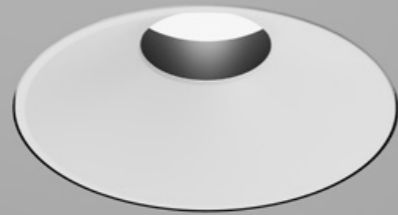


INSIDE 40 R ^{NEW}

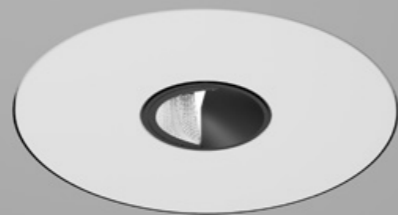


SPECIFICATIONS

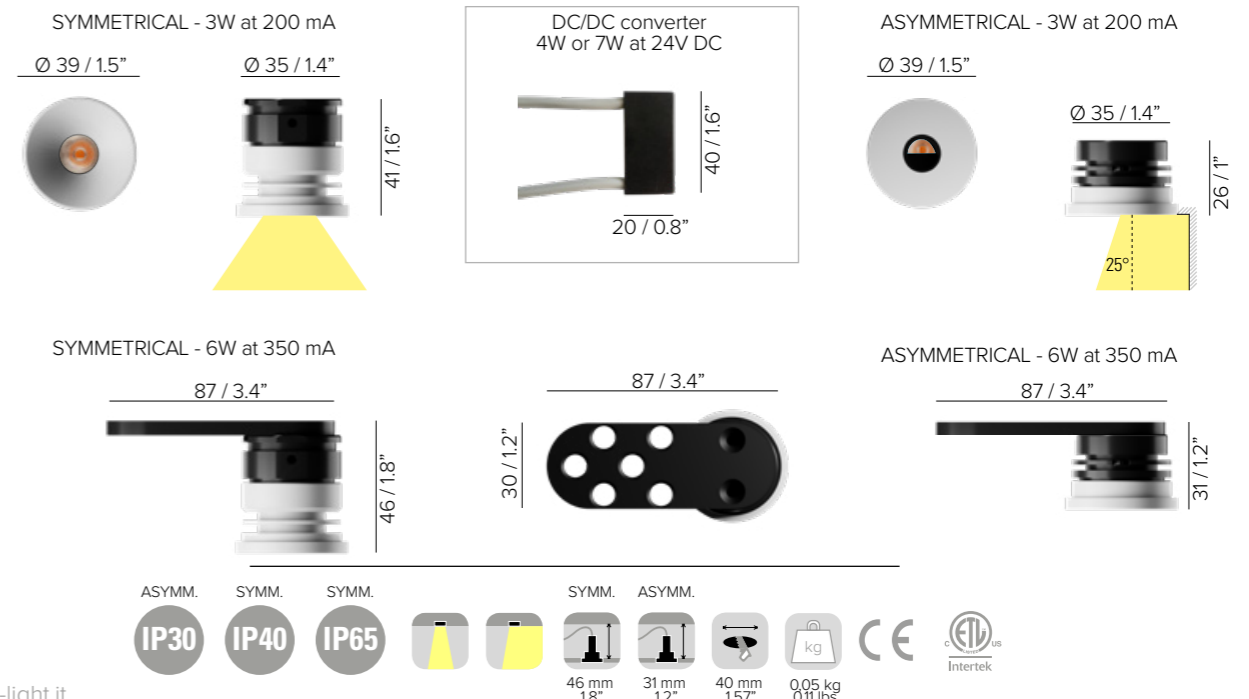
base code	64159
typology	Glare free compact trimless downlight with symmetrical or asymmetrical (wallwasher + 25°) light distribution
mounting	In plasterboard using mounting frame to be installed from below the ceiling and separately ordered. In wood or composite materials using mounting frame to be installed from above the ceiling and separately ordered
diameter	39 mm / 1.5"
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: 46 mm / 1.8". Asymmetrical: 31 mm / 1"
first fit requirement	Mounting frame for plasterboard (code 69537). Mounting frame for wood or composite materials (code 69375)
ceiling cut out	40 mm / 1.57"
construction	Fixture and mounting frame: turning and milling aluminum. Lens: PMMA. IP65 model: protective glass in PMMA 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: WALLWASHER + 25°



