SILHOUETTE

Design Luis Jaramillo

Colour charts

☐	01 White
☐	51 White RAL 9010
☐	29 Silver
■	64 Textured Black
▨	47 Clay
☐	20 Sand

All lamps are made from extruded aluminium section with die cast aluminium corners. Steel housing and safety cover. Epoxy powder coating.

Simply clever

Result of Manade's well-funded Know-How and expertise in light engineering and the cooperation with the Designer Luis Jaramillo the Silhouette range of space lighting concentrates the best lighting technology available into the slimmest panel possible. The different models are fitted with fluorescent or LED lamps in several performance classes to satisfy every particular need and requirement.

The most sophisticated version fitted with daylight and presence sensor diffuses a light that is perfectly adjusted to every different level of natural light with every time of the day. This user friendly light control system contributes to significant energy savings.

A combination of flexibility and refinement allows the Silhouette principle to be applied to every situation. Available as free-standing, desk mounted, wall mounted and suspended lights the SILHOUETTE range meets all the requirements of contemporary spaces.

Cheekily lightweight

The SILHOUETTE uplighter is the result of cooperation between Luis Jaramillo, a designer with love of lightness and Manade's R&D Department.
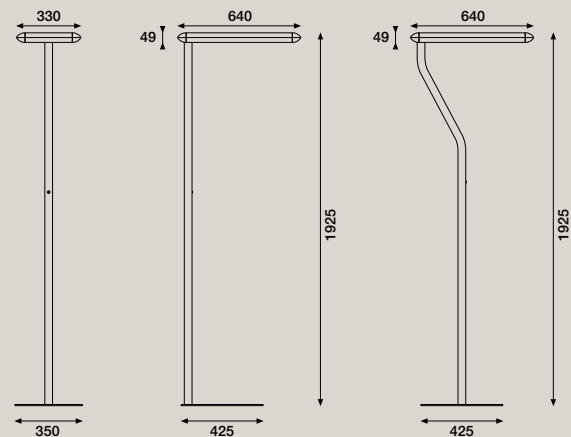
A perfectly adjusted light with a slim stem and a slender head achieve the perfect combination of design and efficiency.

