INVISIBLE DOWNLIGHT FOR A SEAMLESS INTEGRATION WITH ARCHITECTURE
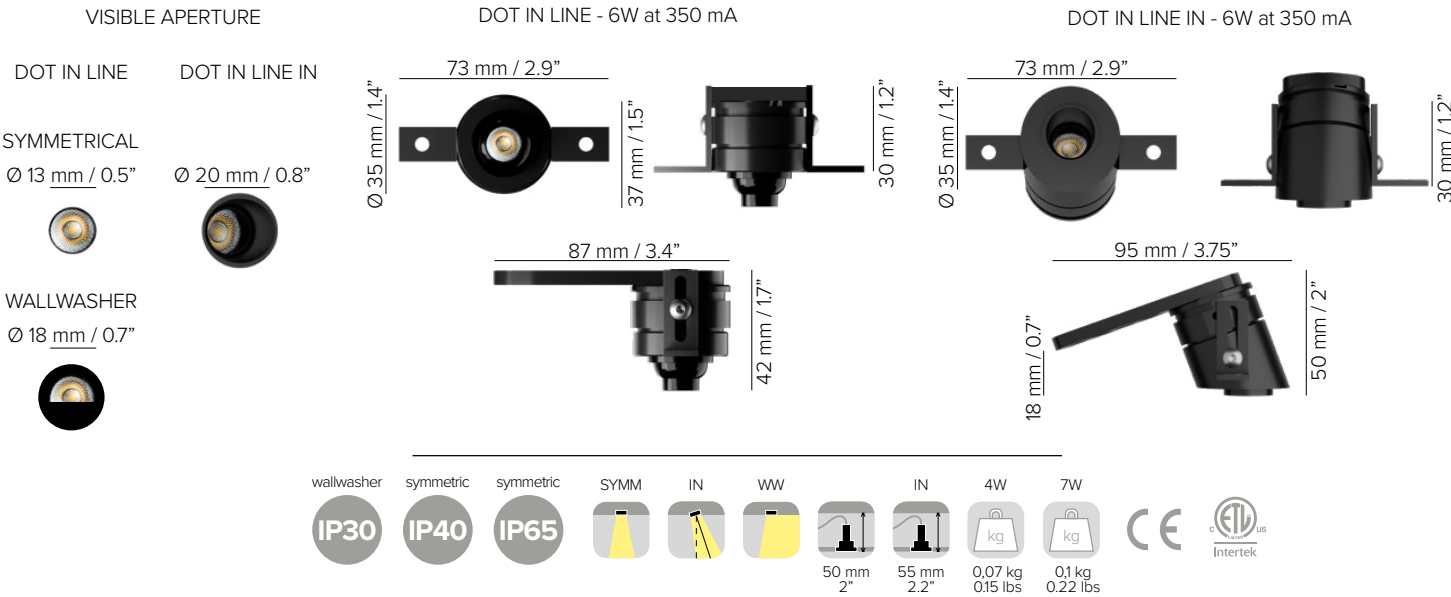
DOT IN LINE SYMMETRICAL

DOT IN LINE IN

DOT IN LINE WALLWASHER

DOT IN LINE / DOT IN LINE IN

PLUS

SPECIFICATIONS

|	
base code	DOT IN LINE: 64056 - DOT IN LINE IN: 64058
typology	Invisible dot hiding a powerful minimal glare downlight with symmetrical or wallwasher light distribution. DOT IN LINE IN: 20° tilted optics
mounting	In wood, stone or composite material from above the ceiling using height adjustable brackets for ceiling thickness from 3 mm / 0.1" to 21 mm / 0.8"
length	73 mm / 2.9"
width	35 mm / 1.4"
height	DOT IN LINE: 37 mm / 1.5" (4W) - 42 mm / 1.7" (7W) DOT IN LINE IN: 45 mm / 1.8" (4W) - 50 mm / 2" (7W)
required depth	DOT IN LINE: 50 mm / 2" - DOT IN LINE IN: 55 mm / 2.2"
cealing cut out	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	4W or 7W at 24V DC. For Yacht operating voltage 20V-30V. 3W at 200mA or 6W at 350mA. North America: 3W at 200mA or 6W at 350mA
lamp lumens	4W: 330lm - 7W: 660lm
delivered lumens	4W: 135lm - 7W: 230lm. Wallwasher 4W: 220lm - 7W: 340lm
lumen maintenance	50.000h L90
beam	DOT IN LINE: 20°, 40° or wallwasher (downlight 25° and wallwasher) DOT IN LINE IN: 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)

