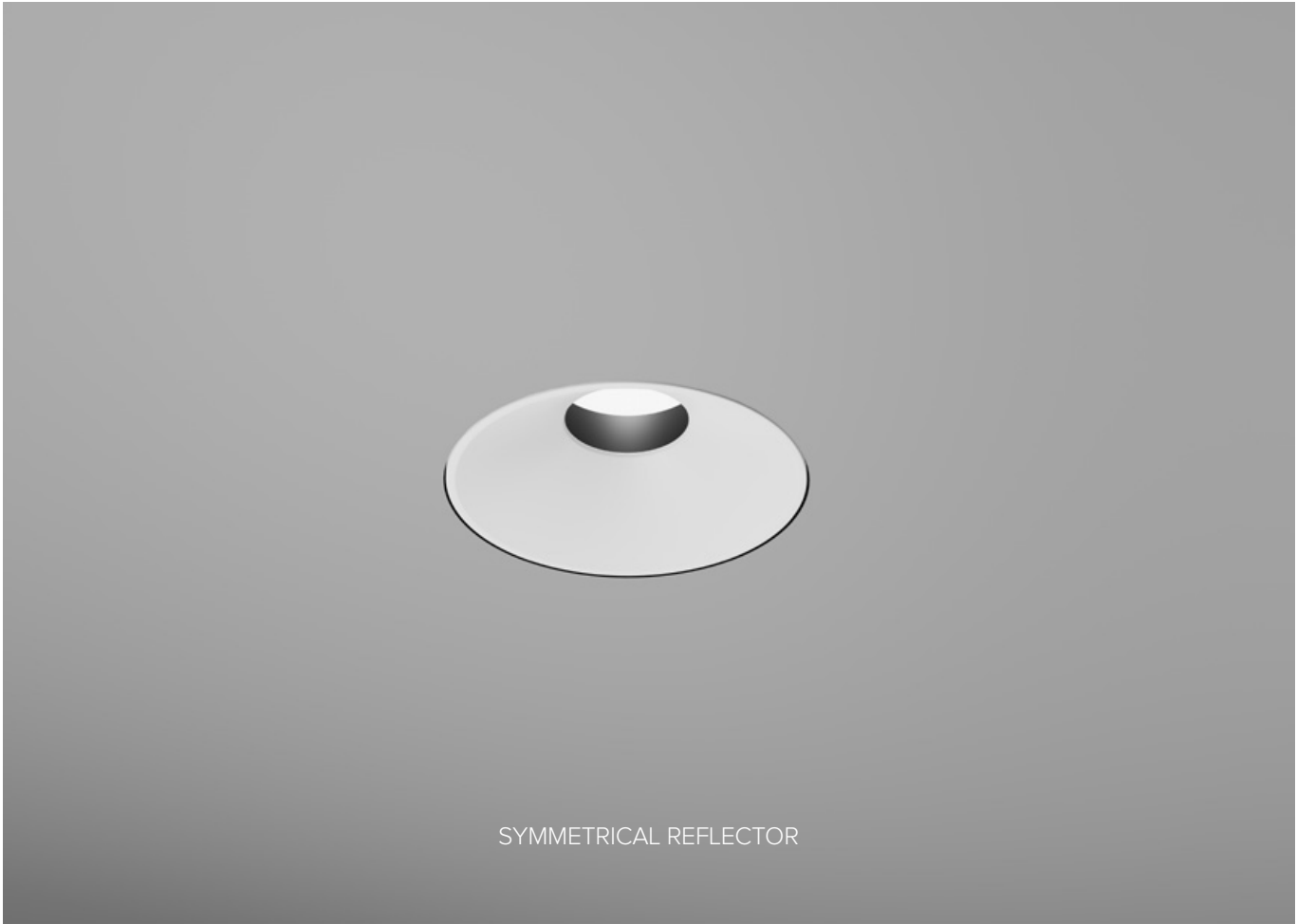


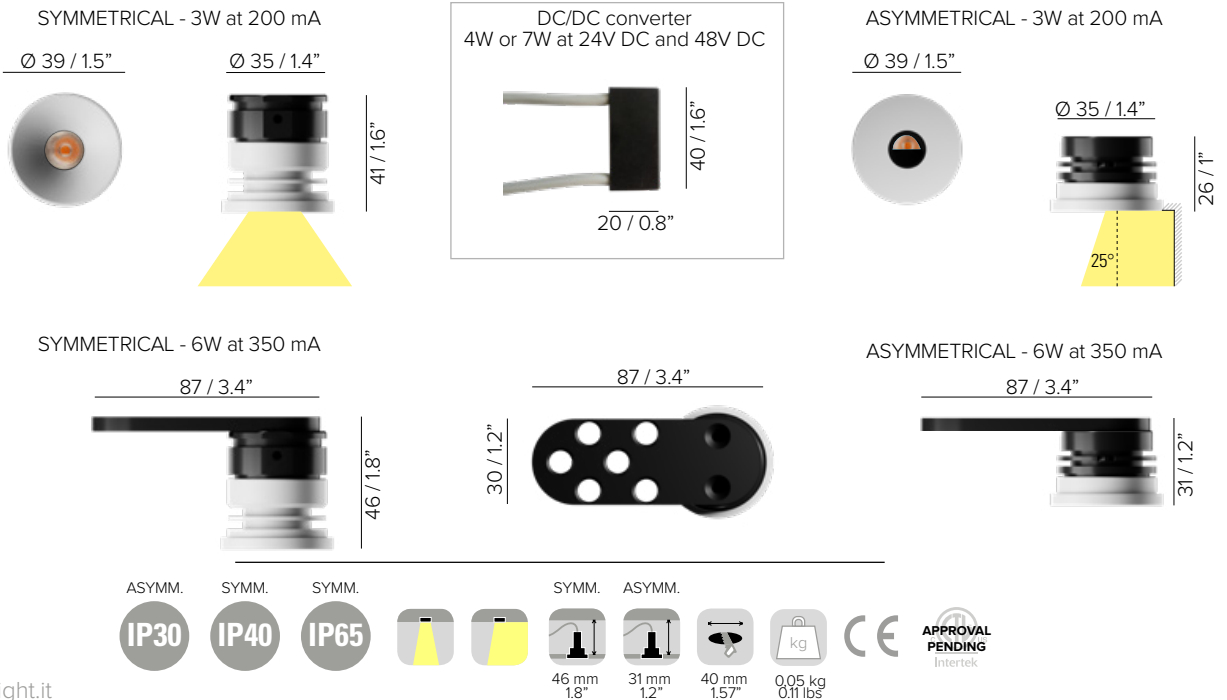


INSIDE 40 R

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, 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



ASYMMETRICAL DOWNLIGHTS

AVAILABLE OPTIONS FOR DIFFERENT CEILING HEIGHTS



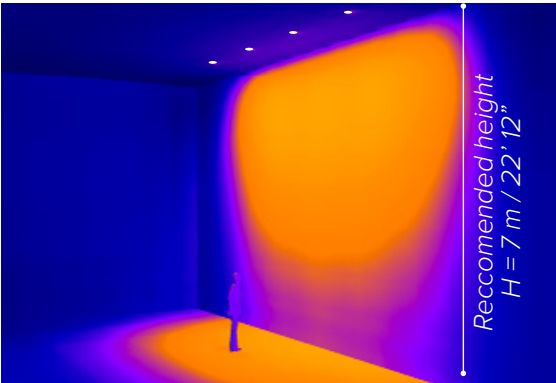
INSIDE 120 R
30W, 2440lm delivered

SEE PAGE 421



ATLAS X3 R
30W, 2440lm delivered

SEE PAGE 421



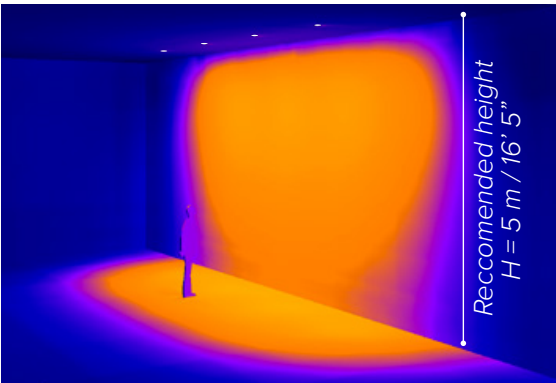
INSIDE 120 R
23W, 2025lm delivered

