

# DOT 45 <sup>NEW</sup>

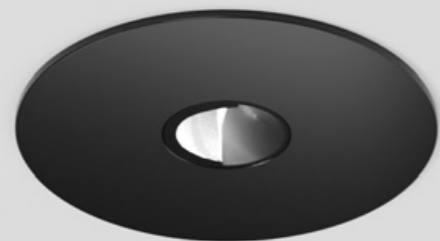


## SPECIFICATIONS

base code	64050
typology	Glare free compact downlight with symmetrical or asymmetrical (wallwasher + 25°) light distribution
mounting	In any material using springs (included)
diameter	45 mm / 1.8"
height	Symmetrical: 41 mm / 1.6" (4W) - 46 mm / 1.8" (7W) Asymmetrical: 26 mm / 1" (4W) - 31 mm / 1.2" (7W)
required depth	Symmetrical: max 46 mm / 1.8". Asymmetrical: max 31 mm / 1.2"
ceiling cut out	42 mm / 1.65"
construction	Fixture and flange: turning and milling aluminum. Reflector: polycarbonate complete with silicone gasket
finishes	Powder coated. 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	4W at 24V DC and 3W at 200 mA or 7W at 24V DC and 6W at 350 mA North America 3W at 200 mA or 6W at 350 mA 24V DC: Min / max operating voltage: 20V - 30V
lamp lumens	4W: 330lm - 7W: 660lm
delivered lumens	Symmetrical 4W: 135lm - 7W: 230lm. Asymmetrical 4W: 220lm - 7W: 340lm
lumen maintenance	50.000h L90
beam	16°, 36°, 55° or asymmetrical reflector (wallwasher + 25°)
kelvin	2700K CRI93 or 3000K CRI93 / 3 step MacAdam ellipse
special features	Protection against wrong connections - Two wires dimming. Thanks to the design of the reflector, the luminaire is totally glare free. 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 listed for wet location



SYMMETRICAL REFLECTOR



ASYMMETRICAL REFLECTOR: 25° AND WALLWASHER



## AVAILABLE OPTIONS FOR DIFFERENT CEILING HEIGHTS



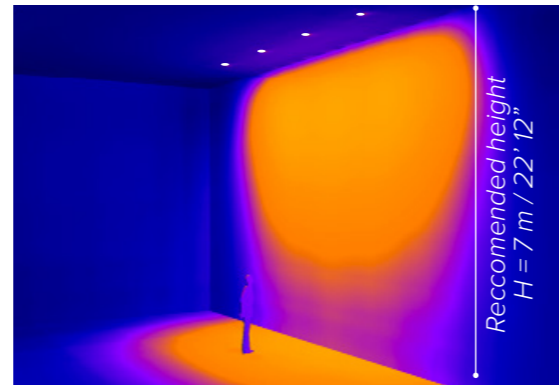
**ATLAS X3 R**  
30W, 2440lm delivered

SEE PAGE 461



**INSIDE 120 R**  
30W, 2440lm delivered

SEE PAGE 395



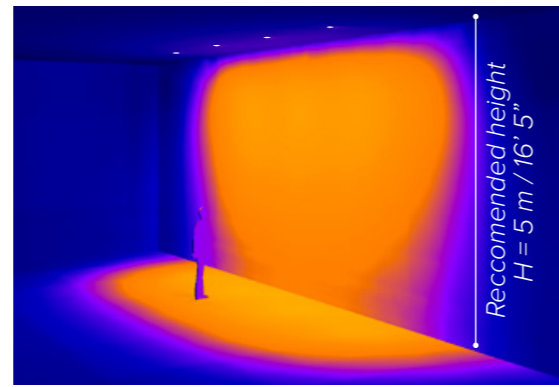
**ATLAS X3 R**  
23W, 2025lm delivered

SEE PAGE 461



**INSIDE 120 R**  
23W, 2025lm delivered

SEE PAGE 395



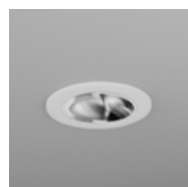
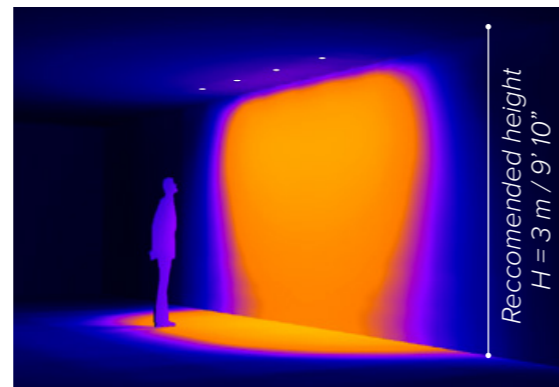
**ATRIA XS R**  
10W, 870lm delivered

