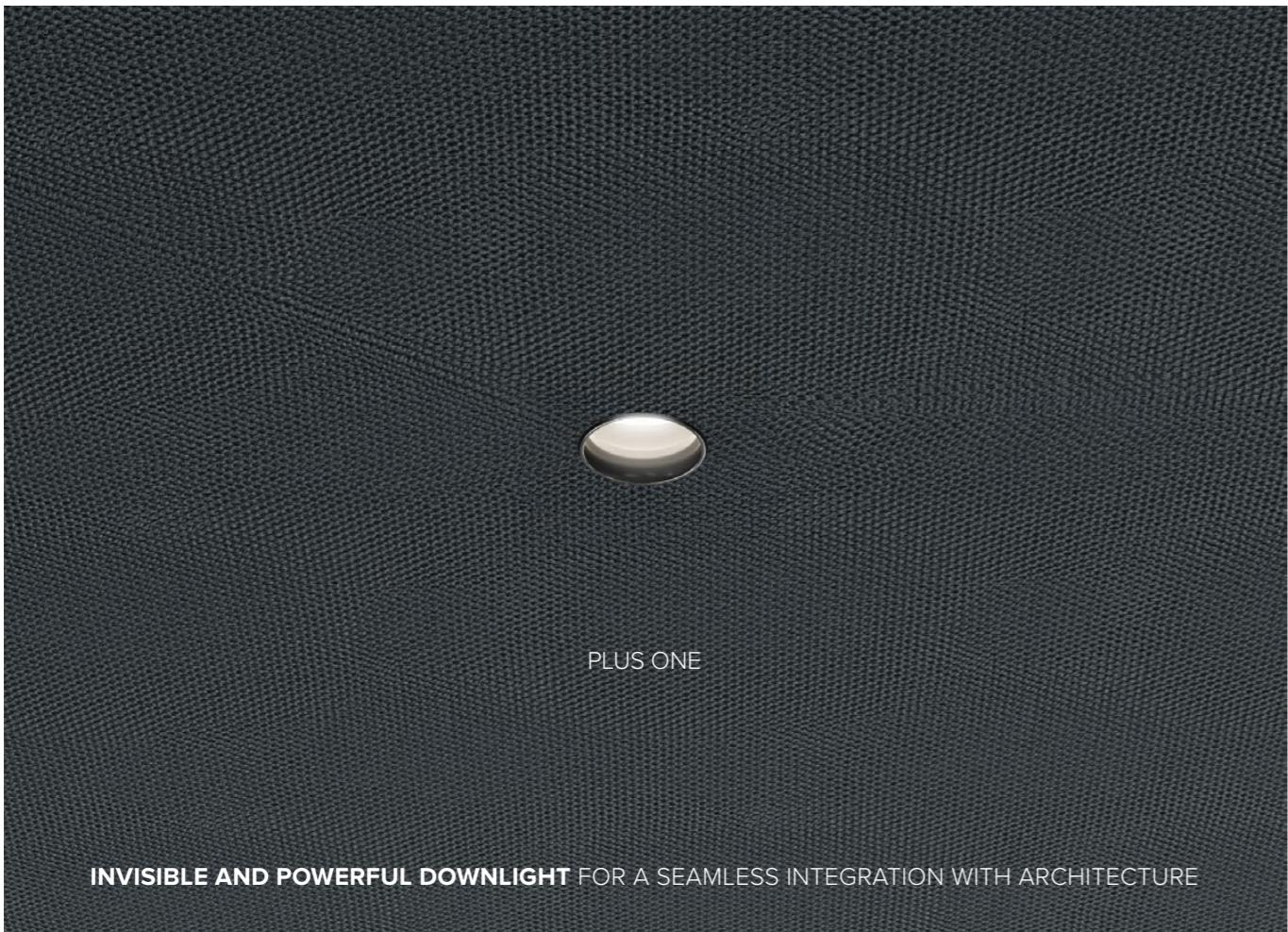
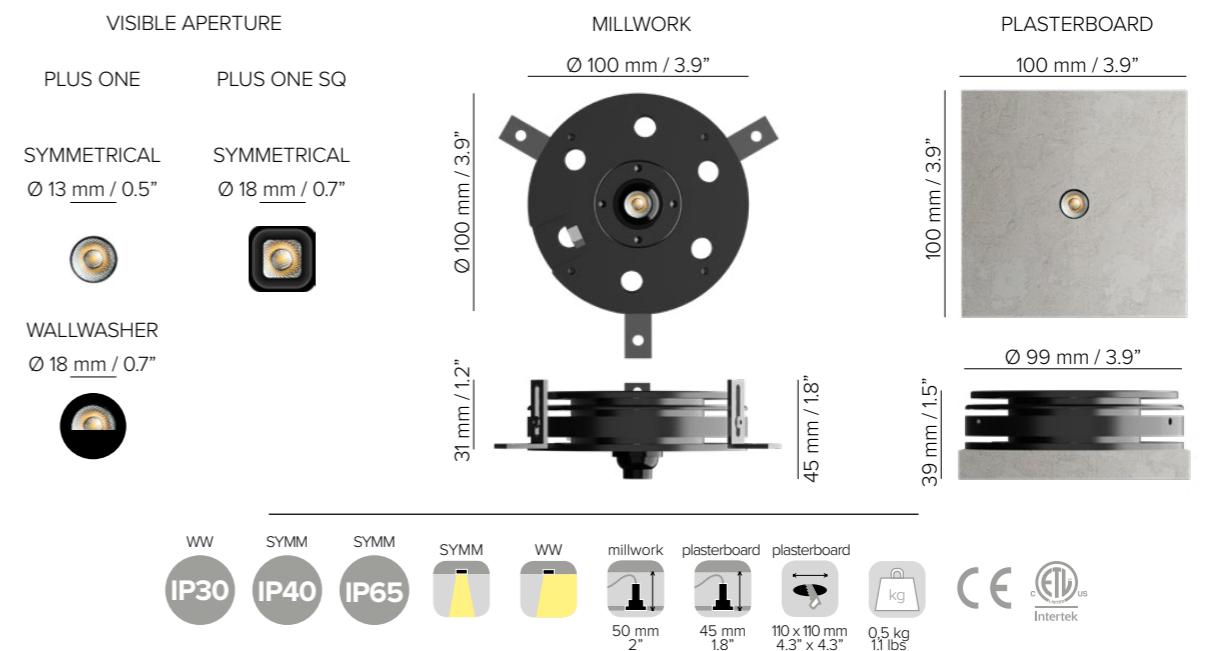