SEE PAGE 421



ATLAS X3 R
23W, 2025lm delivered

SEE PAGE 421



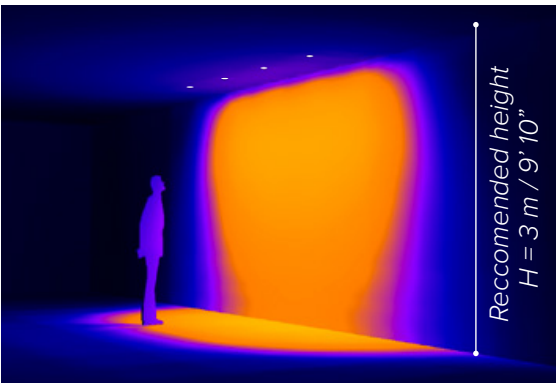
INSIDE 75 R
10W, 870lm delivered

SEE PAGE 471



ATRIA XS R
10W, 870lm delivered

SEE PAGE 415



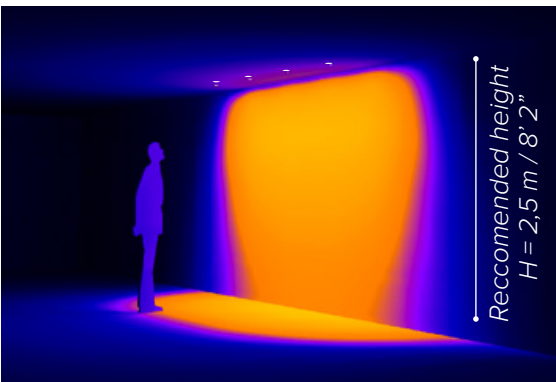
INSIDE 60 R
6W, 570lm delivered

SEE PAGE 421



ATRIA 60 P
6W, 570lm delivered

SEE PAGE 389



20lx

50lx

100lx

200lx

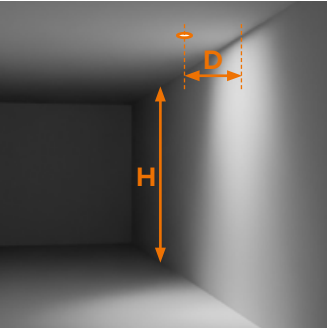
INSIDE 40 R

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 ($D \times 2$) from the wall