VISIBLE APERTURE

DOT IN LINE	DOT IN LINE IN
SYMMETRICAL Ø 13 mm / 0.5"	Ø 20 mm / 0.8"
WALLWASHER Ø 18 mm / 0.7"	

DOT IN LINE - 6W at 350 mA

73 mm / 2.9" — Ø 35 mm / 1.4" — 37 mm / 1.5" — 30 mm / 1.2"

87 mm / 3.4" — 42 mm / 1.7"

DOT IN LINE IN - 6W at 350 mA

73 mm / 2.9" — Ø 35 mm / 1.4" — 30 mm / 1.2"

95 mm / 3.75" — 18 mm / 0.7" — 50 mm / 2"

wallwasher	symmetric	symmetric	SYMM	IN	WW	IN	4W	7W
IP30	IP40	IP65					kg	kg
						50 mm 2" / 55 mm 2.2"	0.07 kg 0.15 lbs	0.1 kg 0.22 lbs

CE ETL Intertek

DOT IN LINE

INSTALLATION GUIDE FOR WALLWASHER

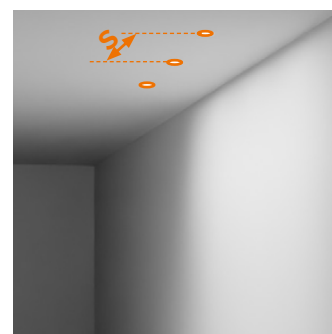FOR A GOOD UNIFORMITY OF LIGHT ON THE WALL, FOLLOW THESE RULES:

1

The **distance from the wall D** shall be minimum H / 5 and maximum H / 3
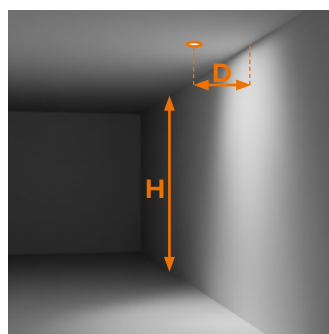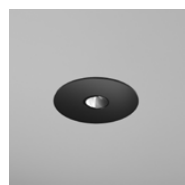
2

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
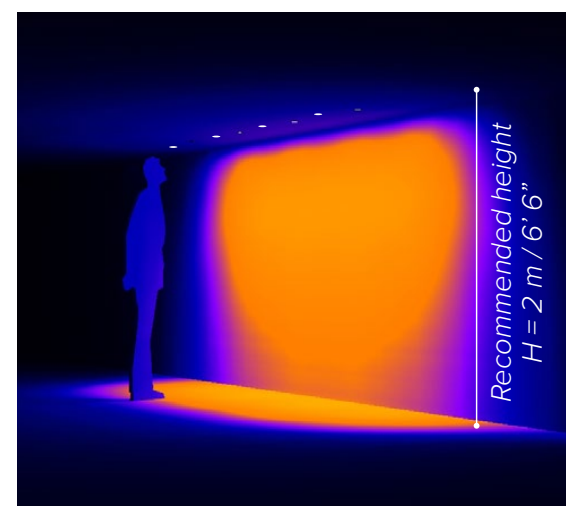
DOT IN LINE
4W, 220lm delivered

H 2 m 6' 6"	D_{MIN} 0,4 m 1' 4"	S_{MIN}	0,4 m 1' 4"
		S_{MAX}	0,8 m 2' 7"
	D_{MAX} 0,7 m 2' 2"	S_{MIN}	0,7 m 2' 2"
		S_{MAX}	1,3 m 4' 3"

DOT 45
4W, 220lm delivered

SEE PAGE 433

Recommended height
H = 2 m / 6' 6"

20lx	50lx	100lx	200lx

WALLWASHER OPTIONS

FOR DIFFERENT CEILING HEIGHTS

INSIDE 120 R
30W, 2440lm delivered

SEE PAGE 397

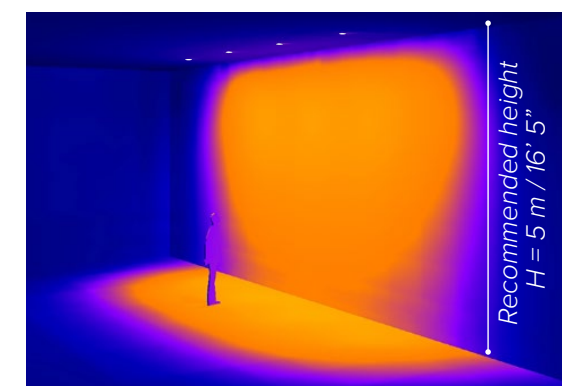**ATRIA X3 R**
30W, 2440lm delivered

SEE PAGE 469

Recommended height
H = 7 m / 22 12"