PLUS ONE / PLUS ONE SQ



SPECIFICATIONS

base code	PLUS ONE: 64069 - PLUS ONE SQ: 64070
typology	Invisible dot hiding a powerful minimal glare downlight with symmetrical or 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	Wallwasher: 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, symmetrical beam (20°, 40°), Vf 9V DC: Type Non-IC: 9.5W at 1050 mA. Type IC: 8W at 900 mA. North America, wallwasher, Vf 9V DC: Type Non-IC: 8W at 900 mA, 6.5W at 700 mA (2200K). Type IC: 7W at 800 mA, 6.5W at 700 mA (2200K)
lamp lumens	Symmetrical: 1015lm. Wallwasher: 700lm
delivered lumens	Symmetrical: 549lm (20°) - 590lm (40°). Wallwasher: 444lm
lumen maintenance	50.000h L90
beam	PLUS ONE: 20°, 40° or wallwasher (downlight 25° and wallwasher) PLUS ONE SQ: 20°, 40°
kelvin	2200K CRI90, 2700K CRI93, 3000K CRI93 or 4000K CRI93 / 3 step MacAdam ellipse
special features	Reverse Polarity Protection. Two Wires Dimming. The wallwasher offers longitudinal cut-off and delivers homogeneous light from the upper edge of the wall to the floor with no visible dark zones
control protocols	0-10V, DMX or DALI
certifications	CE, ETL listed (certified to UL 2108, CSA C22.2)



PLUS ONE

ORDER CODE

BASE CODE

64069

A. POWER SUPPLY

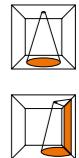
- 2** 24V DC (20V - 30V) FOR YACHT ONLY power supply NOT included
-  40 mm / 1.6"
- 9** 24V DC power supply NOT included
- U**  700/800/900/1050mA power supply NOT included

