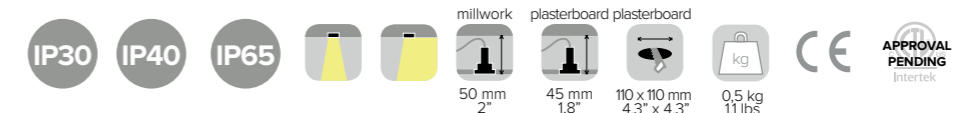
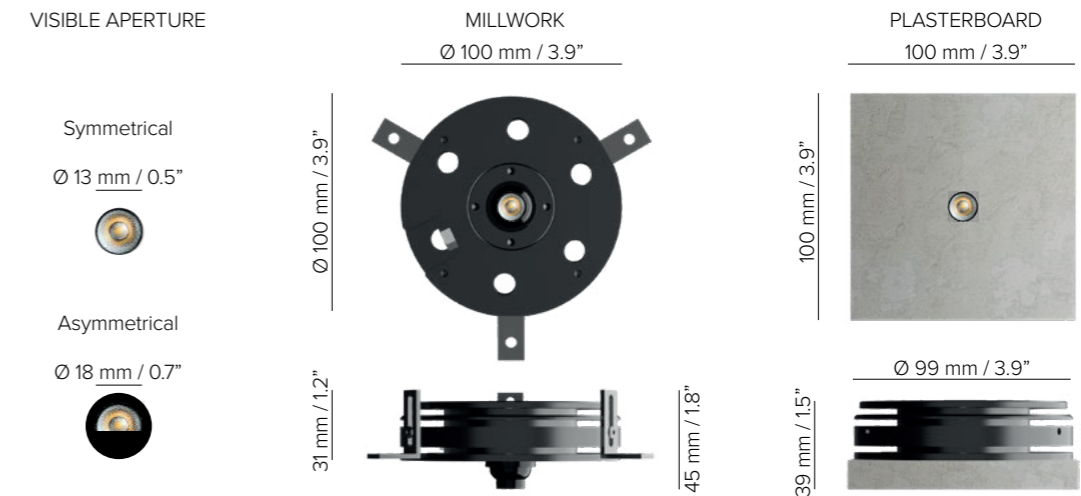


DOT IN LINE XS ^{NEW}



SPECIFICATIONS

| | |
|--------------------|--|
| base code | 64069 |
| typology | Invisible dot hiding a powerful glare free downlight with symmetrical or asymmetrical (downlight 25° and wallwasher) light distribution |
| mounting | In wood or composite material from above the ceiling using height adjustable brackets or in plasterboard from below the ceiling using mounting frame to be separately ordered |
| width | 100 mm / 3.9" |
| height | Millwork: 45 mm / 1.8". Plasterboard: 39 mm / 1.5" |
| required depth | Millwork: 50 mm / 2". Plasterboard: 45 mm / 1.8" |
| ceiling cut out | Plasterboard: 110x110 mm / 4.3x4.3". Millwork read the installation manual |
| construction | Fixture and flange: turning and milling aluminum. Lens: PMMA. Cap: polycarbonate |
| finishes | Heat sink anodized |
| ingress protection | Asymmetrical: IP30. North America dry location Symmetrical: IP40 or IP65. North America damp or wet location |
| lamp type | LED array on printed circuit board. Remote power supply not included |
| lamp wattage | 10W at 24V DC (min / max operating voltage: 20V - 30V). North America: 10W at 24V DC, 10W at 1050mA (symmetrical) or 9W at 900mA (asymmetrical). Vf 9,0V DC |
| lamp lumens | Symmetrical: 1015lm. Asymmetrical: 700lm |
| delivered lumens | Symmetrical: 640lm (20°) - 690lm (40°). Asymmetrical: 500lm |
| lumen maintenance | 50.000h L90 |
| beam | 20°, 40° or asymmetrical reflector (downlight 25° and wallwasher) |
| kelvin | 2200K CRI90, 2700K CRI93, 3000K CRI93 or 4000K CRI93 / 3 step MacAdam ellipse |
| special features | Protection against wrong connections - Two wires dimming. Designed with innovative lens technology, delivers glare free light. UGR<19. The asymmetrical reflector offers longitudinal cut-off and delivers homogeneous light from the upper edge of the wall to the floor with no visible dark zones |
| dimming options | Push button, potentiometer, 0-10V, DALI, DMX, KNX. Dimming options depend on power supply and additional control units to be separately ordered as accessories |
| standards | CE, ETL approval pending |



