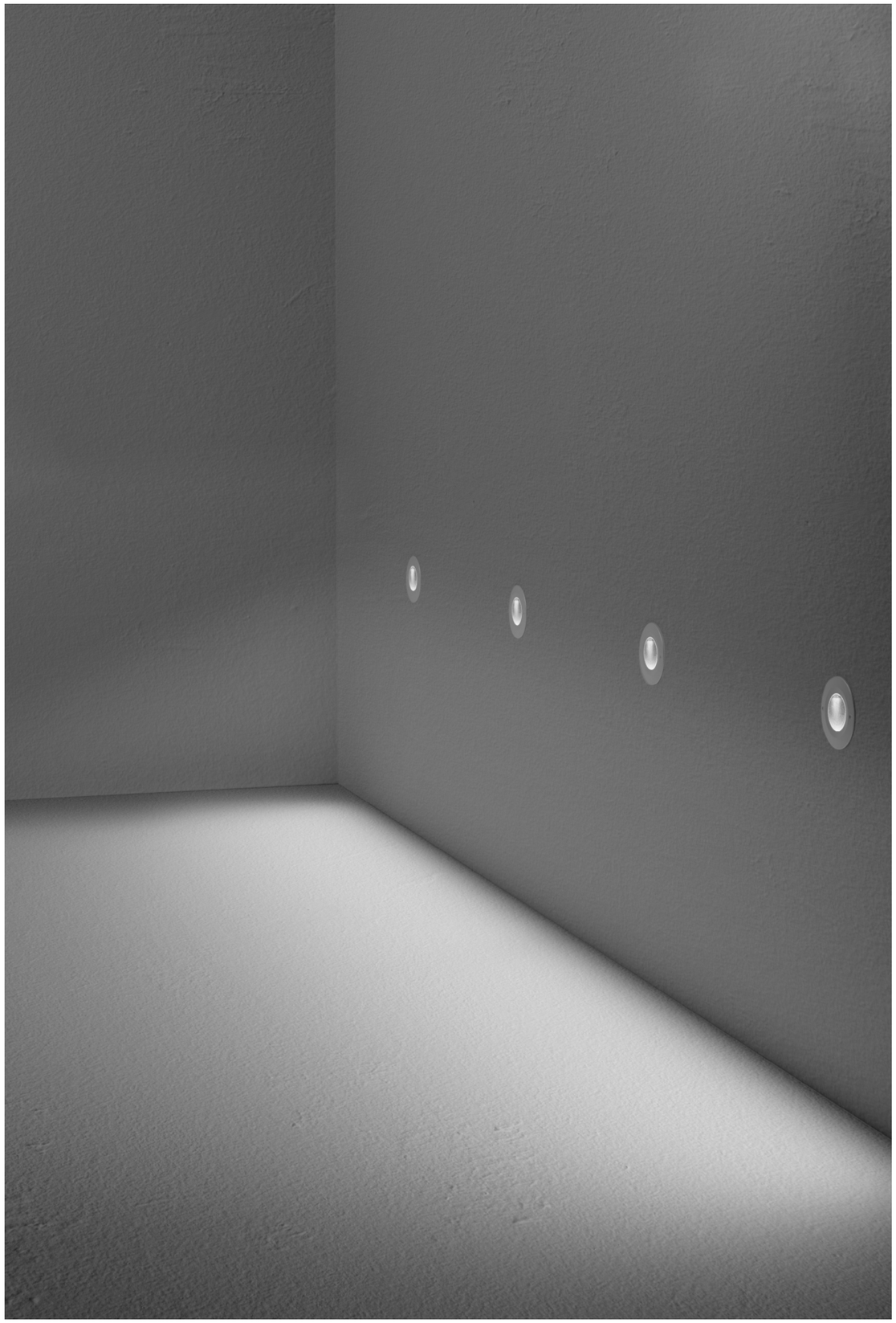
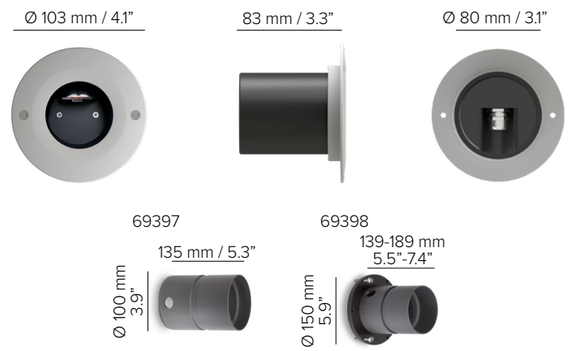


ATRIA FW

SPECIFICATIONS

base code	66129
typology	Wall mounting glare free floorwasher with trim
mounting	In concrete using housing box (code: 69397 or 69398) to be separately ordered as accessory
diameter	103 mm / 4.1”
height	83 mm / 3.3”
required depth	Depending on housing box
first fit requirement	Yes, separate housing box: code 69397 or code 69398 (adjustable height)
surface cut out	100 mm / 3.94”
construction	Fixture and flange: turning and milling aluminum. Reflector: polycarbonate Protective glass or PMMA complete with silicone gasket. Housing box: PVC
finishes	Powder coated
ingress protection	IP66. North America wet location
lamp type	LED array on printed circuit board. Remote power supply not included
lamp wattage	8W at 48V DC. North America: 8W at 24V DC
lamp lumens	720lm
delivered lumens	530lm
lumen maintenance	50.000h L90
beam	Asymmetrical: 5° - 75° towards the floor
kelvin	2200K CRI80, 2200K CRI90, 2700K CRI93, 3000K CRI93 and 4000K CRI93 / 3 step MacAdam ellipse
special features	48V DC: unpolarized electronic system. 24V DC: reverse polarity protection. Thermal Sensor. Safe wiring. Two wires dimming. Thanks to the design of the reflector, the luminaire is totally glare free and delivers homogenous light from the lower edge of the wall 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



