

2018 BLACK BOOK

**“DESIGN
IS THE
COMBINATION
OF
HARMONY,
BALANCE,
AND
CONFLICTS,**

**WHILE
QUALITY
IS THE
REFLECTION
OF
RESPONSIBILITIES,
CONCENTRATE,
AND
EXPERTISE”**

Simply, we are
manufacturer
and designing
company
of led lighting
and have been
doing well in
this business
over decade.

Check
our profile
through
our partner
worldwide

And seriously,
**WE ARE NOT
TRADERS.**

We have all
facilities making
the lamps
we designed
And more
important,
we provide
OEM&ODM
service to
our partners
all over the world

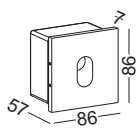
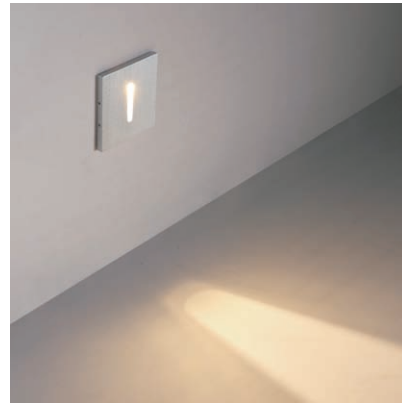


ALL LED IN THE



THE BLACK BOOK

Sample page



code **LSL011** ◀

casing aluminum / anodized silver ◀

lampping LED 1W / Ra>80 / 70LM ◀

Beam 60 degree / no lense ◀

2700K/3000K/4000K/6000K ◀

installation ◀

installed with standard 86x86mm switch box ◀

supply with standard 86mm switch box ◀

surface customizable black paint equal to RAL9011 ◀

Descriptions

- | | | |
|---|---|---|
| <p>① product photo</p> <p>② product measurements size line drawing</p> <p>③ product item No.</p> <p>④ lamp material and lamp finishing and color.</p> | <p>⑤ lamp power / color rendering index lumen output (after chip,before lense or reflector)</p> <p>⑥ lens or reflector angle the angle listed is available option, while the number covered by grey block is the default lens or reflector angle</p> <p>⑦ led color the CCT listed is available option, while the CCT covered by grey block is the default LED color</p> | <p>⑧ installation involved icons check below remarks</p> <p>⑨ cut-off size for the lamp or installation box when there is any need only showed in a recessed lamp</p> <p>⑩ comments about the lamp</p> <p>⑪ custom-made lamp finishings or colors available</p> <p>⑫ rotate angle vertical and horizontal</p> |
|---|---|---|

Icons

<p>installation positions</p> <ul style="list-style-type: none"> wall surface mount ceiling surface mount pendant surface mount wall recessed mount ceiling recessed mount track installation inground installation ground surface mount table/floor lamp 	<p>electrical isolation classes</p> <ul style="list-style-type: none"> class I / earth connected class II / without earth connected but double isolaton lamp working in low volatage 	<p>other icons</p> <ul style="list-style-type: none"> cut-off size for recessed installation fixture can be installed on the flammable surface ce approved / listed vertical rotate angle horizontal rotate angle 	<p>protection degree</p> <ul style="list-style-type: none"> IP20 protected against solid object diameter> 12mm no resistant to any water IP44 protected against solid object diameter> 1mm and splash-proof IP65 dust tight and jet-proof IP67 dust-tight and water-tight
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FINISHINGS AND COLORS

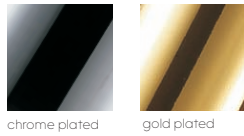
anodization



powder coating



electrical plating



LIGHT EMISSION ANGLE

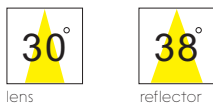
narrow beam



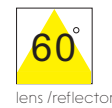
spot



flood



wide flood



DIMMING TECHNOLOGY

■ TRIAC DIMMING

Most lamp in the book can be custom made to TRIAC dimming driver / dimming from 3watt to 40watt / dimming from 10% to 100%

Compatible with most of system in the market such as SIEMENS/PHILIPS/SCHNEIDER/LUTRON/OSRAM/ABB and etc.

Compatible with trail edge and leading edge / Dimming with NO FLASHING

Need a TRIAC dimmer supplied by qualified supplier to operate the dimming system

Advantage: easy wiring, low cost system and dimmer / Disadvantage: always compatibility problems

■ 0/1-10V DIMMING

Due to the big size of 0/1-10V dimming driver, not all lamp can changed to this type of dimming driver, please consult with our engineer for more info.

Dimming by special system and dimmer through two positive and negative control cable.

Advantage: no compatibility problem / Disadvantage: high cost of system and wiring of control cable

■ DALI SYSTEM

Dimming and controlled by DALI PROTOCOL

due to the big size of the driver, not all lamp can changed to this type of dimming driver, please consult with our engineer for more info.

Advantage: no compatibility problem, good dimming effect, long distance control / Disadvantage: high cost of system and driver