



INSIDE 75 R

SPECIFICATIONS

base code	64144
typology	Glare free trimless downlight with symmetrical or wallwasher light distribution
mounting	In plasterboard or millwork using mounting frame to be separately ordered
aperture	75 mm / 3"
height	Fixed: 105 mm / 4.1". Wallwasher: 78 mm / 3.1"
required depth	Fixed: 120 mm / 4.7". Wallwasher: 100 mm / 3.9"
first fit requirement	Yes, separate mounting frame. Mounting frame for plasterboard 13 mm / 0.5" (code 69372). Mounting frame for plasterboard US market (code 69541). Mounting frame for millwork (code 69388)
ceiling cut out	Plasterboard: 80 mm / 3.15" (US Market: 90 mm / 3.54"). Millwork: 75 mm / 2.95"
construction	Fixture and mounting frame: turning and milling aluminum. Reflector: polycarbonate. Protective glass in PMMA or softening glass
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. Vf 17,8V DC. Tunable white: maximum wattage 10W (CH1 + CH2 max 10W, one channel max 10W)
lamp lumens	1150lm
delivered lumens	IP30: 850lm (30°) - 930lm (50°) - 970lm (70°) - 790lm (wallwasher) IP44 / IP66: 760lm (30°) - 840lm (50°) - 870lm (70°) - 710lm (wallwasher)
lumen maintenance	50.000h L90
beam	30°, 50°, 70° or wallwasher (downlight 25° and wallwasher)
kelvin	2700K CRI93, 3000K CRI93, 4000K CRI93 / 3 step MacAdam ellipse or Tunable white (1800K - 4000K) CRI93
special features	Safe wiring. Two wires dimming. Designed to deliver glare free homogeneous light. UGR<10 (30°), UGR<19 (50°), UGR<25 (70°). The wallwasher 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

SYMMETRICAL

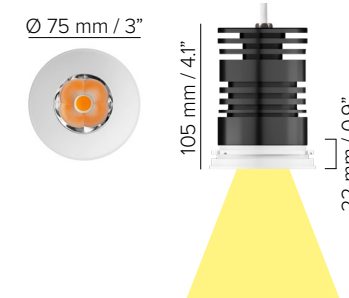


WALLWASHER

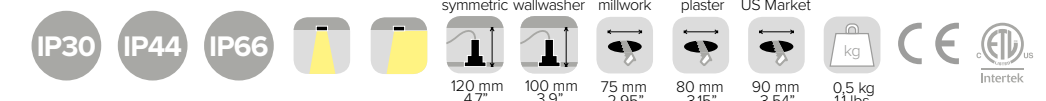
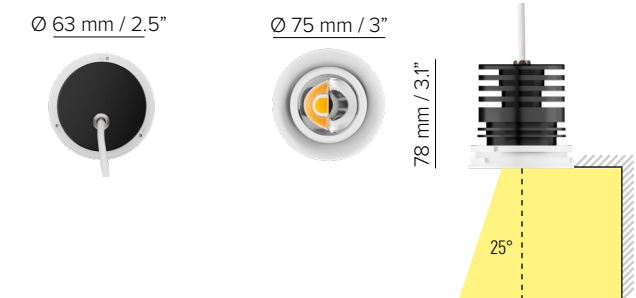