INVISIBLE AND POWERFUL DOWNLIGHT FOR A SEAMLESS INTEGRATION WITH ARCHITECTURE

DOT IN LINE XS

ORDER CODE

BASE CODE

64069

A . POWER SUPPLY

2 24V DC (20V - 30V)
FOR YACHT ONLY
power supply
NOT included



9 24V DC
power supply
NOT included

R listed
24V DC
power supply
NOT included

U listed
900/1050mA
power supply
NOT included

B . KELVIN

4 4000K CRI93

5 3000K CRI93

8 2700K CRI93

D 2200K CRI90
*ONLY ON REQUEST
FOR NORTH AMERICA*

C . BEAM

2 spot 20°

5 flood 40°

C black
asymmetrical



BASE CODE A B C D E F

Example: **64069 2 5 5 2 B A = 64069-2552BA**

D . FINISHES

2 black

6 white¹
RAL 9003

¹ASYMMETRICAL
BEAM ONLY

symmetrical *asymmetrical*



E . INGRESS PROTECTION

asymmetrical

A IP30

symmetrical

B IP40

C IP65

F . INSTALLATION

A millwork

B plasterboard

ONLY THE LIGHT: 40° BEAM



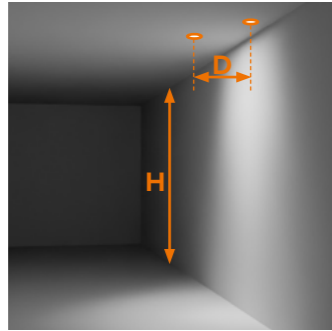
DOT IN LINE XS

INSTALLATION GUIDE FOR THE ASYMMETRICAL DOWNLIGHT (DOWNLIGHT 25° AND WALLWASHER)

FOR A GOOD UNIFORMITY OF LIGHT ON THE WALL, FOLLOW THESE RULES:

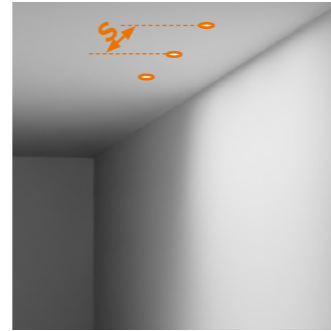
1

The **distance from the wall D** shall be minimum $H / 5$ and maximum $H / 3$



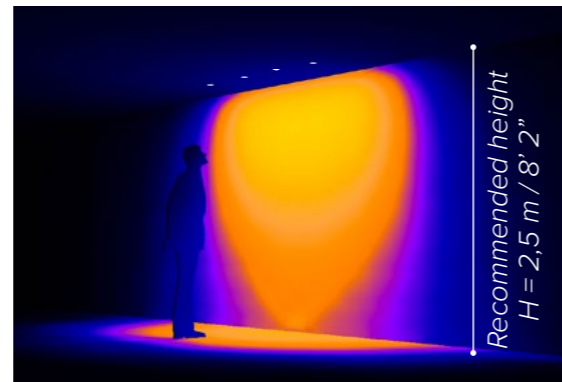
2

The **spacing between luminaires S** shall be minimum the distance **D** from the wall and maximum twice the distance **D x 2** from the wall