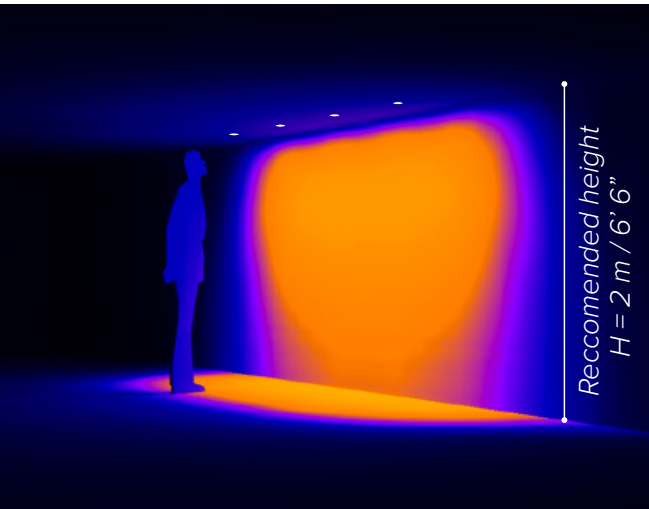
INSIDE 40 R
4W, 310lm delivered

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"
	D_{MAX}	0,67 m 2' 2"	S_{MIN}	0,67 m 2' 2"
			S_{MAX}	1,3 m 4' 3"



DOT 45
4W, 310lm delivered

SEE PAGE 471



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°) AND SYMMETRICAL REFLECTORS (36°)

INSIDE 40 R

ORDER CODE

BASE CODE		A . POWER SUPPLY		B . KELVIN		C . BEAM	
64159		8	48V DC power supply NOT included	5	3000K CRI93	2	spot 16° 
		2	24V DC power supply NOT included	8	2700K CRI93	4	flood 36° 
		L	200/350 mA power supply NOT included			5	wide flood 55° 
		R	 listed 24V DC power supply NOT included			C	black asymmetrical 
		U	 listed 200/350 mA power supply NOT included				
Example: BASE CODE		A	B	C	D	E	F
64159		2	5	5	2	A	A
		= 64159-2552AA					
D . FINISHES		E . OTHER		F . OUTPUT			
2	black RAL 9005 	A	IP30 asymmetrical only	A 4W (24V / 48V DC) 3W (200 mA) 			
6	white RAL 9003 	B	IP40 symmetrical only	B 7W (24V / 48V DC) 6W (350 mA) 			
		C	IP65 symmetrical only				



SYMMETRICAL REFLECTOR (36°)

INSIDE 40 R

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED



Power supply
48V DC*
ON/OFF

Power supply
200 mA
max No. fixtures

Power supply
350 mA
max No. fixtures

Class 2 power supply
24V DC
200/350 mA

code	description	dimensions mm
69375	height adjustable mounting frame from 5 to 22 mm / 0.2" to 0.9" (mounting from above the ceiling)	Ø70xH20
69537	mounting frame for plasterboard (mounting from below the ceiling)	Ø40xH13
69594	suction cup for asymmetrical downlight	Ø30xH45

code	output power	input voltage / frequency		IP	dimensions mm
69180	30W	90-264V	47-63Hz	IP20	L160xW46xH30
69181	40W	90-305V	47-63Hz	IP67	L163xW43xH32
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

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

MOUNTING

INSIDE 40 R
SYMMETRICAL

INSIDE 40 R
ASYMMETRICAL

- 1 MOUNTING IN
PLASTERBOARD
FROM BELOW THE
CEILING
Mounting frame code
69357



- 2 MOUNTING ON
WOOD OR COMPOSITE
MATERIALS FROM
ABOVE THE CEILING
Mounting frame code
69537



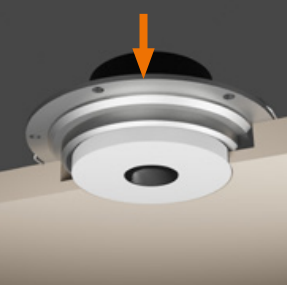
- 3 MAINTENANCE
Remove fixture
by pulling the hex key



- 1 MOUNTING IN
PLASTERBOARD
FROM BELOW THE
CEILING
Mounting frame code
69357



- 2 MOUNTING ON
WOOD OR COMPOSITE
MATERIALS FROM
ABOVE THE CEILING
Mounting frame code
69537



- 3 MAINTENANCE
Remove fixture
by pulling the suction
cup

