ATENA S.P.A. HAS A QUALITY MANAGEMENT SYSTEM CERTIFICATED BY RINA IN COMPLIANCE WITH ISO 9001

# Lighting Baffle
## Standard Series Base 30 | 50

**LIGHTING**
ATE_LB30 | ATE_LB50

**BAFFLE ELEMENTS DIMENSION**

**30** x 64 | 100 | 150 | 200 | 300
**50** x 100 |150 | 200 | 300

**TRB**
carrier with predefined variable distances

**TS**
carrier for distances and/or bases out of measure

Baffle maximum lenght 4000 mm.
Other heights on request up to 400 mm.

**MATERIALS**
Aluminum and steel
Thickness according to the project requirements

**BAFFLE STRUCTURE**
Baffle interlocking carriers made up of black prepainted steel thickness 8/10 or with RAL/NCS post-painting on request
Locking system

**ANTISEISMIC EQUIPMENTS**
Atena Antiseismic kit for ≤ 1,2 m plenum
Atena Antiseismic kit for > 1,2 m high plenum

**SYSTEM HANGERS**
Double hanger with spring or threaded bar

**BAFFLE COLORS**
Atena white, Atena silver pre-painted steel
Atena white, Atena silver pre-painted aluminum
RAL / NCS coatings

**BAFFLE FINISHING**
Plain or perforated surface
Sublimation of images and effects

**BAFFLE PERFORATION**
To choose among Atena perforation range

**BAFFLE SYSTEM ACCESSORIES**
Smooth closing caps on request, Baffle and carriers joints, alignment clips, different heights kit with Tilt Spin system hook.

### DESCRIPTION

Properly conceived to achieve a **perfect integration** between lightings and metal ceilings the Lighting Baffle powered by Atena Lux technology are equipped with last generation fittings. Developed according to the **Human Centric Lighting Criteria**, Atena Lux fittings are programmed in temperature, colour and intensity to satisfy the human **biological cycle** in order to improve the general comfort and the performance levels, in relation to the environment features and its uses.

### LB 30

**30**x64
**30**x100
**30**x150
**30**x200
**30**x300

### LB 50

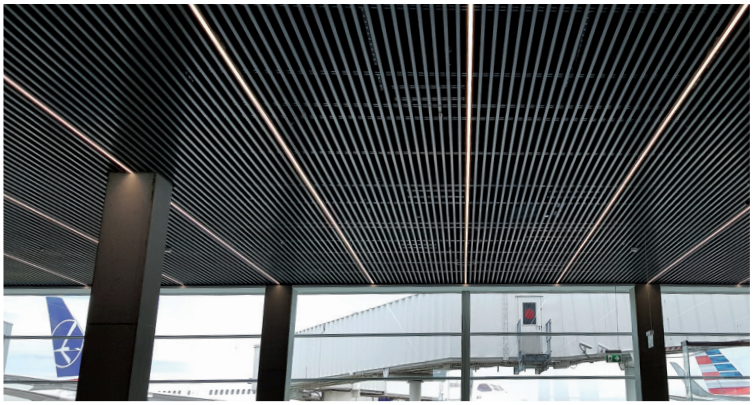
**50**x100
**50**x150
**50**x200
**50**x300

### FASTENERS

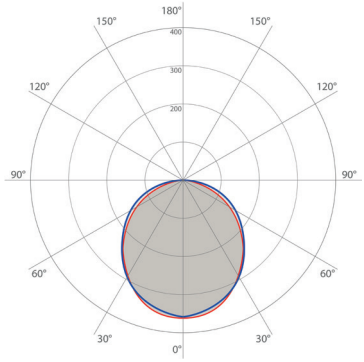
Atena supplies the hangers and accessories such as screws, washers and nuts to connect the elements of its own supply only. Lightings, accessories and systems must not weigh on the metal ceiling system, but must be independently suspended. The fastening must be checked with regard to the loads, the anchoring base features and the installation accuracy, in order not to compromise the stability of the metal ceiling system.