B. KELVIN

- 4** 4000K CRI93
- 5** 3000K CRI93
- 8** 2700K CRI93
- D** 2200K CRI90

C. BEAM

- 2** spot 20°
- 5** flood 40°
- C** black wallwasher



BASE CODE A B C D E F
Example: **64069 2 5 5 2 B A** = **64069-2552BA**

D. FINISHES

	<i>symmetrical</i>	<i>wallwasher</i>	<i>wallwasher</i>
2 black			
6 white ¹ RAL 9003			

¹WALLWASHER BEAM ONLY

E. INGRESS PROTECTION

	<i>symmetrical</i>	<i>IP30</i>	<i>IP40</i>	<i>IP65</i>
A				
B				
C				

F. INSTALLATION

- A** millwork 
- B** plasterboard 



ONLY THE LIGHT: 40° BEAM

PLUS ONE SQ

ORDER CODE

BASE CODE

64070

A. POWER SUPPLY

- 2** 24V DC (20V - 30V) FOR YACHT ONLY power supply NOT included
-  40 mm / 1.6"
- 9** 24V DC power supply NOT included
- U**  700/800/900/1050mA power supply NOT included

B. KELVIN

- 4** 4000K CRI93
- 5** 3000K CRI93
- 8** 2700K CRI93
- D** 2200K CRI90

C. BEAM

- 2** spot 20°
- 5** flood 40°



BASE CODE A B C D E F
Example: **64070 2 5 5 2 B A** = **64069-2552BA**

D. FINISHES

2 black RAL 9005		B IP40	A millwork 
6 white RAL 9003		C IP65	B plasterboard 

E. INGRESS PROTECTION

A	
C	

F. INSTALLATION

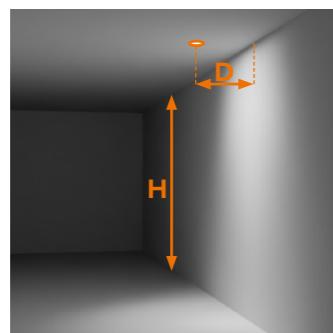
- A** millwork 
- B** plasterboard 

PLUS ONE

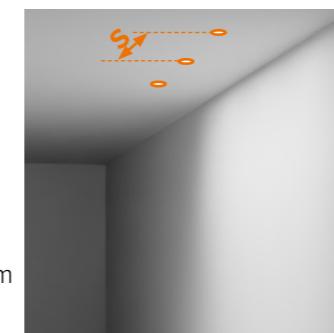
INSTALLATION GUIDE FOR WALLWASHER

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

1

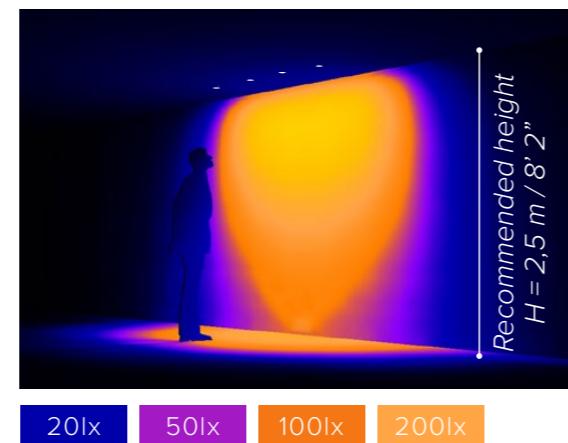


2



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"
	D_{MAX} 0,8 m 2' 7"	S_{MAX} 1,6 m 5' 3"
H 2,5 m 8' 2"	D_{MIN} 0,8 m 2' 7"	S_{MIN} 0,8 m 2' 7"
	D_{MAX} 1,6 m 5' 3"	S_{MAX} 1,6 m 5' 3"