IP66 100 mm 3.94” 0,55 kg 1.2 lbs

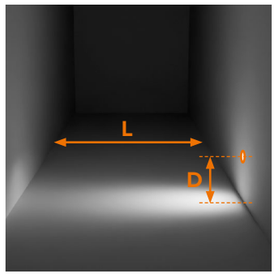
ATRIA FW

INSTALLATION GUIDE

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

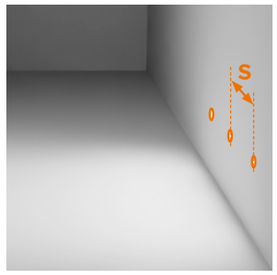
1

The **distance from the floor D** shall be L / 5



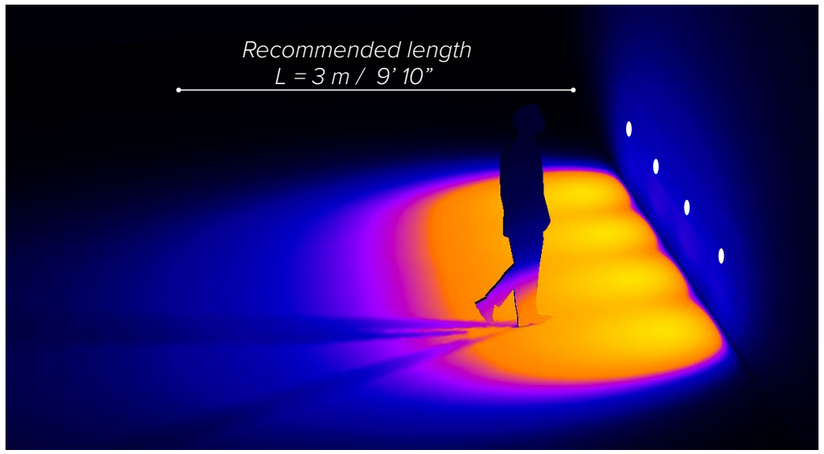
2

The **spacing between luminaires S** shall be the **D x 0,8**



Example

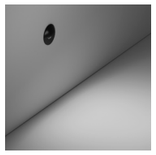
L	3 m / 9' 10"	**D**	L / 5 = 0,6 m / 24"
		S	D x 0,8 = 0,5 m / 20"



20lx 50lx 100lx 200lx

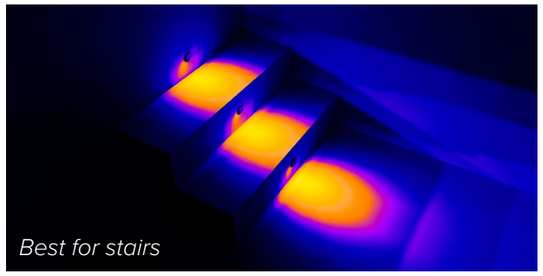
FLOORWASHER OPTIONS

AVAILABLE OPTIONS FOR DIFFERENT FLOOR DEPTHS



DOT 30 FW
1W, 25lm delivered

SEE PAGE 483



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.

ATRIA FW

ORDER CODE

BASE CODE

66129

A . POWER SUPPLY

- **8** 48V DC power supply NOT included
- **R** ETL listed 24V DC power supply NOT included

B . KELVIN

- **4** 4000K CRI93
- **5** 3000K CRI93
- **8** 2700K CRI93
- **D** 2200K CRI90 *NORTH AMERICA ONLY*
- **I** 2200K CRI80

C . BEAM

- **W** Floorwasher

	BASE CODE	A	B	C	D	
Example:	**66129**	**8**	**8**	**W**	**6**	= **66129-88W6**

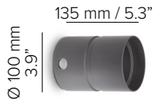
D . FINISHES

- **A** grey *RAL 9006*
- **6** white *RAL 9003*

ACCESSORIES

REQUIRED ACCESSORIES - *NOT INCLUDED*

69397



69398

code	description	dimensions mm
69397	housing box for concrete	Ø100xH135
69398	adjustable housing box for concrete	Ø150xH139-189

	code	output power	Input voltage	frequency	IP	dimensions mm
Power supply 48V DC, 1-10V[1] or ON/OFF* ambient temperature up to 60° C	69185	40W	90-305V	47-63Hz	IP67	L171xW62xH37
	69186	60W	90-305V	47-63Hz	IP67	L171xW62xH37
	69187	100W	90-305V	47-63Hz	IP67	L220xW68xH39
Power supply 48V DC, DALI[1] ambient temperature up to 60° C	69195	75W	100-305V	47-63Hz	IP67	L180xW63xH36
	69196	100W	100-305V	47-63Hz	IP67	L199xW63xH36
Power supply 48V DC, 1-10V and DALI	69096	55W	99-264V	50-60Hz	IP20	L129xW76xH30
Power supply 48V DC, 0-10V	69097	120W	90-305V	47-63Hz	IP67	L191xW63xH38

[1] for a perfect dimming, it is necessary that the power supply is saturated to 100%

Class 2 power supply 24V DC
ETL listed

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

*To choose the power supply, always add a spare 20% as safety margin.
See pag 509 for cable size and max wiring distance from power supply to last connected luminaire