ASYMMETRICAL DOWNLIGHTS

AVAILABLE OPTIONS FOR DIFFERENT CEILING HEIGHTS



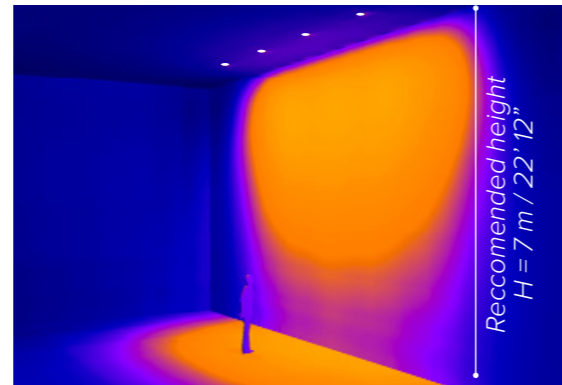
INSIDE 120 R
30W, 2440lm delivered

SEE PAGE 395



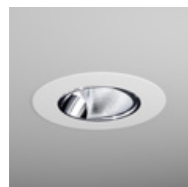
ATLAS X3 R
30W, 2440lm delivered

SEE PAGE 461



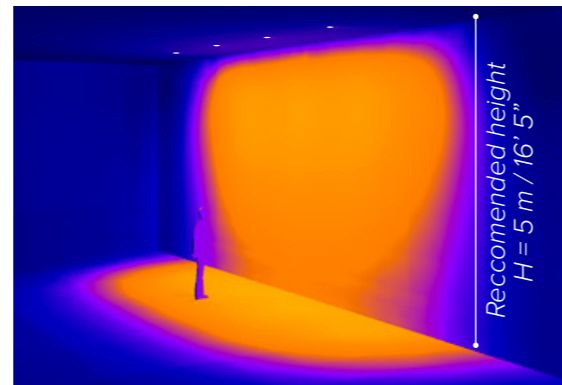
INSIDE 120 R
23W, 2025lm delivered

SEE PAGE 395



ATLAS X3 R
23W, 2025lm delivered

SEE PAGE 461



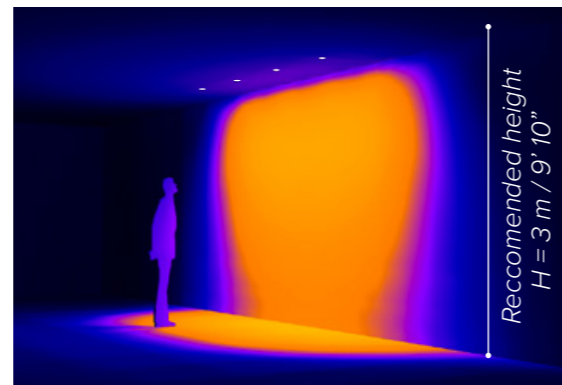
INSIDE 75 R
10W, 870lm delivered

SEE PAGE 385



ATRIA XS R
10W, 870lm delivered

SEE PAGE 439



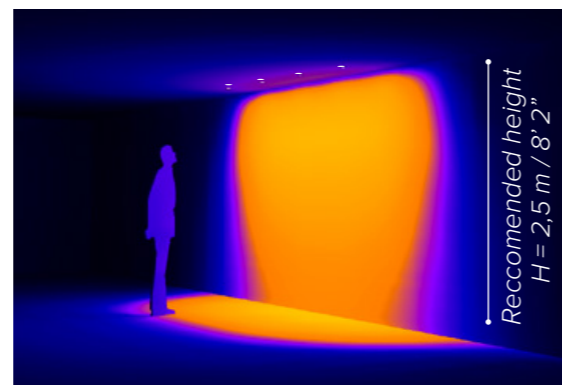
INSIDE 60 R
6W, 570lm delivered

SEE PAGE 379



ATRIA 60 P
6W, 570lm delivered

SEE PAGE 431



20lx 50lx 100lx 200lx

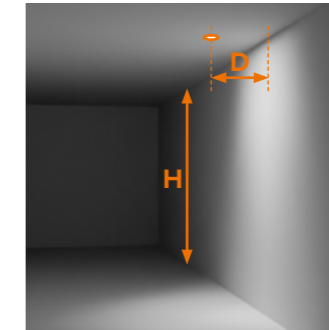
INSIDE 40 R

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

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

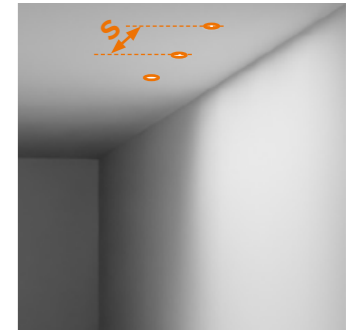
1

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



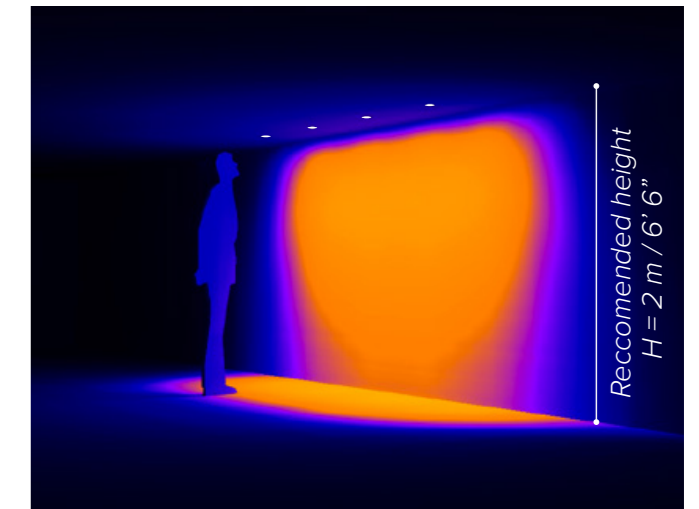
INSIDE 40 R
4W, 310lm delivered

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"
H 2 m 6' 6"	D _{MAX} 0,67 m 2' 2"	S _{MIN} 0,67 m 2' 2"
		S _{MAX} 1,3 m 4' 3"



DOT 45
4W, 220lm delivered

SEE PAGE 425



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.

INSIDE 40 R

ORDER CODE

BASE CODE	A . POWER SUPPLY	B . KELVIN	C . BEAM
64159	2 24V DC power supply NOT included L 200/350 mA power supply NOT included U listed 200/350 mA power supply NOT included	5 3000K CRI93 8 2700K CRI93	2 spot 16° 4 flood 36° 5 wide flood 55° C black asymmetrical




Example: **64159 2 5 5 2 A A = 64159-2552AA**

D . FINISHES	E . OTHER	F . OUTPUT
2 black RAL 9005 6 white RAL 9003	asymmetrical A IP30 symmetrical B IP40 C IP65	A 4W (24V DC) 3W (200 mA) B 7W (24V DC) 6W (350 mA)

