

INVISIBLE AND POWERFUL DOWNLIGHT FOR A SEAMLESS INTEGRATION WITH ARCHITECTURE

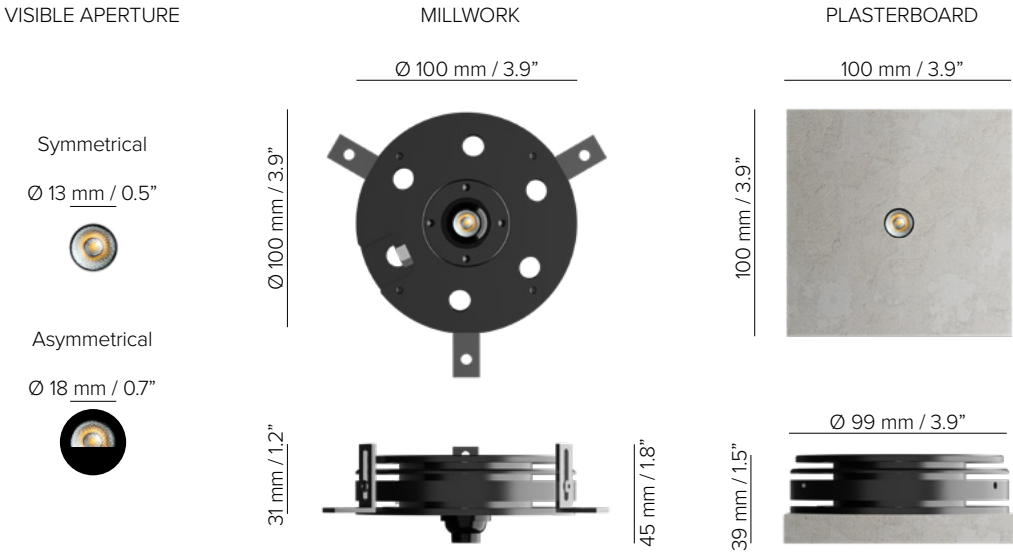


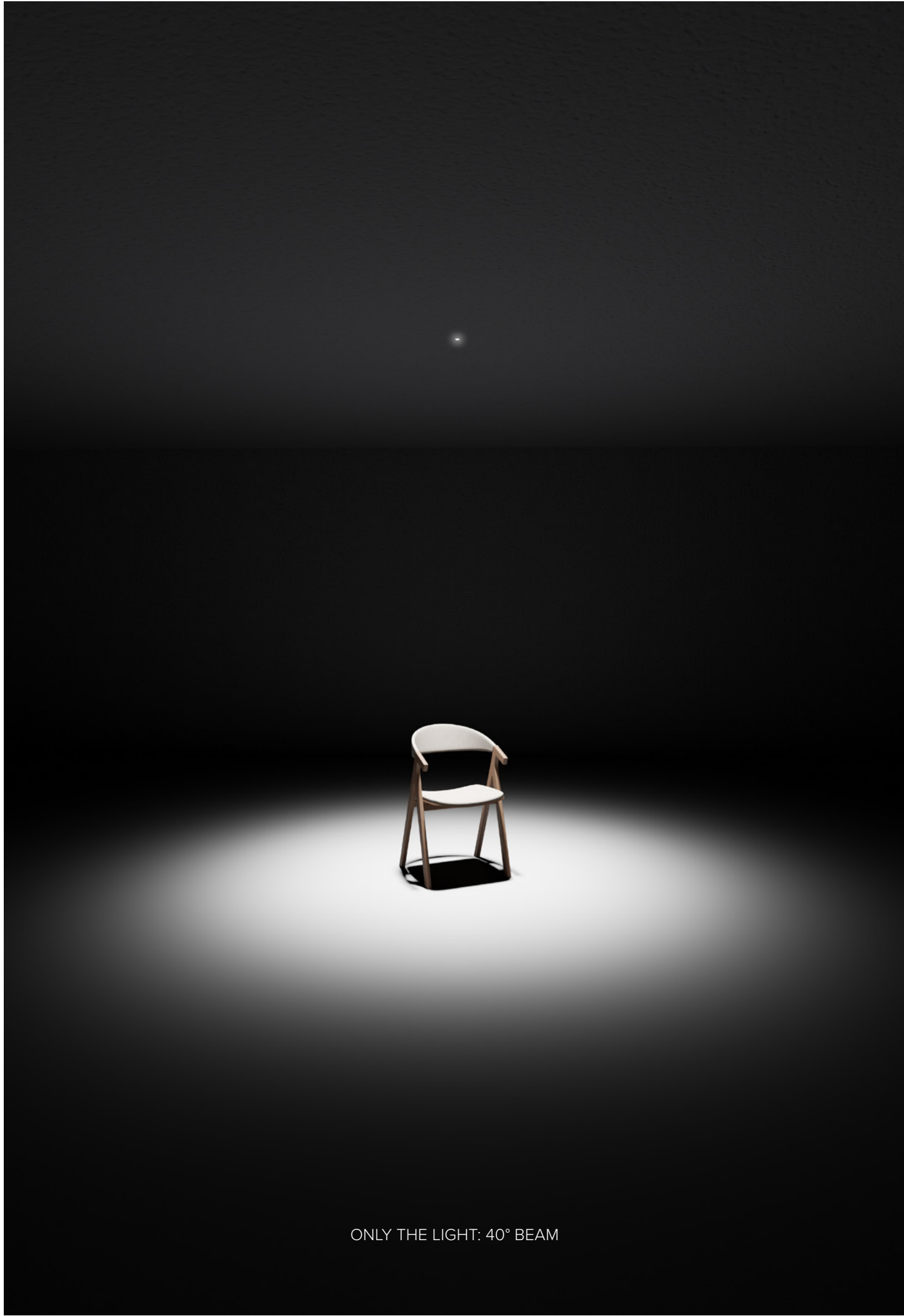
DOT IN LINE XS^{NEW}



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"
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
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





ONLY THE LIGHT: 40° BEAM

DOT IN LINE XS

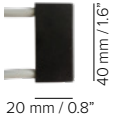
ORDER CODE

BASE CODE

64069

A . POWER SUPPLY

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



R listed
24V DC
power supply
NOT included

9 24V DC
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



Example: BASE CODE
64069 A B C D E F
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



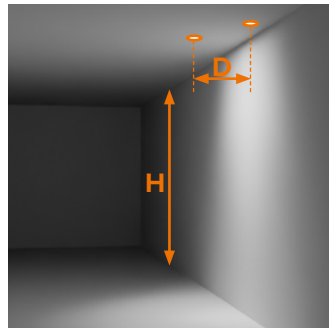
