



INSIDE 60 R

SPECIFICATIONS

base code	64142
typology	Compact glare free trimless downlight with symmetrical or wallwasher light distribution
mounting	In plasterboard or millwork using mounting frame to be separately ordered
diameter	60 mm / 2.4"
height	Symmetrical: 70 mm / 2.8". Wallwasher: 56 mm / 2.2"
required depth	Symmetrical: 85 mm / 3.3". Wallwasher: 70 mm / 2.8"
first fit requirement	Yes, separate mounting frame. Mounting frame for plasterboard 13 mm / 0.5" (code 69371). Height adjustable mounting frame for plasterboard (code 69376). Mounting frame for plasterboard US market (code 69540). Mounting frame for millwork (code 69387)
ceiling cut out	Plasterboard: 65 mm / 2.56" (US Market: 75 mm / 2.95"). Millwork: 60 mm / 2.4"
construction	Fixture and mounting frame: 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	6W at 350 mA. Vf 17,8V DC. Tunable white: maximum wattage 6W (CH1 + CH2 max 6W, one channel max 6W)
lamp lumens	780lm
delivered lumens	IP30: 675lm (50°) - 700lm (70°) - 570lm (wallwasher) IP44 / IP66: 610lm (50°) - 630lm (70°) - 510lm (wallwasher)
lumen maintenance	50.000h L90
beam	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<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



IP30

IP44

IP66

symmetric

wallwasher

plaster

plaster US Market

millwork

CE

85 mm / 3.3"

70 mm / 2.8"

65 mm / 2.56"

75 mm / 2.95"

60 mm / 2.36"

0.2 kg / 0.4 lbs

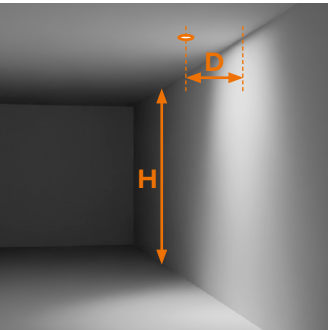
INSIDE 60 R

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



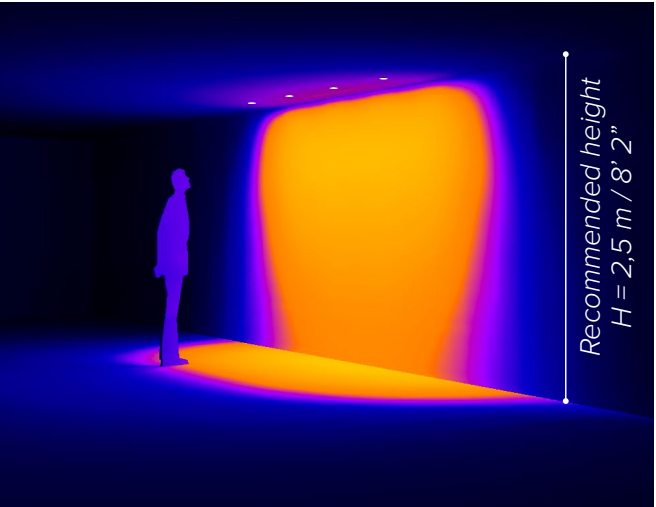
INSIDE 60 R 6W, 570lm delivered

H 2,5 m 8' 2"	D _{MIN} 0,5 m 1' 7"	S _{MIN} 0,5 m 1' 7"
		S _{MAX} 1 m 3' 3"
	D _{MAX} 0,8 m 2' 7"	S _{MIN} 0,8 m 2' 7"
		S _{MAX} 1,6 m 5' 3"



ATRIA 60 P 6W, 570lm delivered

SEE PAGE 435



20lx 50lx 100lx 200lx

WALLWASHER BEAM (see "ORDER CODE" next page)