Rectangular
base

U Shaped
base option

Angled mast

4 lamps Fluo or LED

420

2 lamps Fluo

330

49

640

49

640

1925

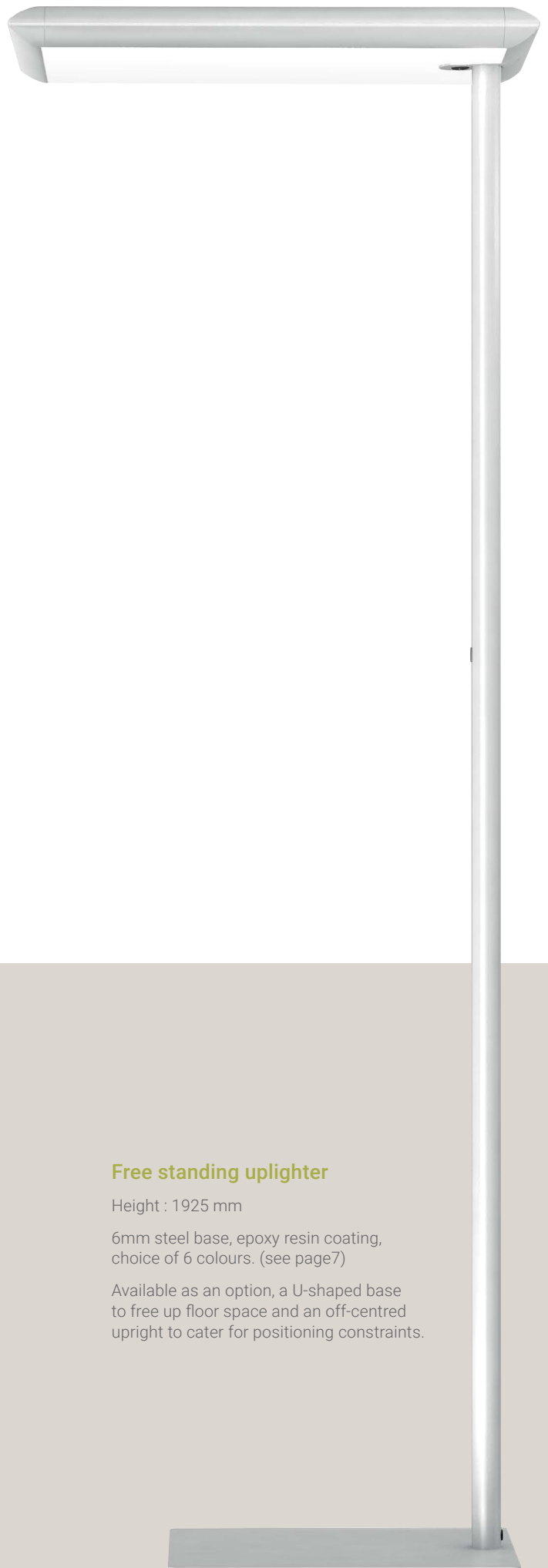350

1925

425

1925

425

Free standing uplighter

Height : 1925 mm

6mm steel base, epoxy resin coating, choice of 6 colours. (see page7)

Available as an option, a U-shaped base to free up floor space and an off-centred upright to cater for positioning constraints.

Lighting up worktops

Versatile, mobile and flexible, the Silhouette range is available as space saving over desk units. Concentrating the light where it is needed, they advantageously augment or replace natural and background lighting for desk clusters.

Central through desk clamp, angled stem on 4 workstations.

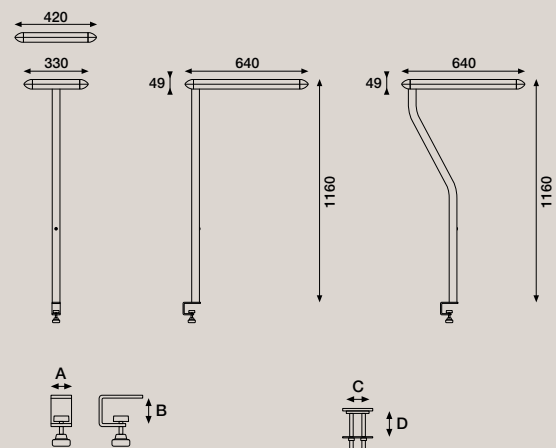Side fixing clamp on 2 workstations.

Desk-mounted ulplighters

Height above the desk : 1160 mm

There are several fittings to meet the requirements of different desks configurations.

• side fixing clamp, span 22 - 42 mm

• central through deskadapter (clamp or drill), span 22 - 60 mm

• railing adapter on request

The angled stem option allows the light to be directed evenly from a central position, across the four workstations.

420

330

49

640

49

640

1160

1160

A

B

C

D

Side fixing clamp
A - 44 mm
B - Span : 22 à 42 mm

Central through desk adapter (clamp or drill)
C drilling : Ø 54 mm
D clamping, span 22 - 60 mm

Fluorescent

The SILHOUETTE uplighter can be fitted with 2 or 4 lamps, (direct / indirect lighting)

• 26 W : light efficiency 100 lumens / W, 3000° K
• 40 W : light efficiency 87,5 lumens / W, 3000° K
• 55 W : light efficiency 87,5 lumens / W, 3000° K

There are 3 operating modes

• **Electronic (E)**

When the uplighter is fitted with 2 lamps there is one on / off switch
When the uplighter is fitted with 4 lamps, there are two separate switches for the lighting of 2 lamps in pairs

• **Dimable electronic (ER)**

A dimmer regulates the intensity
Optional sensor button with LED illumination

• **Electronic with automatic lighting control (ERC)**

A dimmer regulates the intensity and there is a daylight and presence sensor
(OSRAM DALI MULTIeco system, features page 8)
Optional sensor button with LED illumination

The uplighter is fitted with a glare-free microprism PMMA diffusion panel. It can be replaced with an optional micro-pierced steel diffusion panel limiting direct lighting to 30 % (factory fitted)
There is an optional lamp cover

Energy A   ECL   V D E   EK   C E

LED

8 x 10 W : light efficiency 90 lumens / W, 3000° K MacAdam 3
Direct lighting 50 %, indirect lighting 50 %.

