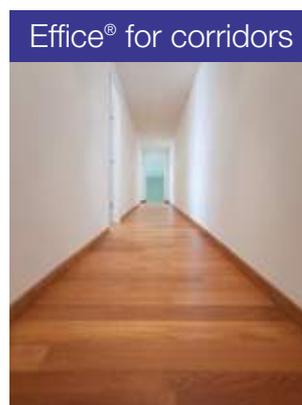
Effice® for corridors

Lighting calculations:
long corridor for average 100 lux, in 4000 K

50   75   100   150   200

20 m x 1.5 m, ceiling height 2.5 m, 4 ceiling fittings at 5 m spacing.

➤ 104 lux average (45 lux min.)
➤ uniformity 0.47
➤ UGR 21

The standard requires: 100 lux average
➤ *uniformity 0.4*
➤ *UGR ≤ 28*

Corridors	Number of fittings	Installed power	Power per m² for 100 lux
Voila LED 1800 lm	7	112 W	3.69 W
Voila fluo 32 W	7	216 W	7.2 W
Effice for corridors	**4**	**84 W**	**2.69 W**

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EFFICE®

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High-efficiency directed-light luminaire for residential premises and public-access buildings.

BVCert. 6037554

| | | VK26 | IK10 | 20J | IP55 | 850° | |

Features:
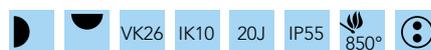
- Polycarbonate base
- Diffuser: opal (General Lighting version) or clear (Corridor and Stairway versions)
- LED module with or without optics
- Side cable entry possible (with knockout)
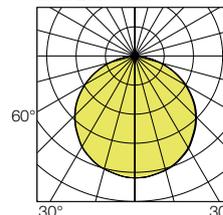- Stainless steel vandal-resistant screws
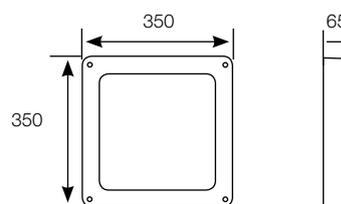
☐ RAL9003   ■ RAL7043

Options available on request:
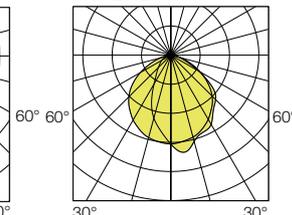- 3000 K LEDs
- Version with back-up power

Vandal-resistant tool (bit) to be ordered separately
code: 9800 0003

Radio remote control to be ordered separately
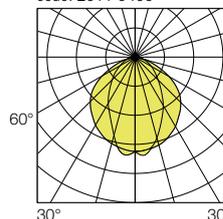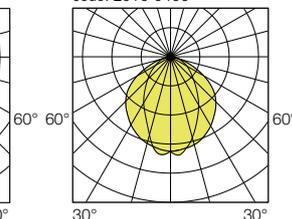code: 9800 0010

350

350

65

General lighting
code: 2000 0400

60°   60°

30°   30°

Stairway
code: 2012 0400

60°   60°

30°   30°

Long corridor
code: 2011 0400

60°   60°

30°   30°

Short corridor
code: 2010 0400

60°   60°

30°   30°

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EFFICE FOR GENERAL LIGHTING

220-240 V AC / 50/60 Hz ☐ CE RoHS

Designation	Power (W)	Luminaire light output (lm)	Luminaire efficacy (lm/W)	CCT (K) (CRI min.)	White	Grey
Effice for general lighting	26	2131	82	4000 (80)	**2000 04 _ _**	**2000 14 _ _**
Effice for general lighting "plus"	25	3326	133	4000 (80)	**2001 04 _ _**	**2001 14 _ _**

Coding:
replace the two dashes (--) by the corresponding figures: e.g. **2000 04 _ _**

00	no detection
20	DALI dimmable
12	with Pro detection
13	with Pro detection + extinction or standby warning
16	with Pro detection + radio-control
17	with Pro detection + extinction or standby warning + radio-control
03	slave version + extinction or stand-by warning
07	slave version + extinction or stand-by warning + radio-control

EFFICE FOR CORRIDOR (ceiling mounting only)

220-240 V AC / 50/60 Hz ☐ CE RoHS

Designation	Power (W)	Luminaire light output (lm)	Luminaire efficacy (lm/W)	CCT (K) (CRI min.)	White	Grey
Effice short corridor [1]	15	1311	87	4000 (80)	**2010 04 _ _**	**2010 14 _ _**

Designation	Power (W)	Luminaire light output (lm)	Luminaire efficacy (lm/W)	CCT (K) (CRI min.)	White	Grey
Effice long corridor [2]	21	1756	84	4000 (80)	**2011 04 _ _**	**2011 14 _ _**

[1] short / complex corridors (optimum luminaire spacing: 4 m)
[2] long corridors (optimum luminaire spacing: 5 m)

Coding:
replace the two dashes (--) by the corresponding figures: e.g. **2010 04 _ _**

00	no detection
20	DALI dimmable
12	with Pro detection
13	with Pro detection + extinction or standby warning
16	with Pro detection + radio-control
17	with Pro detection + extinction or standby warning + radio-control
03	slave version + extinction or stand-by warning
07	slave version + extinction or stand-by warning + radio-control

EFFICE STAIRWAY (ceiling mounting only)

220-240 V AC / 50/60 Hz ☐ CE RoHS

Designation	Power (W)	Luminaire light output (lm)	Luminaire efficacy (lm/W)	CCT (K) (CRI min.)	White	Grey
Effice stairway	23	2338	102	4000 (80)	**2012 04 _ _**	**2012 14 _ _**

Coding:
replace the two dashes (--) by the corresponding figures: e.g. **2012 04 _ _**

00	no detection
20	DALI dimmable
12	with Pro detection
13	with Pro detection + extinction or standby warning
16	with Pro detection + radio-control
17	with Pro detection + extinction or standby warning + radio-control
03	slave version + extinction or stand-by warning
07	slave version + extinction or stand-by warning + radio-control

Additional options Effice

Coding:
add the corresponding suffix to the product code: e.g. **2000 0400 _ _ _ _**

9702	stainless steel crosspoint screws (VK24)

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