



# ATRIA XS R <sup>NEW</sup>



## SPECIFICATIONS

base code	66096
typology	Glare free downlight with recessed trim and symmetrical or asymmetrical (wallwasher and downlight) light distribution
mounting	In plasterboard using springs (included)
diameter	78 mm / 3.07"
height	Downlight: 105 mm / 4.13". Asymmetrical downlight: 78 mm / 3.07"
required depth	Downlight: 120 mm / 4.72". Asymmetrical downlight: 100 mm / 3.93"
ceiling cut out	67 mm / 2.64"
construction	Fixture and flange: turning and milling aluminum. Reflector: polycarbonate. Protective glass in PMMA or softening glass complete with silicone gasket
finishes	Powder coated. Heat sink anodized
ingress protection	IP30, IP44 or IP66. North America dry, damp or wet location
lamp type	COB. Remote power supply not included
lamp wattage	10W at 500mA. <b>Vf 17,8V DC.</b> Dynamic white: Maximum wattage 10W (CH1 + CH2 max 10W, one channel max 10W)
lamp lumens	980lm
delivered lumens	IP30: 850lm (30°) - 930lm (50°) - 970lm (70°) - 790lm (asymmetrical) IP44 / IP66: 760lm (30°) - 840lm (50°) - 870lm (70°) - 710lm (asymmetrical)
lumen maintenance	50.000h L90
beam	30°, 50°, 70° or asymmetrical reflector (25° and wallwasher)
kelvin	2200K CRI80, 2700K CRI93, 3000K CRI93, 4000K CRI93 / 3 step MacAdam ellipse or Dynamic white (1800K - 4000K) CRI93
special features	Safe wiring - Two wires dimming. Designed with symmetrical and asymmetrical reflectors, delivers glare free homogeneous light. UGR<10 (30°), UGR<19 (50°), UGR<25 (70°). 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
listings	CE, ETL listed for wet location





ASYMMETRICAL REFLECTOR: 25° AND WALLWASHER

# ATRIA XS R

## POSITIONING GUIDE FOR THE ASYMMETRICAL DOWNLIGHT

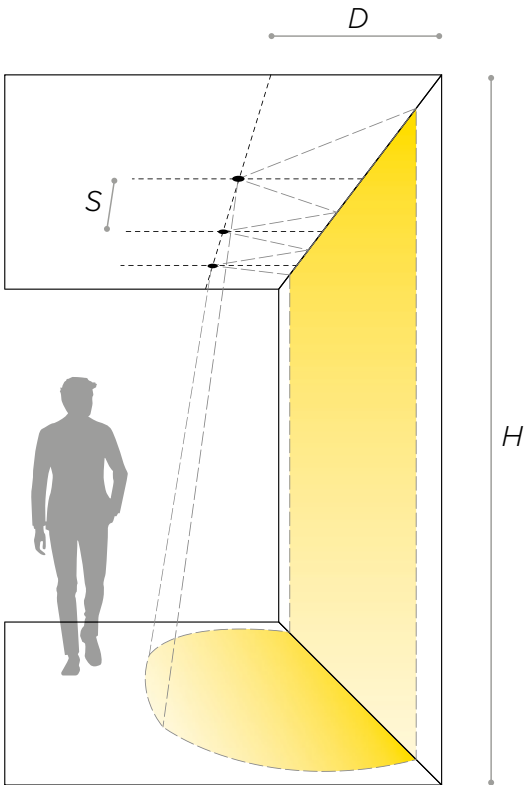
Because every lighting project is different, use the guide below as a starting point for your lighting design.

To further test the desired effect on your project, use the **photometric files** available on B LIGHT's website.