There are 2 operating modes

• **Dimable electronic (ER)**

A dimmer regulates the intensity
Optional sensor button with LED illumination

• **Electronic with automatic lighting control (ERC)**

A dimmer regulates the intensity and there is a daylight and presence sensor
(OSRAM DALI MULTIeco system, features page 8)
Optional sensor button with LED illumination

The uplighter is fitted with a lamp cover and a glare-free microprism PMMA diffusion panel that can be replaced with an optional micro-pierced steel diffusion panel limiting direct lighting to 30 % (factory fitted)

Energy A⁺⁺   C E

The right amount of light

These lights can be fitted with the "DALI MULTIeco" system (OSRAM ERC model) that allows two types of application:

Automatic light control: a unit that can swivel 30° in all directions measures luminosity and senses people's presence. Controlling the light allows lighting levels to be maintained at an adjustable reference value. If natural light is sufficient or if there is nobody in the room, following an adjustable period of time (from 10 seconds to 60 minutes), the control unit will turn off the light.

Each function may be independently enabled or disabled by adjusting the micro-switches (DIP switches).

Automatic lighting level reduction: when someone enters the unit's field of detection, the light is set according to the recorded value. When there is nobody there, the lighting level is reduced to 50 %, 30 % or 10 % depending on the micro-switch settings and after an adjustable period of time, (from 10 seconds to 60 minutes). The reduced lighting level may be permanent or the light can be automatically turned off, depending on the micro-switch settings and only when twice the period of time set has elapsed.

