

DOT 45^{NEW}

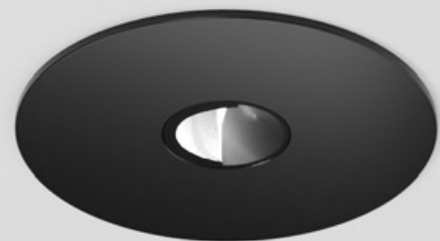
SPECIFICATIONS



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	40 mm / 1.57"
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, 48V DC and 3W at 200 mA or 7W at 24V DC, 48V DC and 6W at 350 mA 24V DC: Min / max operating voltage: 20V - 30V
lamp lumens	4W: 400lm - 7W: 700lm
delivered lumens	4W: 310lm - 7W: 520lm
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 approval pending



SYMMETRICAL REFLECTOR



ASYMMETRICAL REFLECTOR: 25° AND WALLWASHER



ASYMMETRICAL DOWNLIGHTS

AVAILABLE OPTIONS FOR DIFFERENT CEILING HEIGHTS



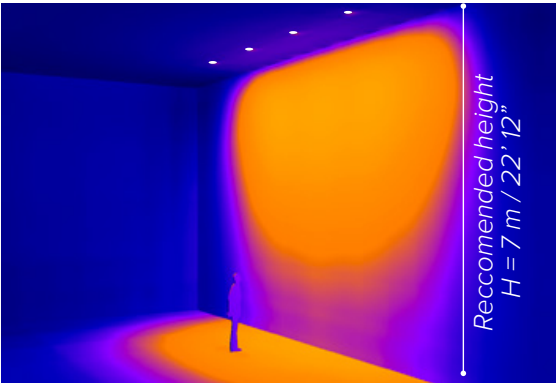
ATLAS X3 R
30W, 2440lm delivered

SEE PAGE 421



INSIDE 120 R
30W, 2440lm delivered

SEE PAGE 421



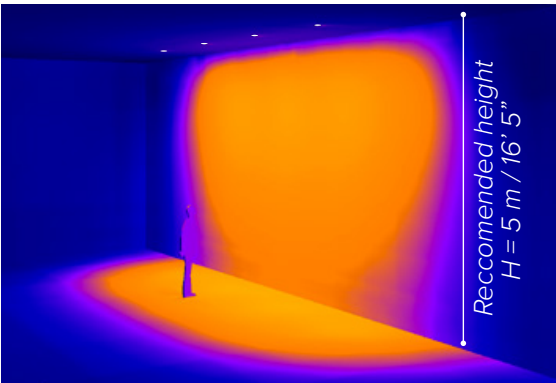
ATLAS X3 R
23W, 2025lm delivered

SEE PAGE 421



INSIDE 120 R
23W, 2025lm delivered

SEE PAGE 421



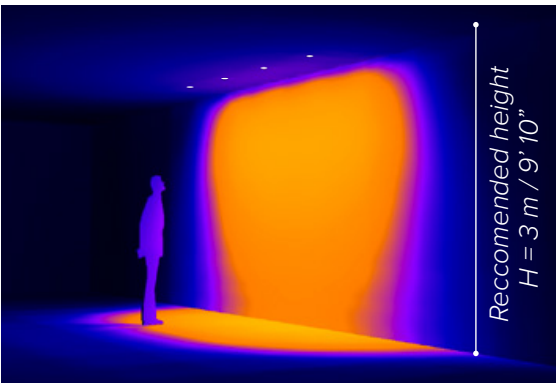
ATRIA XS R
10W, 870lm delivered

SEE PAGE 471



INSIDE 75 R
10W, 870lm delivered

SEE PAGE 415



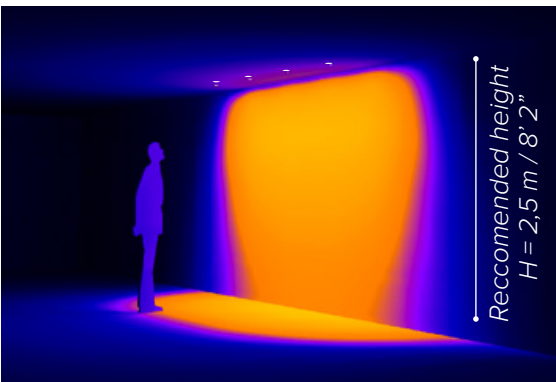
ATRIA 60 P
6W, 570lm delivered

SEE PAGE 389



INSIDE 60 R
6W, 570lm delivered

SEE PAGE 421



20lx 50lx 100lx 200lx

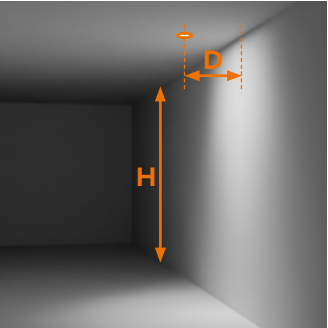
DOT 45

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 ($D \times 2$) from the wall



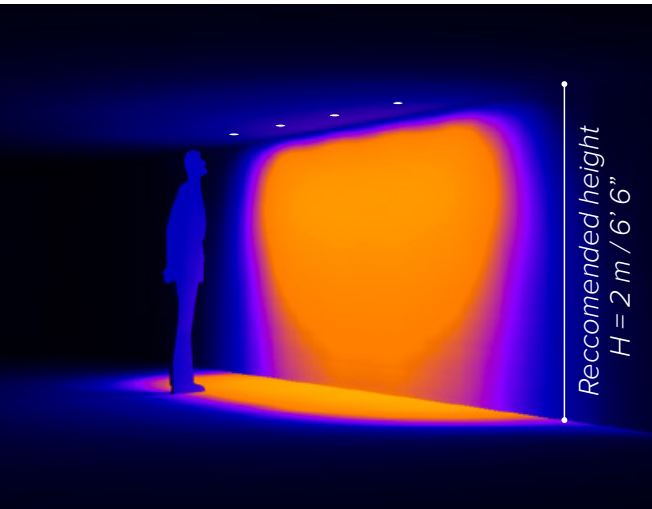
DOT 45
4W, 310lm delivered

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}	0,67 m 2' 2"	S _{MIN}	0,67 m 2' 2"
			S _{MAX}	1,3 m 4' 3"



INSIDE 40 R
4W, 310lm delivered

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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 REFLECTORS (WALLWASHER + 25°)

DOT 45



ORDER CODE

BASE CODE	A . POWER SUPPLY	B . KELVIN	C . BEAM
64050	848V DC power supply NOT included 224V DC power supply NOT included L200/350 mA power supply NOT included R listed 24V DC power supply NOT included U listed 200/350 mA power supply NOT included	53000K CRI93 82700K CRI93	2spot 16° 4flood 36° 5wide flood 55° Cblack asymmetrical
Example: BASE CODE 64050 A 2 B 5 C 5 D 2 E A F A = 64050-2552AA			

D . FINISHES	E . OTHER	F . OUTPUT
2black RAL 9005 6white RAL 9003	AIP30 asymmetrical only BIP40 symmetrical only CIP65 symmetrical only	A4W (24V / 48V DC) 3W (200 mA) B7W (24V / 48V DC) 6W (200 mA)

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

	code	output power	input voltage / frequency		IP	dimensions mm
Power supply 48V DC* ON/OFF	69180	30W	90-264V	47-63Hz	IP20	L160xW46xH30
	69181	40W	90-305V	47-63Hz	IP67	L163xW43xH32
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 24V DC 200/350 mA	Consult B LIGHT North America Lighting Group Network T: 212.775.6363 E: info@lightinggroupnetwork.com					