

INVISIBLE AND POWERFUL DOWNLIGHT FOR A SEAMLESS INTEGRATION WITH ARCHITECTURE



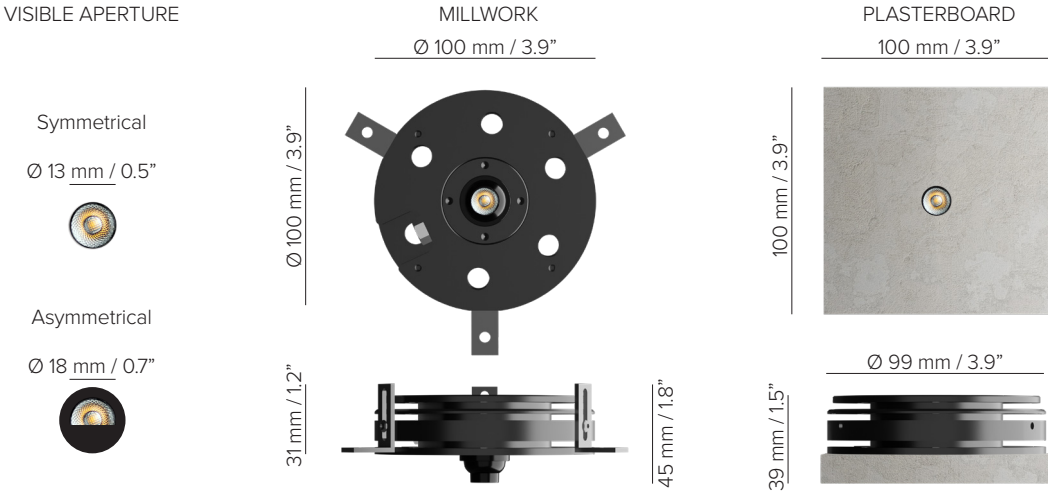
PLUS ONE

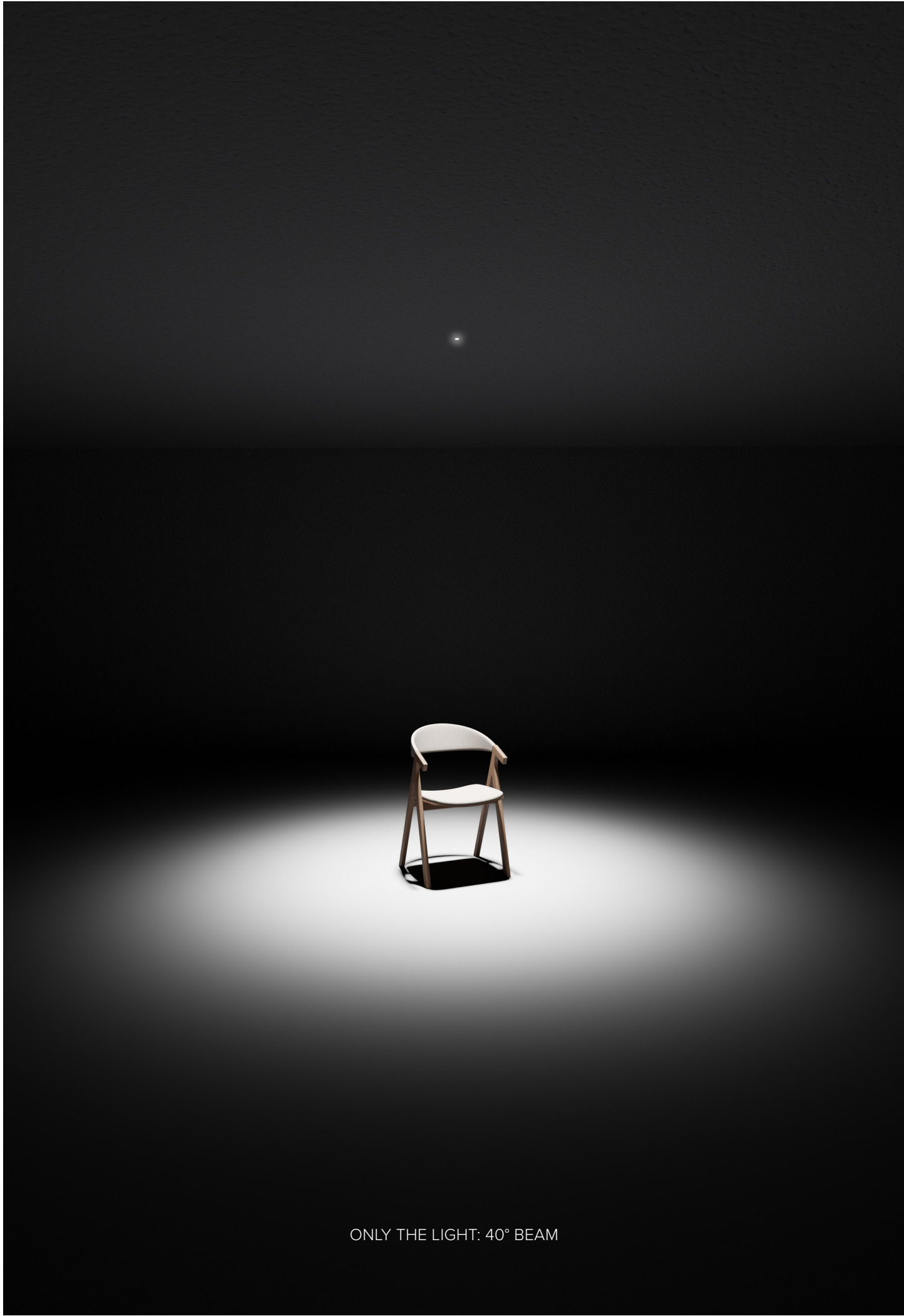
NEW



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"
cealing cut out	Platerboard: 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. For Yacht operating voltage 20V-30V. North America: 10W at 24V DC, 10W at 1050mA (symmetrical), 9W at 900mA (asymmetrical), 7W at 700mA (asymmetrical 2200K). Vf 9V 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

PLUS ONE

ORDER CODE

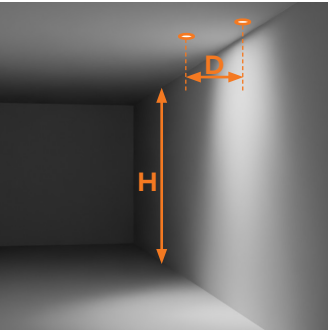
BASE CODE	A . POWER SUPPLY		B . KELVIN		C . BEAM	
64069	2	24V DC (20V - 30V) FOR YACHT ONLY power supply NOT included	4	4000K CRI93	2	spot 20°
		 20 mm / 0.8" 40 mm / 1.6"	5	3000K CRI93	5	flood 40°
	9	24V DC power supply NOT included	8	2700K CRI93	C	black asymmetrical
	R	 listed 24V DC power supply NOT included	D	2200K CRI90		 
	U	 listed 700/900/1050mA power supply NOT included				
Example: BASE CODE 64069			A	B	C	D
			2	5	5	2
			B	A	= 64069-2552BA	
D . FINISHES	E . INGRESS PROTECTION		F . INSTALLATION			
symmetrical asymmetrical		asymmetrical		A millwork		
2 black			A IP30	B plasterboard		
6 white ¹ RAL 9003			symmetrical			
¹ ASYMMETRICAL BEAM ONLY		B IP40				
		C IP65				