WALLWASHER
NORTH AMERICA

SYMMETRICAL



WALLWASHER



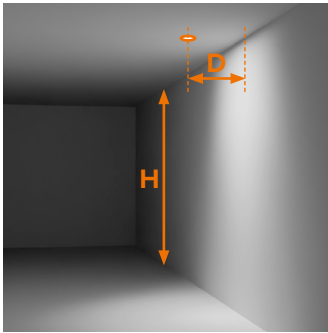
INSIDE 75 R

INSTALLATION GUIDE FOR WALLWASHER

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

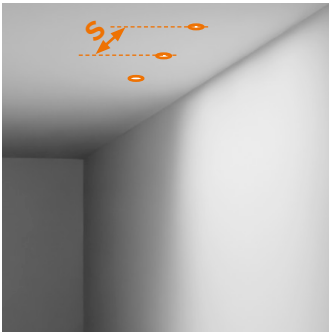
1

The **distance from the wall D** shall be minimum $H / 5$ and maximum $H / 3$



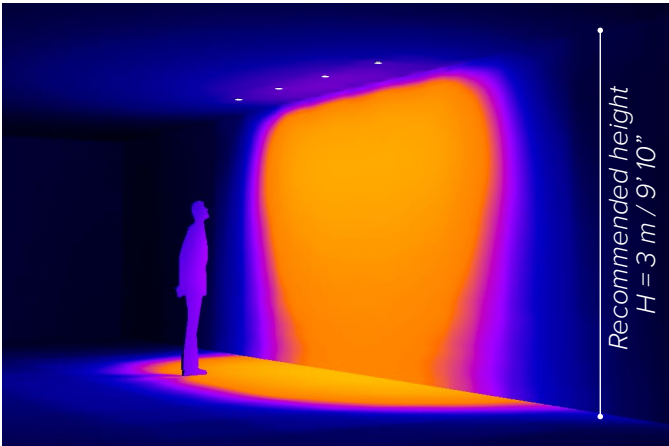
2

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 75 R 10W, 790lm delivered

H 3 m 9' 10"	D _{MIN} 0,6 m 1' 11"	S _{MIN} 0,6 m 1' 11"
		S _{MAX} 1,2 m 3' 11"
	D _{MAX} 1 m 3' 3"	S _{MIN} 1 m 3' 3"
		S _{MAX} 2 m 6' 7"