DOT IN LINE XS 10W, 500lm delivered

| | | |
|------------------|---------------------------------|---------------------------------|
| H 2,5 m 8' 2" | D _{MIN} 0,5 m 1' 7" | S _{MIN} 0,5 m 1' 7" |
| | | S _{MAX} 1 m 3' 3" |
| | D _{MAX} 0,8 m 2' 7" | S _{MIN} 0,8 m 2' 7" |
| | | S _{MAX} 1,6 m 5' 3" |



20lx 50lx 100lx 200lx

ASYMMETRICAL DOWNLIGHTS

AVAILABLE OPTIONS FOR DIFFERENT CEILING HEIGHTS



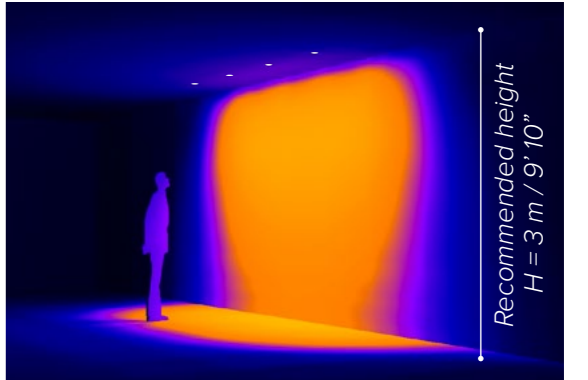
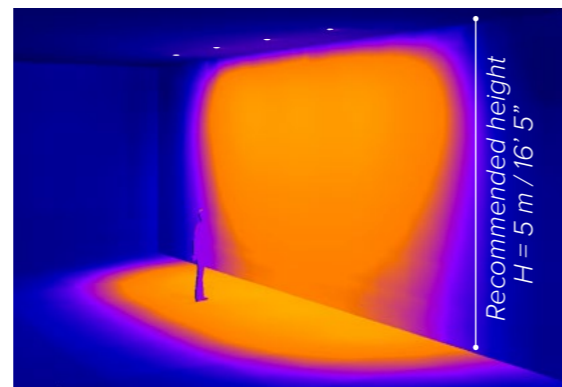
INSIDE 120 R
23W, 2025lm delivered

SEE PAGE 399



ATRIA X3 R
23W, 2025lm delivered

SEE PAGE 467



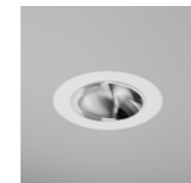
INSIDE 75 R
10W, 790lm delivered

SEE PAGE 389



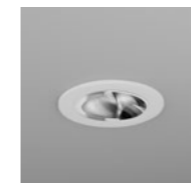
ATRIA XS R
10W, 790lm delivered

SEE PAGE 445



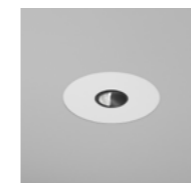
INSIDE 60 R
6W, 570lm delivered

SEE PAGE 383



ATRIA 60 P
6W, 570lm delivered

SEE PAGE 439



INSIDE 40 R
4W, 220lm delivered

SEE PAGE 375



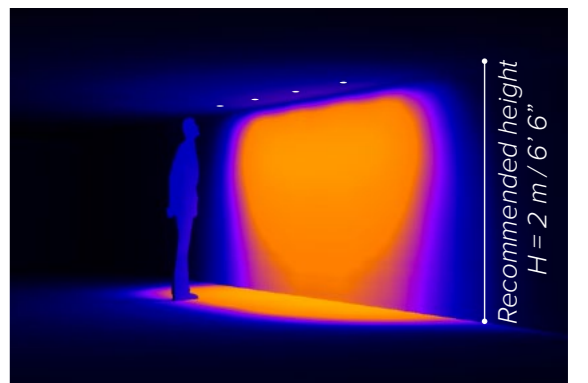
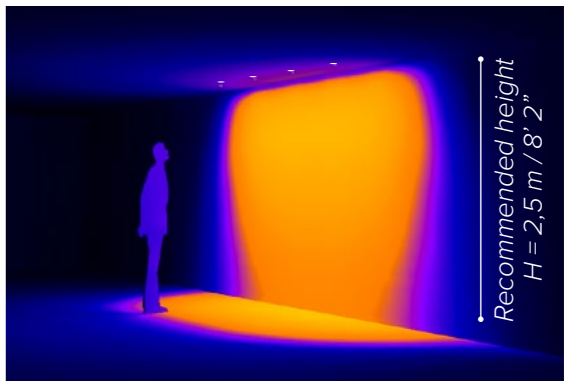
DOT 45
4W, 220lm delivered