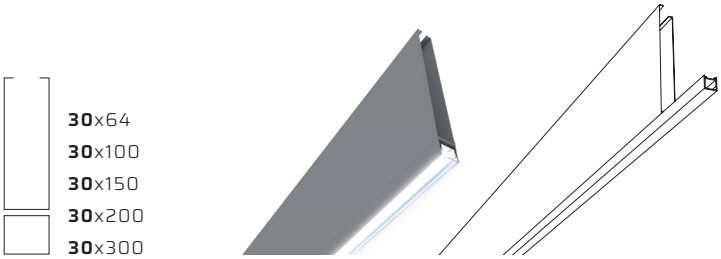
## LIGHTING BAFFLE **LB30**

IP40 | CRI >80 | RoHS COMPLIANT | SELV | NO UV-IR



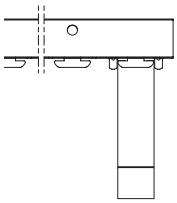
Photometric curve



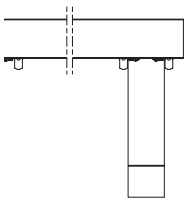



**30**x64
**30**x100
**30**x150
**30**x200
**30**x300

TRB carrier



TS carrier

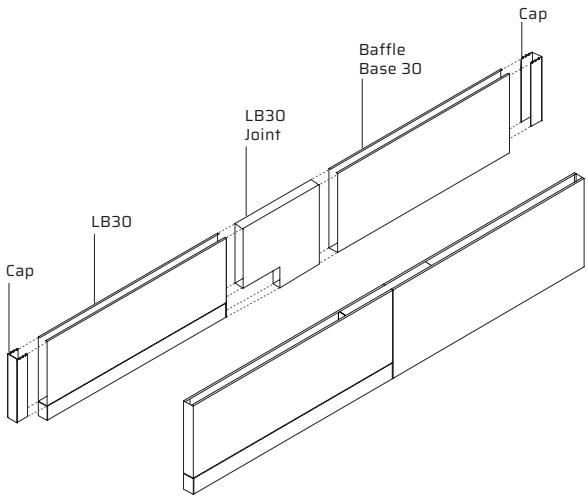


| Rigid LED modules lenght* | WATT power | CCT** | CRI** | IP |
|---|---|---|---|---|
| 561 mm | 13 | 4000 K | >80 | IP40 |
| 1121 mm | 26 | 4000 K | >80 | IP40 |
| 1681 mm | 39 | 4000 K | >80 | IP40 |
| 2241 mm | 52 | 4000 K | >80 | IP40 |
| 2801 mm | 65 | 4000 K | >80 | IP40 |

| Strip LED modules lenght | WATT power | CCT | CRI | IP |
|---|---|---|---|---|
| 500 mm | 7,5 \| 12,5 | 4000 K | >90 | IP40 |
| 1000 mm | 15 \| 25 | 4000 K | >90 | IP40 |
| 1500 mm | 22,5 \| 37,5 | 4000 K | >90 | IP40 |
| 2000 mm | 30 \| 50 | 4000 K | >90 | IP40 |

* Modular system with direct emission that can be used both individually and in continuous rows.

CCT**:
3000 on request
CRI**:
> 90 on request




All dimensions are nominal and expressed in millimeters.
All technical specification data and information can be changed without advise.
For further information please contact sales department:
tel. + 39 0421 75526 export@atena-it.com

**LB 30 DIMENSIONS**
**30**x64 | 100 | 150 | 200 | 300
Other heights on request

**MATERIALS**
Aluminum | Steel

**SOURCE**
Long lasting rigid LED modules, efficiency 82 lm/W
High efficiency HP LED strip modules 58 lm/W
High level of chromatic index
"RGB" and "TUNABLE WHITE" on request
Balanced light emission
Opal optics