The "DALI MULTIeco" system allows artificial light and daylight to complement each other perfectly while also enabling energy savings of up to 70 %.
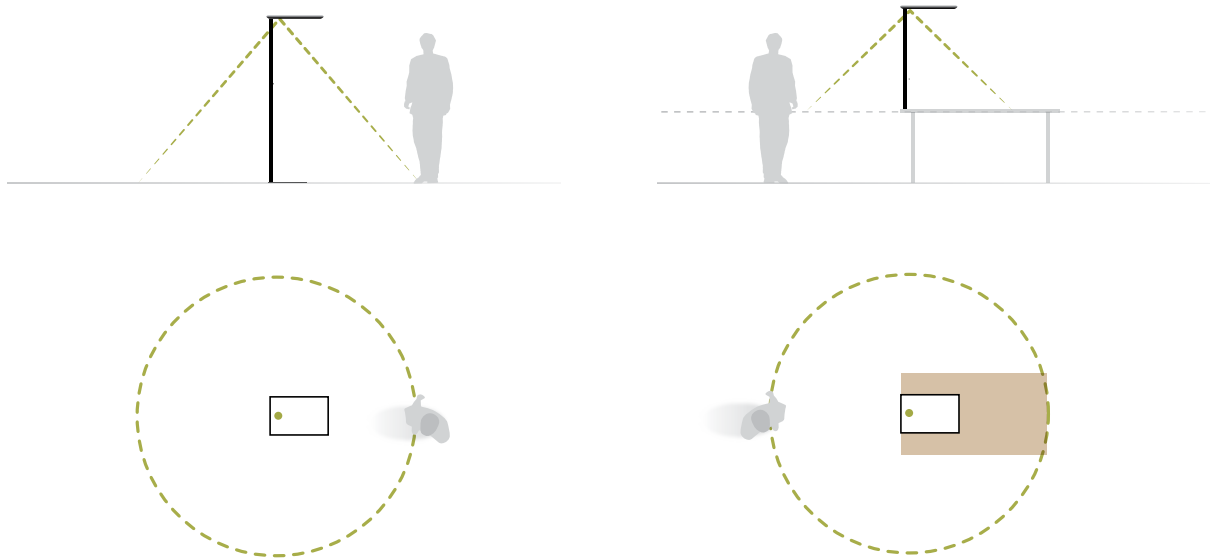
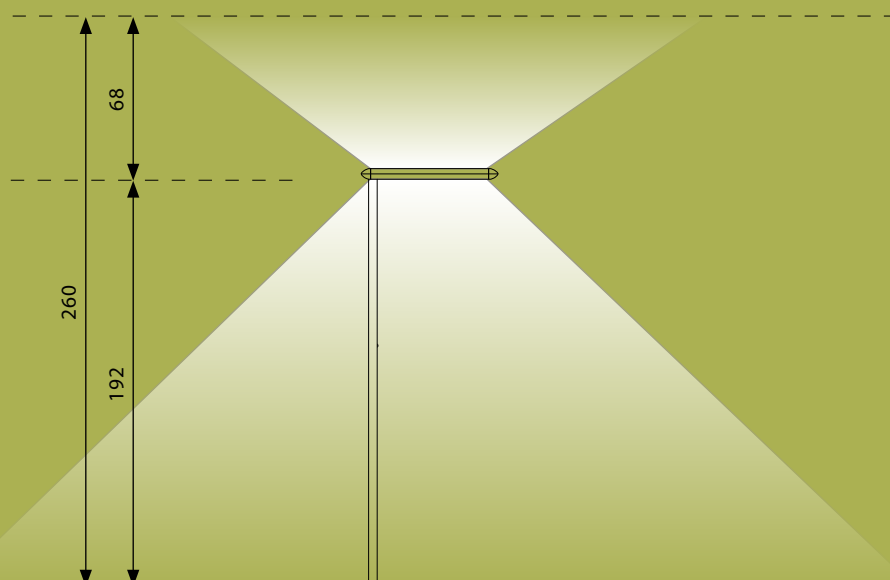Optional: Sensor button
with LED illumination
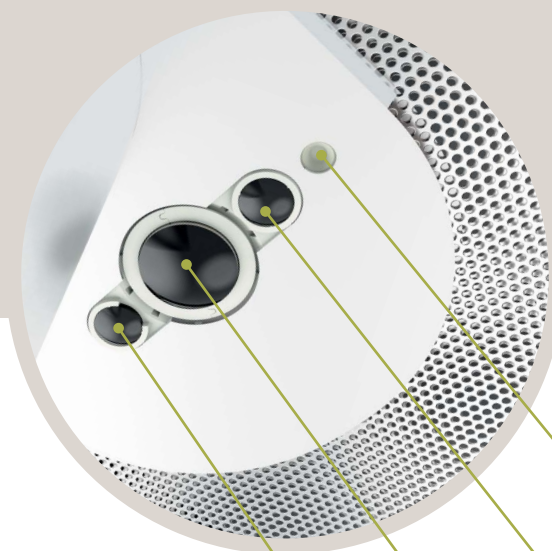
SILHOUETTE ERC

MOTION DETECTING ZONE

The detecting zone is a 4 m circle on the floor with a 90° angle from the sensor.

LIGHT DISTRIBUTION ZONES (FLOOR / CEILING)

68

260

192

Optional micro-pierced steel diffusion panel
(factory fitted)

Reset

Infrared sensor for remote control (optional)

Motion sensor

Light sensor

LIGHT DISTRIBUTION ZONES (DESK / CEILING)

72

260

116

72

French products constructed in accordance
with current European directives.

ENEC and VDE certification. Manade is certified ISO 9001.

Manade Warranty : 2 years against manufacturing defects,
under normal conditions of use.

These lamps are all over 95 % recyclable.