DOT IN LINE XS

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 $H/3$



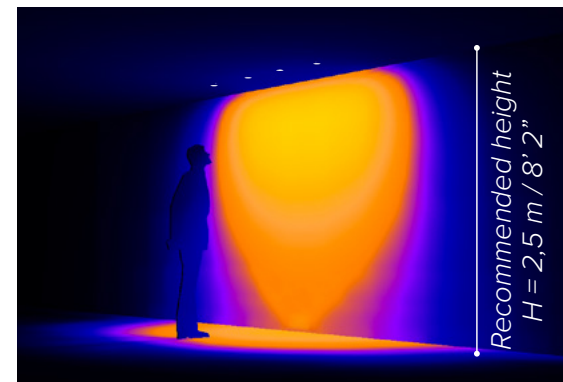
2

The **spacing between luminaires (S)** shall be minimum the distance (D) from the wall and maximum twice the distance ($D \times 2$) 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



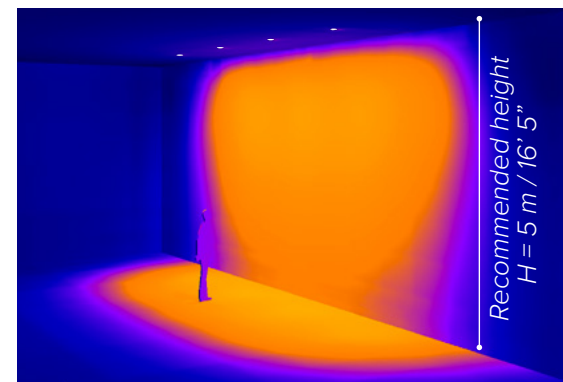
ATRIA X3 R
23W, 2025lm delivered

SEE PAGE 459

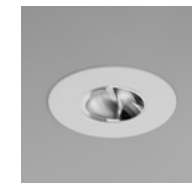


INSIDE 120 R
23W, 2025lm delivered

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ASYMMETRICAL DOWNLIGHTS



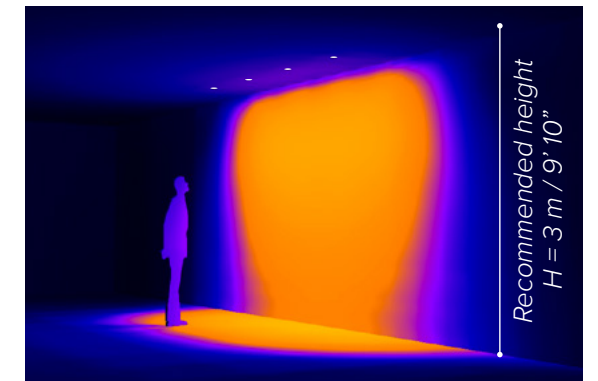
ATRIA XS R
10W, 790lm delivered

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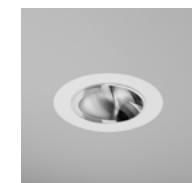
INSIDE 75 R
10W, 790lm delivered