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 $H / 3$



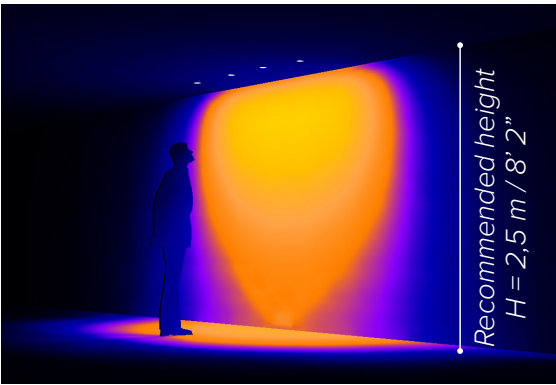
2

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



PLUS ONE
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



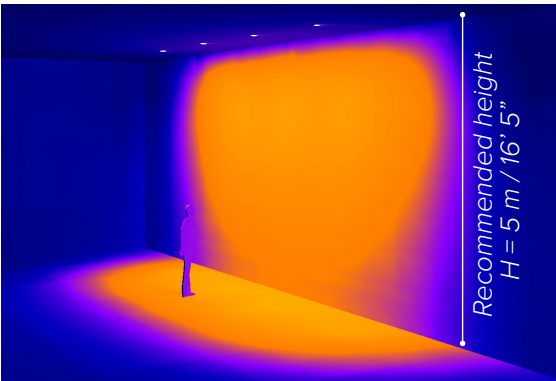
INSIDE 120 R
23W, 2025lm delivered

SEE PAGE 399



ATRIA X3 R
23W, 2025lm delivered

SEE PAGE 467



ASYMMETRICAL DOWNLIGHTS



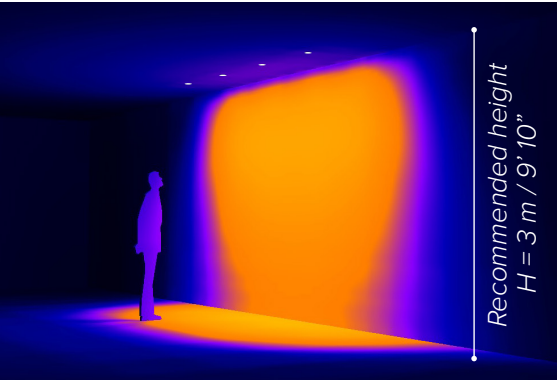
INSIDE 75 R
10W, 790lm delivered

SEE PAGE 389



ATRIA XS R
10W, 790lm delivered

SEE PAGE 445



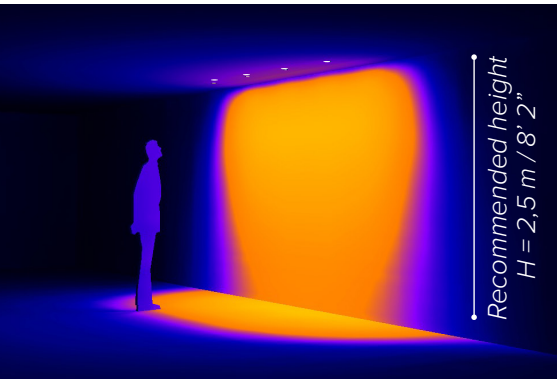
INSIDE 60 R
6W, 570lm delivered

SEE PAGE 383



ATRIA 60 P
6W, 570lm delivered

SEE PAGE 439



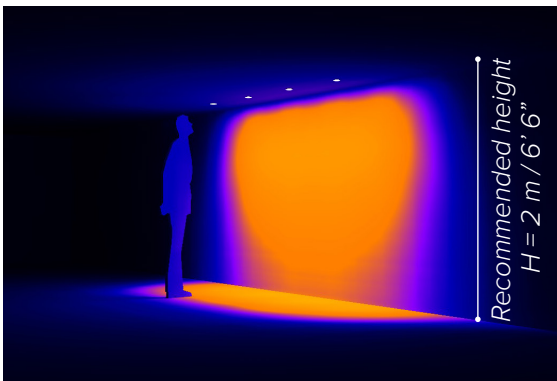
INSIDE 40 R
4W, 220lm delivered

SEE PAGE 375



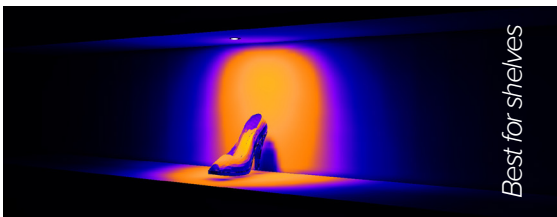
DOT 45
4W, 220lm delivered

SEE PAGE 433



DOT 30
1,5W, 40lm delivered

SEE PAGE 429



20lx 50lx 100lx 200lx

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

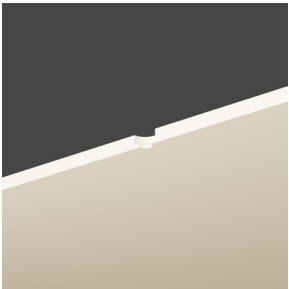
PLUS ONE



MOUNTING

MILLWORK

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



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

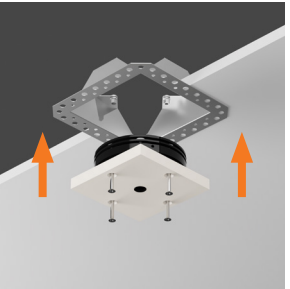


- 3 MAINTENANCE**
Remove luminaire from above the ceiling

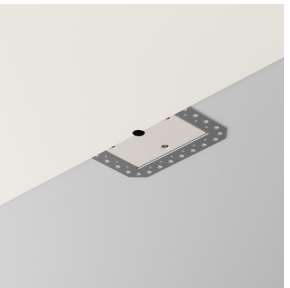


PLASTERBOARD

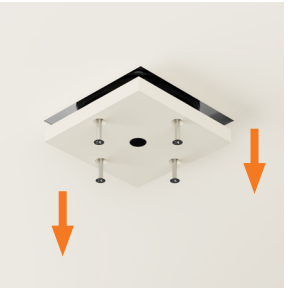
- 1 LUMINAIRE MOUNTED FROM BELOW THE CEILING USING MOUNTING FRAME CODE 69558**
Install the mounting frame from below. Insert the luminaire and secure it using the four screws
(*READ INSTALLATION INSTRUCTIONS*)



- 2 PLASTER, SAND AND PAINT**

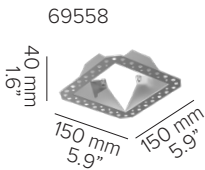


- 3 MAINTENANCE**
Cut the plaster and remove the luminaire by unscrew the screws



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**
Lighting Group Network
T: 212.775.6363
E: info@lightinggroupnetwork.com