SEE PAGE 433



DOT 30
1,5W, 40lm delivered

SEE PAGE 429



20lx 50lx 100lx 200lx

Best for shelves

Since every project is different, use this installation guide as a starting point for your lighting design. To further test the desired effect on your project, use the **photometric files** available on B LIGHT's website.

DOT IN LINE XS

MOUNTING

MILLWORK

PLASTERBOARD

1 CEILING CUT OUT
Make the cut out on the ceiling
(*READ INSTALLATION INSTRUCTIONS*)



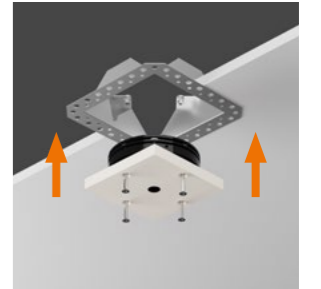
2 LUMINAIRE MOUNTED FROM ABOVE THE CEILING
Using brackets



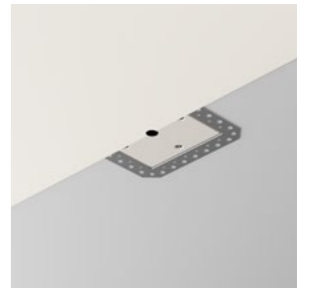
3 MAINTENANCE
Remove luminaire from above the ceiling



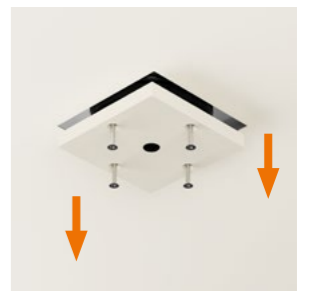
1 LUMINAIRE MOUNTED FROM BELOW THE CEILING USING MOUNTING FRAME CODE 69558
Install the mounting frame from below. Insert the luminaire and secure it using the four screws
(*READ INSTALLATION INSTRUCTIONS*)



2 PLASTER, SAND AND PAINT



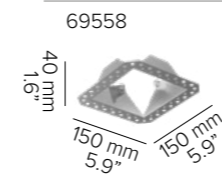
3 MAINTENANCE
Cut the plaster and remove the luminaire by unscrew the screws



ASYMMETRICAL BEAM (DOWNLIGHT 25° AND WALLWASHER) AND 40° BEAM

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED



Power supply
24V DC, ON/OFF*

Power supply
24V DC, 1-10V¹⁾

Power supply
24V DC, DALI¹⁾

Class 2 power supply
24V DC



| code | description | dimensions mm | | | |
|-------|---------------------------------|---------------------------|---------|---------------|--------------|
| 69558 | mounting frame for plasterboard | L150xW150xH40 | | | |
| code | output power | input voltage / frequency | IP | dimensions mm | |
| 69041 | 18W | 198-264V | 50-60Hz | IP20 | L124xW42xH30 |
| 69054 | 60W | 90-305V | 50-60Hz | IP67 | L160xW40xH32 |
| 69052 | 100W | 90-264V | 50-60Hz | IP20 | L200xW69xH35 |
| 69062 | 60W | 90-305V | 50-60Hz | IP67 | L171xW62xH37 |
| 69063 | 100W | 90-305V | 50-60Hz | IP67 | L220xW68xH39 |
| 69201 | 75W | 100-305V | 47-63Hz | IP67 | L180xW63xH36 |

¹⁾for a perfect dimming, it is necessary that the power supply is saturated to 100%

Consult **B LIGHT North America**
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E: info@lightinggroupnetwork.com