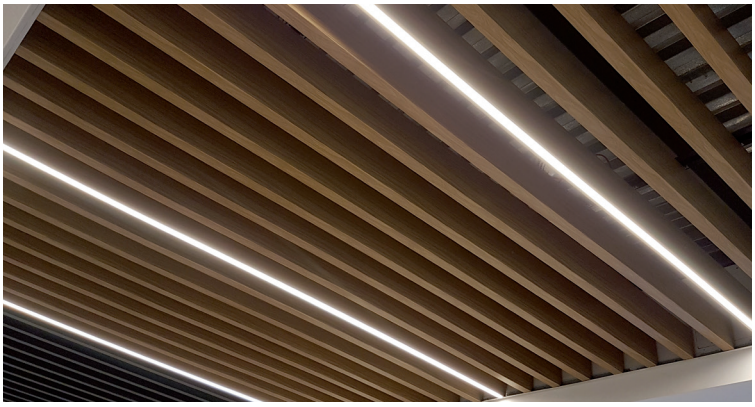
**COMPONENTS**
Independent unit smart drivers
LED closing heads kits (2 pcs)
Joints to couple Baffles and Lighting B.
Steel and aluminum Baffle caps
Electric cable length 1m

**REGULATION CONFORMITY**

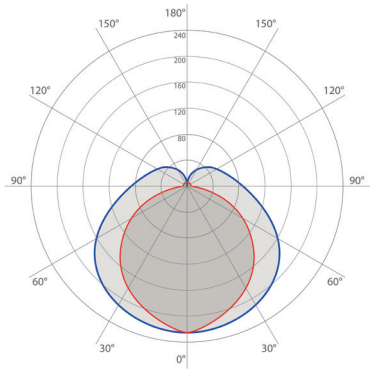
EN 60598-1
EN 60598-2-1
EN 55015
EN 61000-3-2
EN 61000-3-3
EN 60529
EN 62493
EN 61547
CEI 76-10
EN 62471
EN 62031
EN 61347-1
EN 61347-2-13
2004/108/CE
2014/35/UE
2009/125/CE
2011/65/UE
2012/874/UE
2014/30/UE

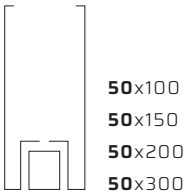
**Schedule**: source features
**CCT**= Color temperature
**CRI**= Chromatic index
**IP**= Protection degree

## LIGHTING BAFFLE **LB50**



Photometric curve



**50**x100
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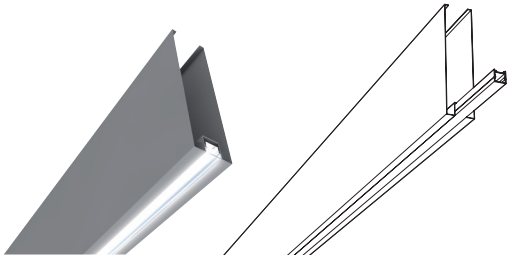
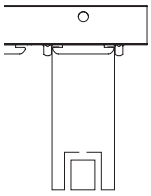
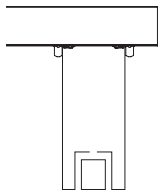


TRB carrier



TS carrier



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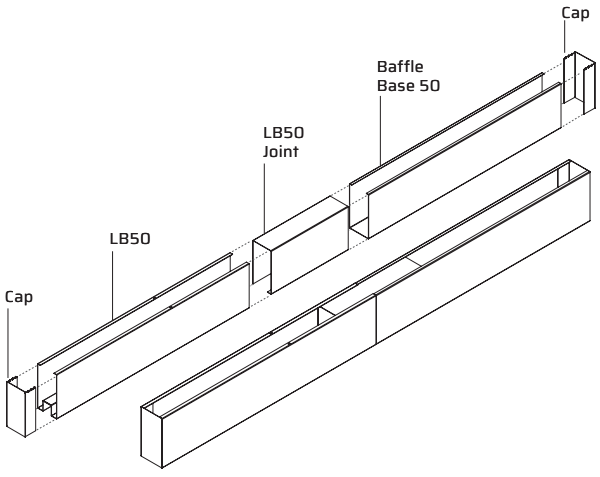


**LB 50 DIMENSIONS**
**50**x100 | 150 | 200 | 300
Other heights on request

**MATERIALS**
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**SOURCE**
High efficiency HP LED strip modules 58 lm/W
High level of chromatic index (CRI>90)
"RGB" and "TUNABLE WHITE" on request
Balanced light emission
Opal optics

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