A chrome wallwasher



B white wallwasher



C black wallwasher

WALLWASHER OPTIONS

FOR DIFFERENT CEILING HEIGHTS



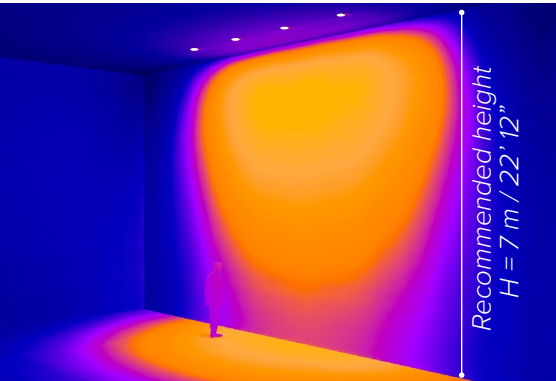
INSIDE 120 R 30W, 2440lm delivered

SEE PAGE 391



ATRIA X3 R 30W, 2440lm delivered

SEE PAGE 463



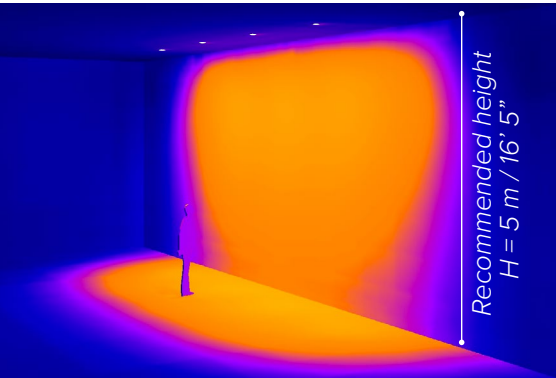
INSIDE 120 R 23W, 2025lm delivered

SEE PAGE 391



ATRIA X3 R 23W, 2025lm delivered

SEE PAGE 463



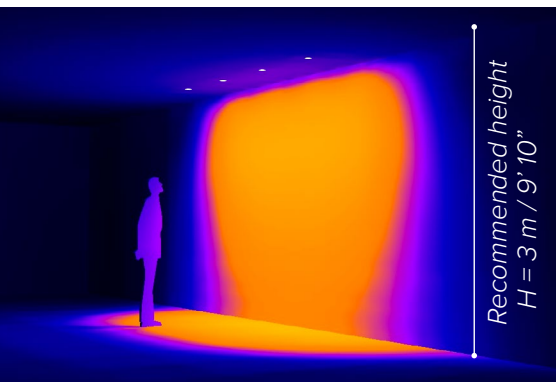
INSIDE 75 R 10W, 790lm delivered

SEE PAGE 377



ATRIA XS R 10W, 790lm delivered

SEE PAGE 471



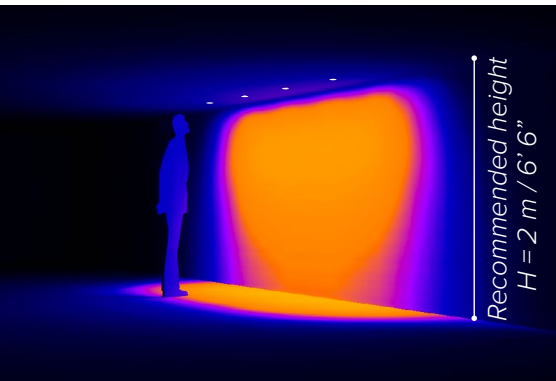
INSIDE 40 R 4W, 220lm delivered

SEE PAGE 363



DOT 45 4W, 220lm delivered

SEE PAGE 427



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.



EXCELLENT VERTICAL UNIFORMITY:
LIGHT IS CONVEYED PRECISELY TOWARDS THE WALL
FROM THE UPPER EDGE TO THE LOWER EDGE

INSIDE 60 R



ORDER CODE

BASE CODE	A . POWER SUPPLY	B . KELVIN	C . BEAM
64142	L 350 mA power supply NOT included U  listed 350 mA power supply NOT included	4 4000K CRI93 5 3000K CRI93 8 2700K CRI93 7 tunable white 1800K - 4000K CRI93	5 flood 50° G flood 50°, softening glass 8 wide flood 70° H wide flood 70°, softening glass A chrome wallwasher B white wallwasher C black wallwasher
Example: 64142		L 8 A 6 C = 64142-L8A6C	
D . FINISHES	E . INGRESS PROTECTION		
2 black RAL 9005  6 white RAL 9003 	A IP30 B IP44 C IP66		

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

69371	69376	69540
13 mm / 0.5"	10 to 30 mm / 0.4" to 1.2"	13 mm / 0.5"
Ø 65 mm / 2.6"	Ø 65 mm / 2.6"	Ø 65 mm / 2.6"
69387		
30 mm / 1.2"		
Ø 60 mm / 2.4"		

Power supply
350 mA
max No. fixtures

Power supply for
Tunable white
350 mA
max No. fixtures

Class 2 power supply
350 mA
 listed

code	description				dimensions mm	
69371	mounting frame for plasterboard 13 mm / 0.5"				Ø65xH13	
69376	height adjustable mounting frame for plasterboard from 10 to 30 mm / from 0.4" to 1.2"				Ø65xH10-30	
69540	mounting frame for plasterboard US market				Ø65xH13	
69387	mounting frame for millwork from 10 to 30 mm / from 0.4" to 1.2"				Ø60xH30	
code	output power	input voltage	frequency	IP	dimensions mm	through frame
69107	ON/OFF, 10W / max 1	198-264V	50-60Hz	IP20	L100xW43XH23	YES
69090	1-10V, 18W / max 2	99-264V	50-60Hz	IP20	L120xW52XH22	NO
69079	DALI, 15W / max 2	110-240V	50-60Hz	IP20	L120xW52xH22	NO
69205	DALI, 17W / max 2	99-264V	50-60Hz	IP67	L122xW54xH26	NO
69118	DALI DT8, 17,5W / 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 Output (Vf)	LED < 17,8V DC < (Vf)	DC MAX Output (Vf)