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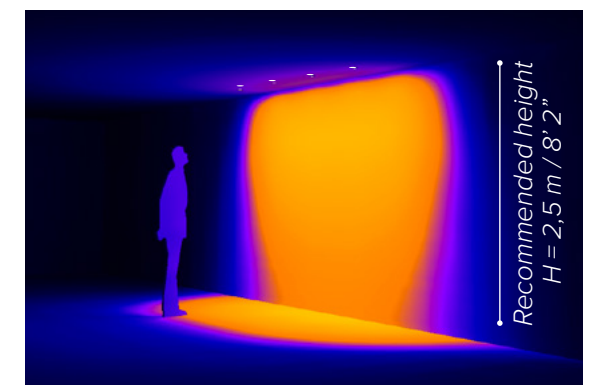
ATRIA 60 P
6W, 570lm delivered

SEE PAGE 431



INSIDE 60 R
6W, 570lm delivered

SEE PAGE 375



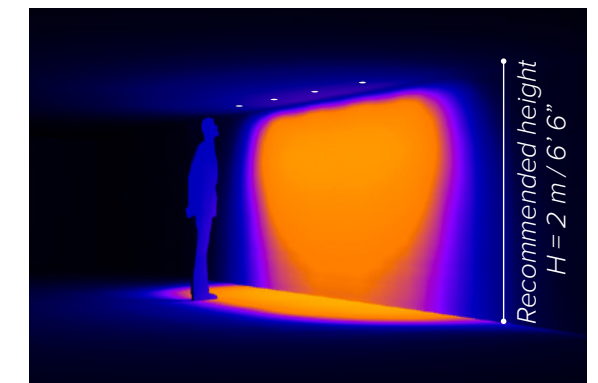
DOT 45
4W, 220lm delivered

SEE PAGE 425



INSIDE 40 R
4W, 220lm delivered

SEE PAGE 367



DOT 30
1,5W, 40lm delivered

SEE PAGE 421



20lx 50lx 100lx 200lx

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.



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

DOT IN LINE XS

MOUNTING

MILLWORK

PLASTERBOARD

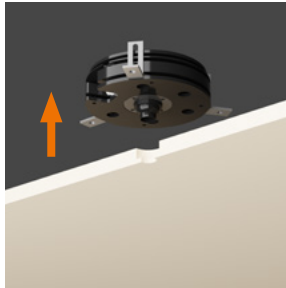
1 **CEILING CUT OUT**
Make the cut out on the ceiling
(*READ INSTALLATION INSTRUCTIONS*)



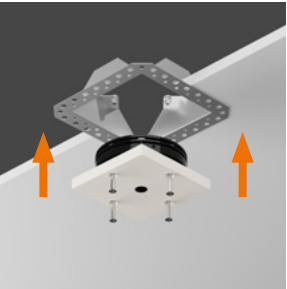
2 **LUMINAIRE MOUNTED FROM ABOVE THE CEILING**
Using brackets



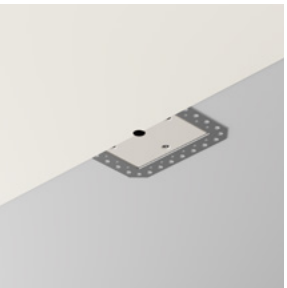
3 **MAINTENANCE**
Remove luminaire from above the ceiling



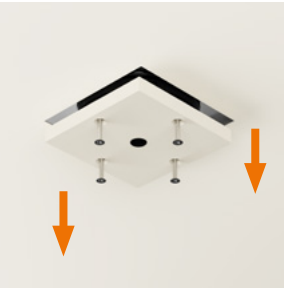
1 **LUMINAIRE MOUNTED FROM BELOW THE CEILING USING MOUNTING FRAME CODE 69558**
Install the mounting frame from below. Insert the luminaire and secure it using the four screws
(*READ INSTALLATION INSTRUCTIONS*)



2 **PLASTER, SAND AND PAINT**

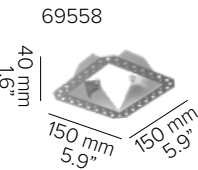


3 **MAINTENANCE**
Cut the plaster and remove the luminaire by unscrew the screws



ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED



Power supply
24V DC, ON/OFF*

Power supply
24V DC, 1-10V⁽¹⁾

Power supply
24V DC, DALI ⁽¹⁾

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

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

Consult **B LIGHT North America**
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