SEE PAGE 439



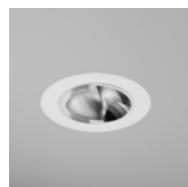
**INSIDE 75 R**  
10W, 870lm delivered

SEE PAGE 385



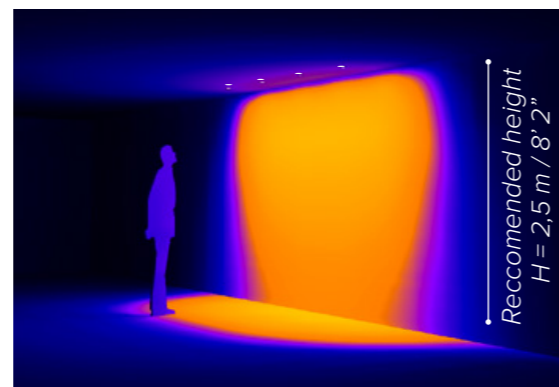
**ATRIA 60 P**  
6W, 570lm delivered

SEE PAGE 431



**INSIDE 60 R**  
6W, 570lm delivered

SEE PAGE 379



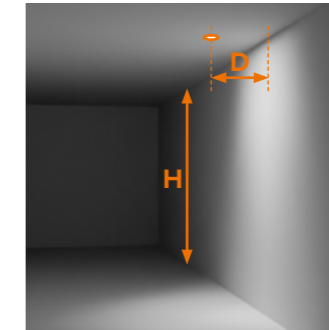
20lx 50lx 100lx 200lx

## INSTALLATION GUIDE FOR THE ASYMMETRICAL DOWNLIGHT (WALLWASHER + 25°)

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

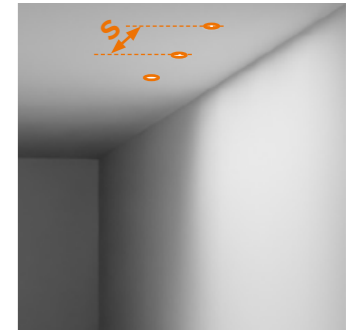
1

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



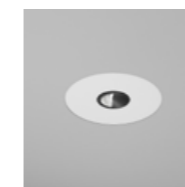
2

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



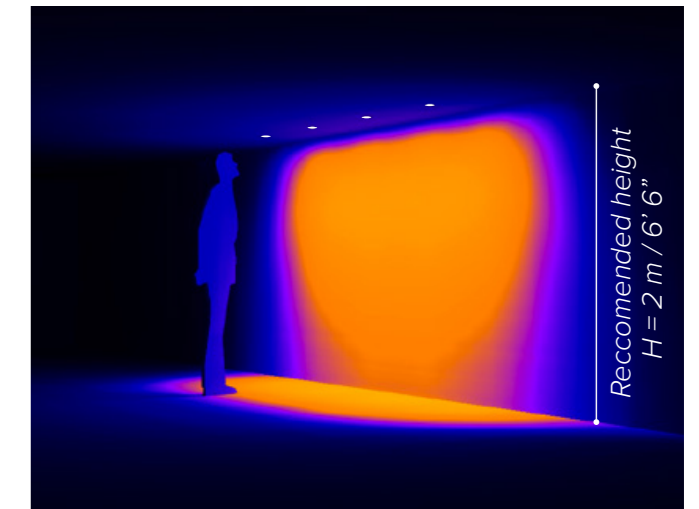
**DOT 45**  
4W, 220lm delivered

H 2 m 6' 6"	D <sub>MIN</sub> 0,4 m 1' 4"	S <sub>MIN</sub> 0,4 m 1' 4"
		S <sub>MAX</sub> 0,8 m 2' 7"
	D <sub>MAX</sub> 0,67 m 2' 2"	S <sub>MIN</sub> 0,67 m 2' 2"
		S <sub>MAX</sub> 1,3 m 4' 3"



**INSIDE 40 R**  
4W, 220lm delivered

SEE PAGE 371



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 45

## ORDER CODE

<b>BASE CODE</b>	<b>A . POWER SUPPLY</b>	<b>B . KELVIN</b>	<b>C . BEAM</b>
<b>64050</b>	<b>2</b> 24V DC power supply NOT included <b>L</b> 200/350 mA power supply NOT included <b>U</b> listed 200/350 mA power supply NOT included	<b>5</b> 3000K CRI93 <b>8</b> 2700K CRI93	<b>2</b> spot 16° <b>4</b> flood 36° <b>5</b> wide flood 55° <b>C</b> black asymmetrical
Example: <b>BASE CODE 64050 A 2 B 5 C 5 D 2 E A F A = 64050-2552AA</b>			
<b>D . FINISHES</b>	<b>E . OTHER</b>	<b>F . OUTPUT</b>	
<b>2</b> black RAL 9005 <b>6</b> white RAL 9003	<b>asymmetrical</b> <b>A</b> IP30 <b>symmetrical</b> <b>B</b> IP40 <b>C</b> IP65	<b>A</b> 4W (24V DC) 3W (200 mA) <b>B</b> 7W (24V DC) 6W (350 mA)	

## ACCESSORIES

### REQUIRED ACCESSORIES - NOT INCLUDED

	code	output power	input voltage / frequency	IP	dimensions mm
Power supply 24V DC* ON/OFF max No. fixtures	69041	20W / max 2	90-264V	50-60Hz	IP20 L146xW55xH19
Power supply 24V DC* DALI max No. fixtures	69204	20W / max 2	99-264V	50-60Hz	IP20 L103xW67xH21
Power supply 24V DC* 1-10V max No. fixtures	69212	20W / max 2	99-264V	50-60Hz	IP20 L103xW67xH21
Power supply 200 mA max No. fixtures	69121	ON/OFF, 8W / max 2	90-264V	50-60Hz	IP20 L115xW34xH19
	69122	1-10V, 10W / max 3	99-264V	50-60Hz	IP20 L111xW52xH22
	69123	DALI, 10W / max 3	198-264V	50-60Hz	IP20 L147xW44xH22
Power supply 350 mA max No. fixtures	69086	ON/OFF, 15W / max 2	90-264V	50-60Hz	IP20 L115xW34xH19
	69090	1-10V, 18W / max 2	99-264V	50-60Hz	IP20 L120xW52xH22
	69079	DALI, 17W / max 3	110-240V	50-60Hz	IP20 L120xW52xH22

Class 2 power supply 200/350 mA Consult **B LIGHT North America** Lighting Group Network  
 T: 212.775.6363  
 E: info@lightinggroupnetwork.com



ASYMMETRICAL REFLECTORS (WALLWASHER + 25°)