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

code	description	dimensions mm
69537	height adjustable mounting frame from 5 to 22 mm / 0.2" to 0.9" for millwork (mounting from above the ceiling)	Ø70xH20
69375	mounting frame for plasterboard (mounting from below the ceiling)	Ø40xH13
69594	suction cup for asymmetrical downlight	Ø30xH45
69041	20W / max 2 90-264V 50-60Hz IP20	L146xW55xH19
69054	60W / max 8 90-305V 47-63Hz IP67	L162xW43xH32
69204	20W / max 2 99-264V 50-60Hz IP20	L103xW67xH21
69212	20W / max 2 99-264V 50-60Hz IP20	L103xW67xH21
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
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

Power supply 24V DC* ON/OFF max No. fixtures
Power supply 24V DC* DALI max No. fixtures
Power supply 24V DC* 1-10V max No. fixtures
Power supply 200 mA max No. fixtures
Power supply 350 mA max No. fixtures
Class 2 power supply 200/350 mA

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



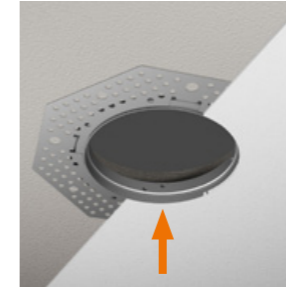
ASYMMETRICAL REFLECTORS (WALLWASHER + 25°) AND SYMMETRICAL REFLECTORS (36°)

INSIDE 40 R

MOUNTING

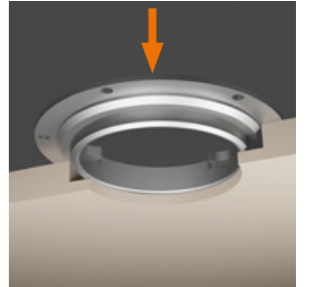
MOUNTING FRAME FOR PLASTERBOARD

1 MOUNTING FRAME
CODE 69537
Fixed from below



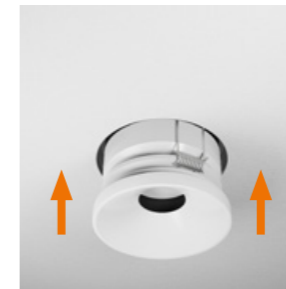
MOUNTING FRAME FOR MILLWORK

1 MOUNTING FRAME
CODE 69375
Fixed from above



INSIDE 40 R SYMMETRICAL

2 LUMINAIRE MOUNTED FROM BELOW THE CEILING
Using springs



INSIDE 40 R ASYMMETRICAL

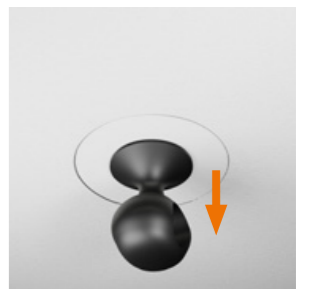
2 LUMINAIRE MOUNTED FROM BELOW THE CEILING
Using springs



3 MAINTENANCE
Remove luminaire by pulling the hex key



3 MAINTENANCE
Remove luminaire by pulling the suction cup



SYMMETRICAL REFLECTOR (36°)