For good uniformity of light on the wall, **the spacing (S)** between two luminaires shall be **less than twice the distance (D) from the wall**

Example

H	2500 mm / 98"	D <sub>MIN</sub>	500 mm / 20"	S <sub>MIN</sub>	500 mm / 20"
		D <sub>MAX</sub>	800 mm / 33"	S <sub>MAX</sub>	1600 mm / 63"
H	3000 mm / 118"	D <sub>MIN</sub>	600 mm / 24"	S <sub>MIN</sub>	600 mm / 24"
		D <sub>MAX</sub>	1000 mm / 39"	S <sub>MAX</sub>	2000 mm / 79"
H	4000 mm / 197"	D <sub>MIN</sub>	800 mm / 31"	S <sub>MIN</sub>	800 mm / 31"
		D <sub>MAX</sub>	1300 mm / 52"	S <sub>MAX</sub>	2600 mm / 103"



$D = \text{Minimum } H / 5, \text{ maximum } H / 3$   
 $S = \text{Minimum } D \times 1, \text{ maximum } D \times 2$





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ACCESSORIES

BASE CODE

66096

A . POWER SUPPLY

- L 500 mA EXCL. power supply
- U  listed 500 mA EXCL. power supply

B . KELVIN

- 4 4000K CRI93
- 5 3000K CRI93
- 8 2700K CRI93
- D 2200K CRI93<sup>1</sup>
- 7 dynamic white 1800K - 4000K CRI93

<sup>1</sup>with filter glass

C . BEAM

- 4 30°
- 5 50°
- 8 70°
- A chrome asymmetrical
- C black asymmetrical



BASE CODE

Example: 66096 A B C D E L 8 A 6 C = 66096-L8A6C

D . FINISHES

- 2 black RAL 9005



- 6 white RAL 9003



E . OTHER

- A IP30
- B IP44 (with clear glass)
- C IP66 (with clear glass)

ASYMMETRICAL



chrome

SYMMETRICAL



chrome

IP44 / IP66 - SYMMETRICAL



with clear glass



with softening glass  
to be separately ordered as accessory

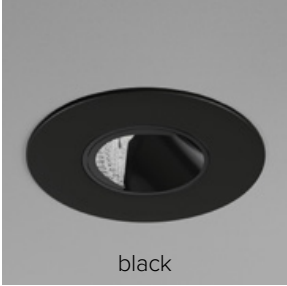
IP44 / IP66 - ASYMMETRICAL



with clear glass



with softening glass  
to be separately ordered as accessory



black

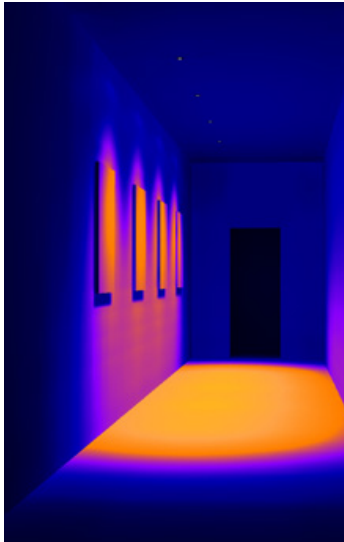
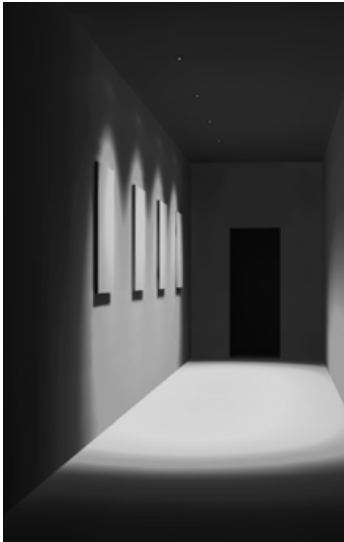