INSIDE 120 R
23W, 2025lm delivered

SEE PAGE 397

ATRIA X3 R
23W, 2025lm delivered

SEE PAGE 469

Recommended height
H = 5 m / 16' 5"

INSIDE 75 R
10W, 790lm delivered

SEE PAGE 383

ATRIA XS R
10W, 790lm delivered

SEE PAGE 447

Recommended height
H = 3 m / 9' 10"
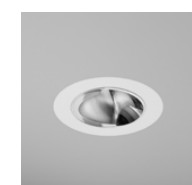
INSIDE 60 R
6W, 570lm delivered

SEE PAGE 377

ATRIA 60 P
6W, 570lm delivered

SEE PAGE 441

Recommended height
H = 2,5 m / 8' 2"
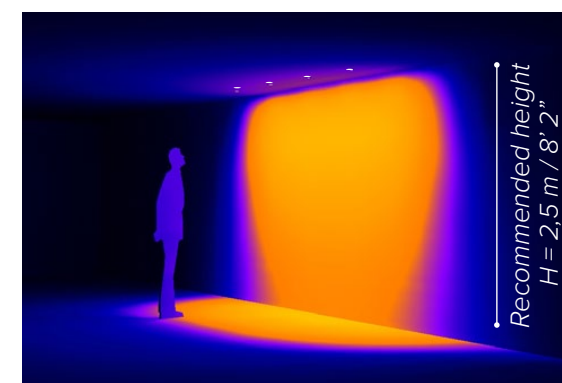
DOT 30
1,5W, 40lm delivered

SEE PAGE 427

Best for shelves
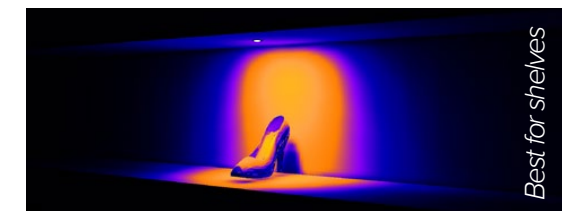
20lx	50lx	100lx	200lx

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.

DOT IN LINE

ORDER CODE

BASE CODE

64056

A . POWER SUPPLY

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

40 mm / 1.6"
20 mm / 0.8"

U   ETL listed 200/350 mA 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: **64056**	**2**	**5**	**5**	**2**	**B**	**A**	= **64056-2552BA**

D . FINISHES

symmetrical   *wallwasher*

2   black

6   white [1] RAL 9003

NO

[1] *WALLWASHER BEAM ONLY*

E . INGRESS PROTECTION

wallwasher

A   IP30

symmetrical

B   IP40

C   IP65

F . OUTPUT

A   4W (24V DC) 3W (200 mA)

B   7W (24V DC) 6W (350 mA)

DOT IN LINE IN

ORDER CODE

BASE CODE

64058

A . POWER SUPPLY

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

40 mm / 1.6"
20 mm / 0.8"

U   ETL listed 200/350 mA 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: **64058**	**2**	**5**	**5**	**2**	**B**	**A**	= **64058-2552BA**

D . FINISHES

2   black

6   white RAL 9003

E . INGRESS PROTECTION

B   IP40

C   IP65

F . OUTPUT

A   4W (24V DC) 3W (200 mA)

B   7W (24V DC) 6W (350 mA)

ACCESSORIES

REQUIRED ACCESSORIES - *NOT INCLUDED*

	code	output power	input voltage	frequency	IP	dimensions mm	through cut out
Power supply 24V DC*, ON/OFF max No. fixtures	69041	18W / max 2	198-264V	50-60Hz	IP20	L124xW42xH30	NO
	69054	60W / max 8	90-305V	47-63Hz	IP67	L162xW43xH32	NO
Power supply 24V DC*, DALI max No. fixtures	69204	20W / max 2	99-264V	50-60Hz	IP20	L103xW67xH21	NO
Power supply 24V DC*, 1-10V max No. fixtures	69212	20W / max 2	99-264V	50-60Hz	IP20	L103xW67xH21	NO

Class 2 power supply
200 mA
350 mA
ETL listed

Consult **B LIGHT North America**
Lighting Group Network
T: 212.775.6363
E: info@lightinggroupnetwork.com
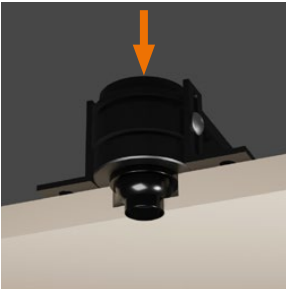
MOUNTING

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