WALLWASHER OPTIONS

FOR DIFFERENT CEILING HEIGHTS



INSIDE 120 R
23W, 2025lm delivered

SEE PAGE 397



ATRIA X3 R
23W, 2025lm delivered

SEE PAGE 469



WALLWASHER OPTIONS

INSIDE 75 R
10W, 790lm delivered

SEE PAGE 383
ATRIA XS R
10W, 790lm delivered

SEE PAGE 447

INSIDE 60 R
6W, 570lm delivered

SEE PAGE 377
ATRIA 60 P
6W, 570lm delivered

SEE PAGE 441

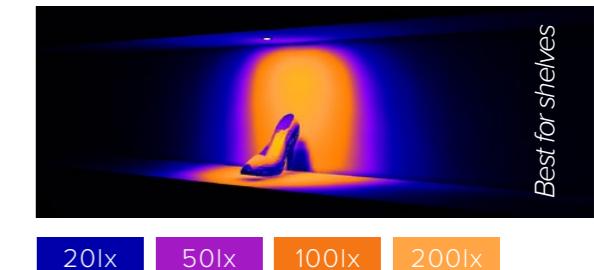
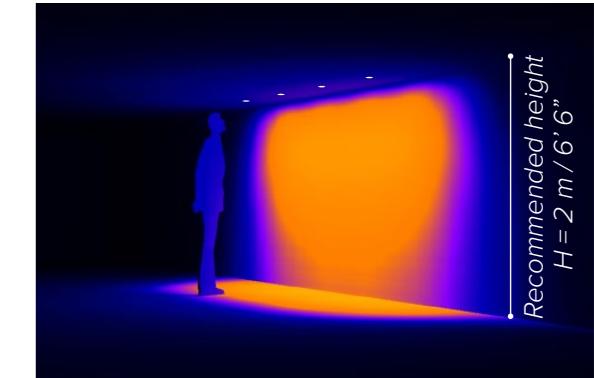
INSIDE 40 R
4W, 220lm delivered

SEE PAGE 377
DOT 45
4W, 220lm delivered

SEE PAGE 433

DOT 30
1,5W, 40lm delivered

SEE PAGE 427



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.

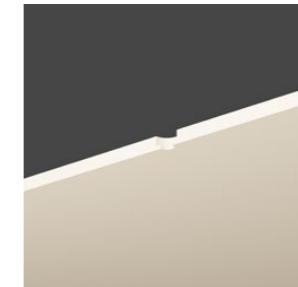
PLUS ONE / PLUS ONE SQ



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

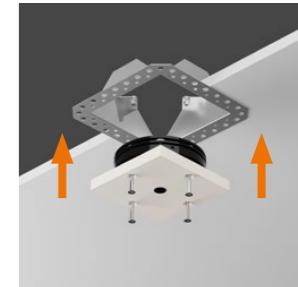


3 **MAINTENANCE**
Remove luminaire from above the ceiling

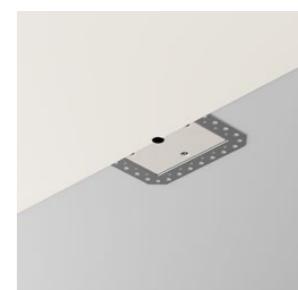


PLASTERBOARD

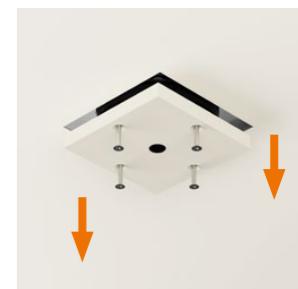
1 **LUMINAIRE MOUNTED FROM BELOW THE CEILING USING MOUNTING FRAME CODE 69558**
Install the mounting frame from below. Insert the luminaire and secure it using the four screws
(READ INSTALLATION INSTRUCTIONS)



2 **PLASTER, SAND AND PAINT**

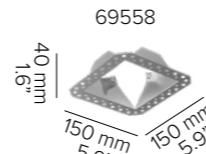


3 **MAINTENANCE**
Cut the plaster and remove the luminaire by unscrew the screws



ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED



Power supply
24V DC*, ON/OFF

Power supply
24V DC*, 1-10V¹⁾

Consult **B LIGHT** North America

Lighting Group Network

T: 212.775.6363

E: info@lightinggroupnetwork.com



*To choose the power supply, always add a spare 20% as safety margin.
See pag 515 for cable size and max wiring distance from power supply to last connected luminaire