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## APPLICATIONS

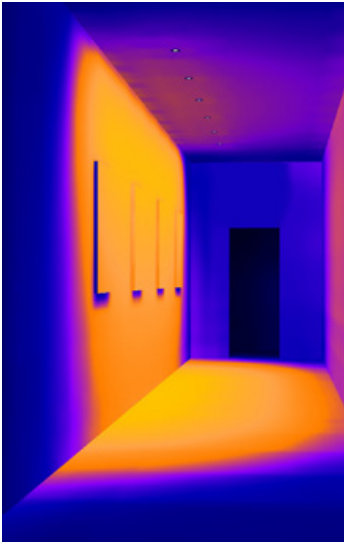
### IP30 / IP44 - DRY OR DAMP LOCATION

#### CONVENTIONAL DOWNLIGHTS



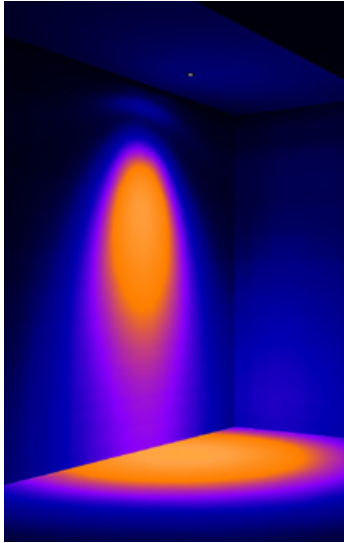
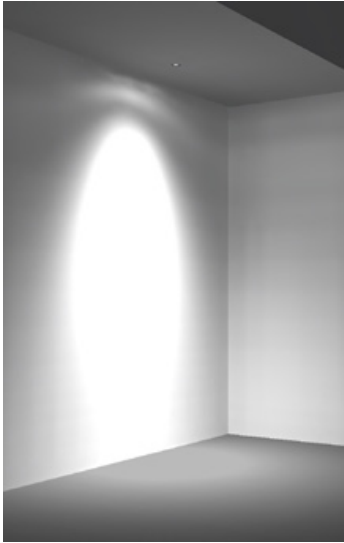
20lx 50lx 100lx 200lx

#### ASYMMETRICAL REFLECTOR (25° AND WALLWASHER)



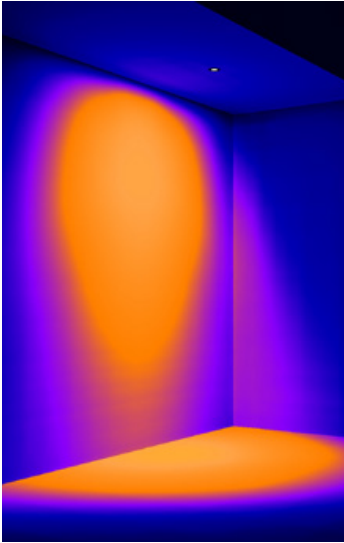
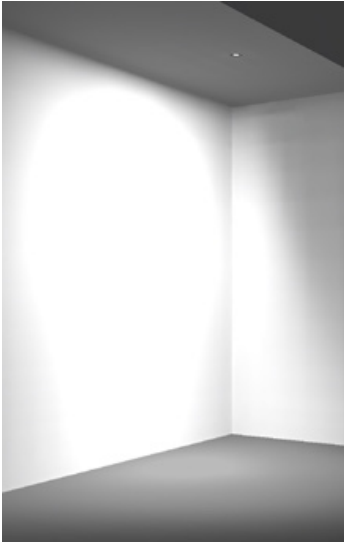
20lx 50lx 100lx 200lx

#### CONVENTIONAL DOWNLIGHTS



20lx 50lx 100lx 200lx

#### ASYMMETRICAL REFLECTOR (25° AND WALLWASHER)



20lx 50lx 100lx 200lx

# ATRIA XS R

## ACCESSORIES

### REQUIRED ACCESSORIES - NOT INCLUDED

Power supply  
500 mA  
max No. fixtures

code	output power	input voltage / frequency	IP	dimensions mm
69109	ON/OFF, 10W / max 1	198-264V	50-60Hz IP20	L100xW43XH23
69091	1-10V, 20W / max 2	99-264V	50-60Hz IP20	L120xW52XH22
69080	DALI, 20W / max 2	220-240V	50-60Hz IP20	L120xW52XH22
69206	DALI, 24W / max 2	99-264V	50-60Hz IP67	L122xW54XH26

Power supply for  
Dynamic white  
500 mA  
max No. fixtures

69119	DALI DT8, 25W / max 2	198-264V	50-60Hz IP20	L123xW79XH30
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Class 2 power supply  
500 mA

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

Power supply selection		
DC MIN Output (Vf)	LED < 17,8V DC (Vf)	DC MAX Output (Vf)

### OPTIONAL ACCESSORIES

69878	69879
Ø 59	Ø 46

code	description	dimensions mm
69878	softening glass symmetrical reflector	Ø59xH3
69879	softening glass asymmetrical reflector	Ø46xH3