20lx

50lx

100lx

200lx

WALLWASHER OPTIONS

FOR DIFFERENT CEILING HEIGHTS



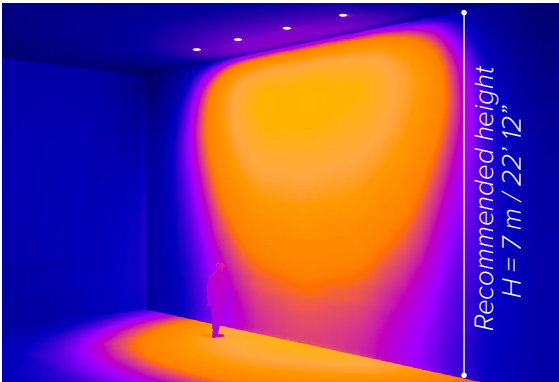
INSIDE 120 R
30W, 2440lm delivered

SEE PAGE 391



ATRIA X3 R
30W, 2440lm delivered

SEE PAGE 463



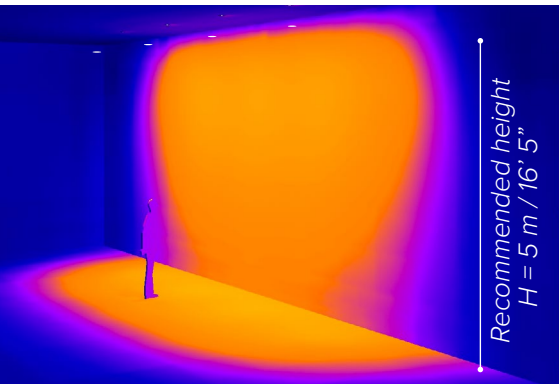
INSIDE 120 R
23W, 2025lm delivered

SEE PAGE 391



ATRIA X3 R
23W, 2025lm delivered

SEE PAGE 463



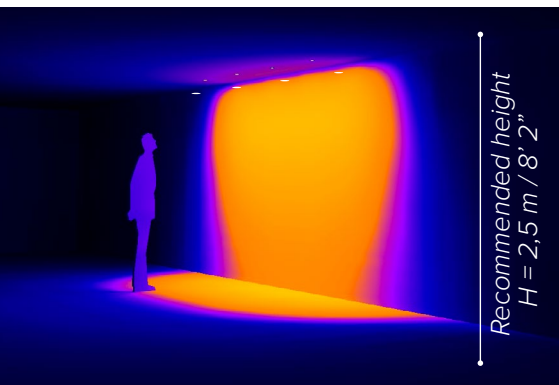
INSIDE 60 R
6W, 570lm delivered

SEE PAGE 371



ATRIA 60 P
6W, 570lm delivered

SEE PAGE 435



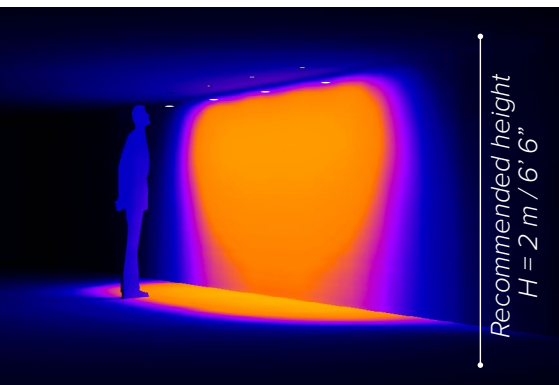
INSIDE 40 R
4W, 220lm delivered

SEE PAGE 363



DOT 45
4W, 220lm delivered

SEE PAGE 427



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.



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ORDER CODE

BASE CODE

64144

A . POWER SUPPLY

- L 500 mA power supply NOT included
- U  listed 500 mA power supply NOT included

B . KELVIN

- 4 4000K CRI93
- 5 3000K CRI93
- 8 2700K CRI93
- 7 tunable white 1800K - 4000K CRI93

C . BEAM

- 4 spot 30°
- F spot 30°, softening glass
- 5 flood 50°
- G flood 50°, softening glass
- 8 wide flood 70°
- H wide flood 70°, softening glass
- A chrome wallwasher
- C black wallwasher



Example: BASE CODE 64144 A B C D E F L 8 A 6 B A = 64144-L8A6BA

D . FINISHES

- 2 black RAL 9005
- 6 white RAL 9003



E . INGRESS PROTECTION

- A IP30
- B IP44
- C IP66

F . ADJUSTABILITY

- A fixed



WALLWASHER BEAM



A chrome wallwasher

WALLWASHER BEAM (NORTH AMERICA)



A chrome wallwasher



C black wallwasher



C black wallwasher



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ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

69372



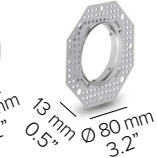
13 mm
0.5" Ø 80 mm
3.2"

69377



10-30 mm
0.4" - 1.2" Ø 80 mm
3.2"

69541



13 mm
0.5" Ø 80 mm
3.2"

69388



30 mm
1.2" Ø 75 mm
3"

69592



40 mm / 1.6" Ø 50 mm
2"

Power supply
500 mA
max No. fixtures

Power supply for
Tunable white
500 mA
max No. fixtures

Class 2 power supply
500 mA

 listed

code	description	dimensions mm	
69372	mounting frame for plasterboard 13 mm / 0.5"	Ø80xH13	
69377	height adjustable mounting frame for plasterboard from 10 to 30 mm / from 0.4" to 1.2"	Ø80xH10-30	
69541	mounting frame for plasterboard US market	Ø80xH13	
69388	mounting frame for millwork from 10 to 30 mm / from 0.4" to 1.2"	Ø75xH30	
69592	suction cup for wallwasher IP44/IP66 US market	W50xH40	

code	output power	input voltage	frequency	IP	dimensions mm	through frame
69109	ON/OFF, 10W / max 1	198-264V	50-60Hz	IP20	L100xW43XH23	YES
69091	1-10V, 20W / max 2	99-264V	50-60Hz	IP20	L120xW52XH22	YES
69080	DALI, 20W / max 2	220-240V	50-60Hz	IP20	L120xW52XH22	YES
69206	DALI, 24W / max 2	99-264V	50-60Hz	IP67	L122xW54XH26	YES
69119	DALI DT8, 25W / max 2	198-264V	50-60Hz	IP20	L123xW79XH30	NO

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

Power supply selection		
DC MIN	LED	DC MAX
Output < 17.8V DC < Output (Vf)	(Vf)	(Vf)