

# Characteristics of Opti-Perfect's lighting distributions

**LAT-Miribel**  
BG Professional Europe

# Light trespass prevention

## Optics name

BL1

BL2

## Focus on

- Greatly reduced light trespass
- Internal louver
- Retrofit solutions
- Photometry for calculation
- Preserve aesthetic of the luminaire

No BL



with BL



60%-90% of light reduction on façade

Applications

Implantations

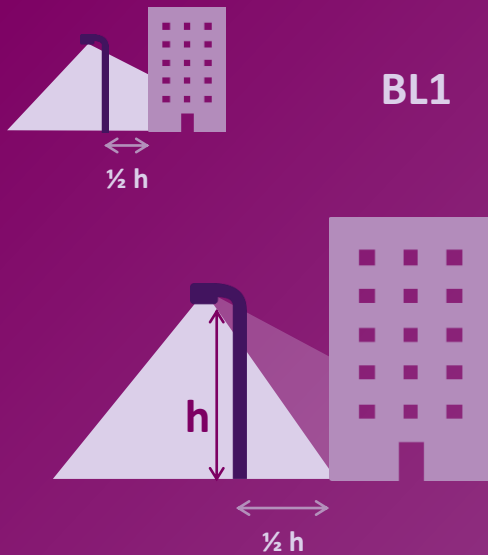
Lighting  
classes

Geometries

Flexibility

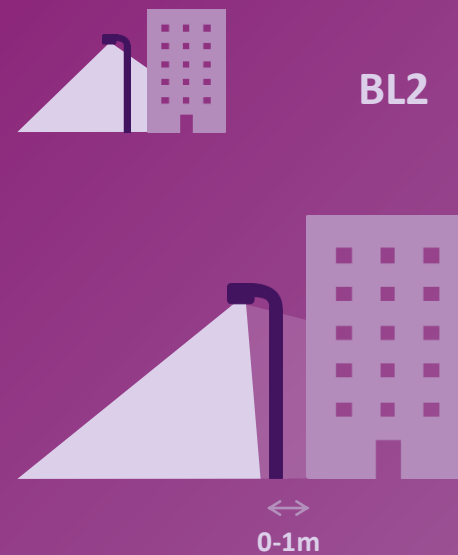
# Light trespass prevention

Luminaire located at a certain distance from the façade



**BL1** Limited cut off to keep light on the ground in front of housing

Luminaire located close or on the façade



**BL2** Sharp cut off needed

**60% to 90% light reduction on façades**


**BL1 – limited cut off**

**BL2 – Sharp cut off**



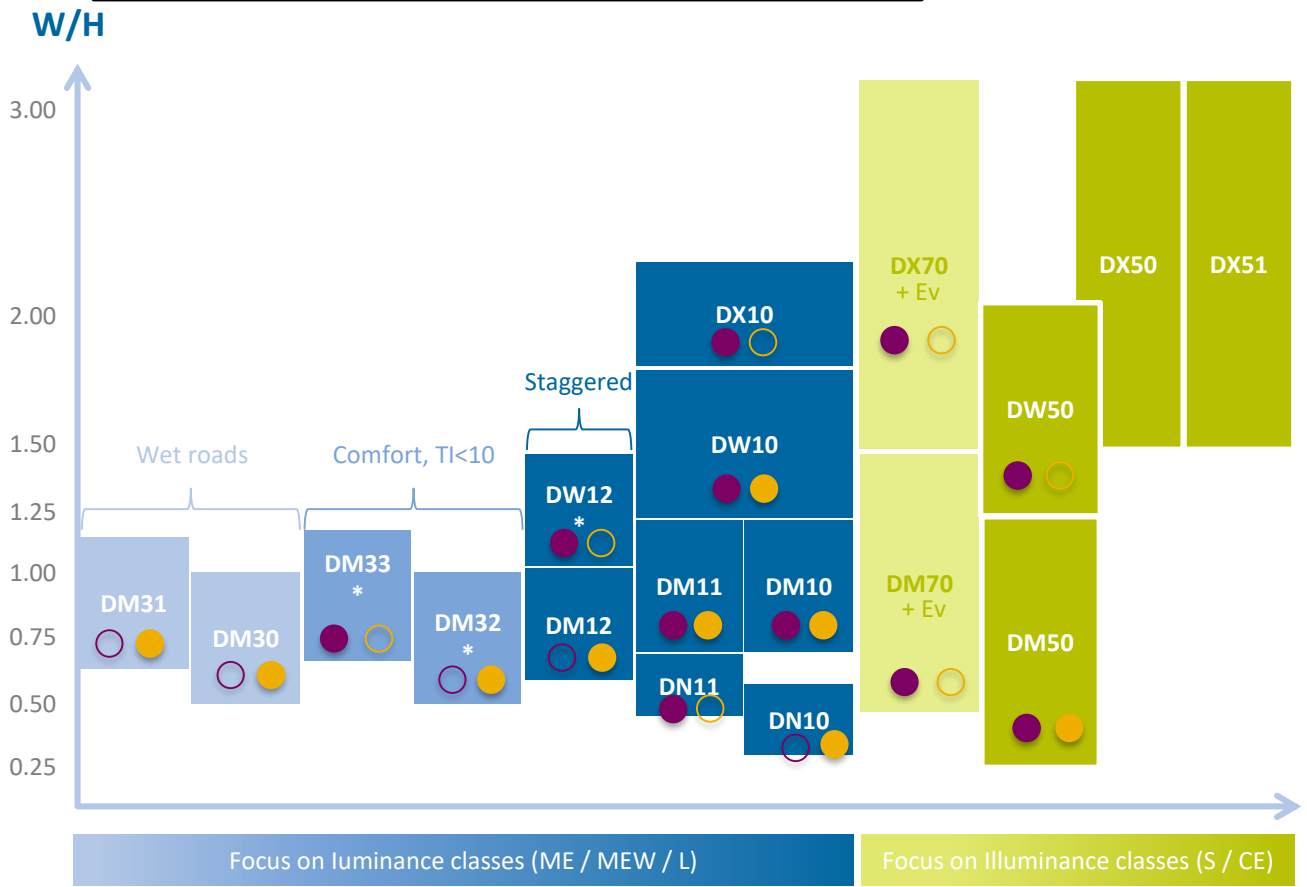
BL2  
BL1  
Ref.

**+ Back-light control**



BL1 → limited backlight cut off    ●    ○  
 BL2 → sharp backlight cut off    ●    ○

Standard    Premium option



- DS50** Symmetrical distribution CE/S classes
- DPR1 / DPL1** Pedestrian crossings
- DSN1 or DSM1 ? \*** Catenary street/tunnel ME classes

\* Will be available by end 2016

**Flexibility over all classes**

