

# INSIDE 60 R

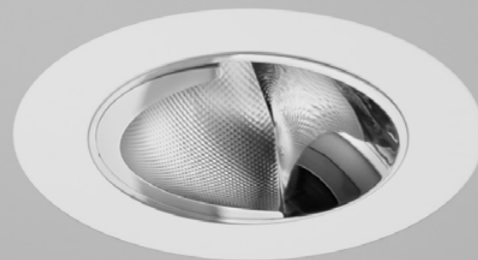
## SPECIFICATIONS



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 or ceramic 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 24V DC and 350 mA. For Yacht operating voltage 20V-30V. <b>Vf 17,8V DC.</b> Tunable white: max 6W at 350 mA (CH1 + CH2 max 6W, one channel max 6W). <b>Vf 17,8V DC.</b> Dim to warm: 6W at 350 mA. <b>Vf 34V DC</b>
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 <b>wallwasher (downlight 25° and wallwasher)</b>
kelvin	2700K CRI93, 3000K CRI93, 4000K CRI93 / 3 step MacAdam ellipse, tunable white 1800K - 4000K CRI93, or dim to warm 1800K - 3000K 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
control protocols	0-10V, DMX or DALI
certifications	CE, ETL listed (certified to UL 2108, CSA C22.2)

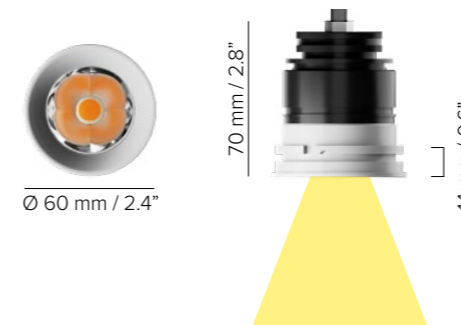


50°, 70° BEAM

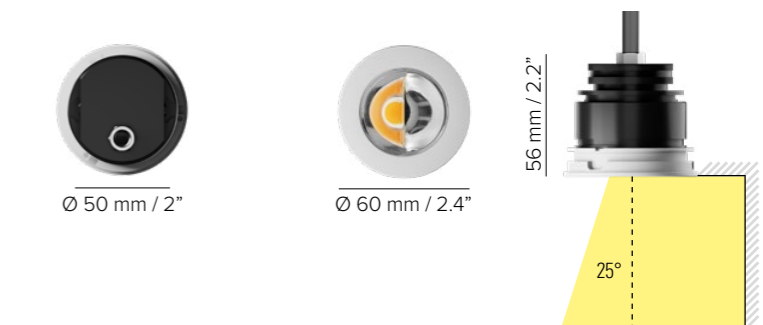


WALLWASHER

50°, 70° BEAM



WALLWASHER



IP30 IP44 IP66
SYMM WW
SYMM WW
plaster plaster US Market millwork
kg CE ETL Intertek

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

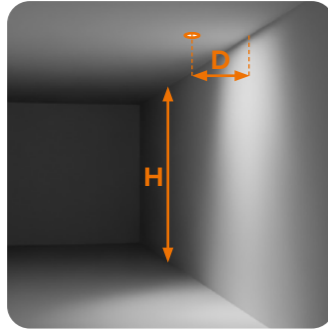
# INSIDE 60 R

## INSTALLATION GUIDE FOR WALLWASHER

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

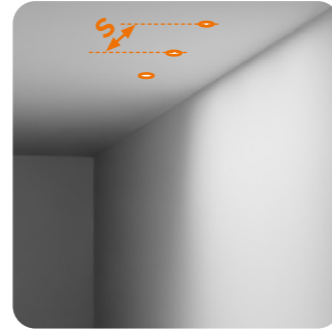
1

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



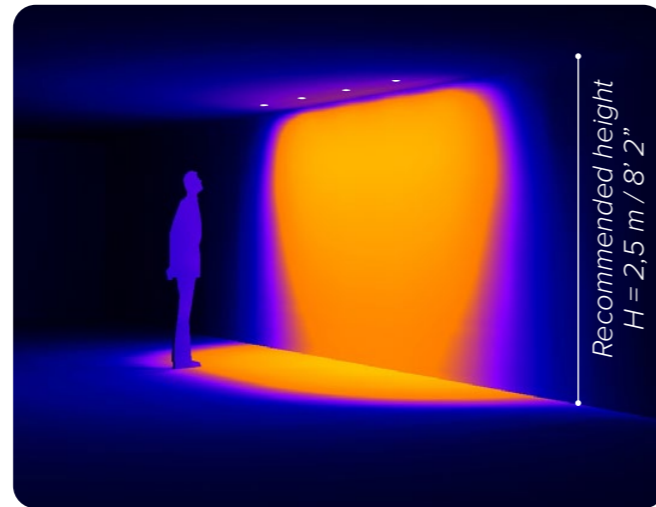
**INSIDE 60 R**  
6W, 570lm delivered

H 2,5 m 8' 2"	D <sub>MIN</sub> 0,5 m 1' 7"	S <sub>MIN</sub> 0,5 m 1' 7"
		S <sub>MAX</sub> 1 m 3' 3"
	D <sub>MAX</sub> 0,8 m 2' 7"	S <sub>MIN</sub> 0,8 m 2' 7"
		S <sub>MAX</sub> 1,6 m 5' 3"



**ATRIA 60 P**  
6W, 570lm delivered

SEE PAGE 79



Recommended height  
H = 2,5 m / 8' 2"

20lx 50lx 100lx 200lx

**WALLWASHER BEAM** (see "ORDER CODE" next page)



# WALLWASHER OPTIONS

FOR DIFFERENT CEILING HEIGHTS



**INSIDE 120 R**  
30W, 2440lm delivered

SEE PAGE 401



**ATRIA X3 R**  
30W, 2440lm delivered

SEE PAGE 473



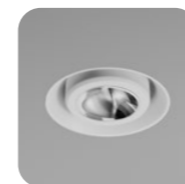
**INSIDE 120 R**  
23W, 2025lm delivered

SEE PAGE 401



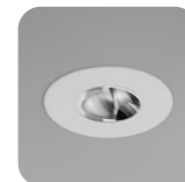
**ATRIA X3 R**  
23W, 2025lm delivered

SEE PAGE 473



**INSIDE 75 R**  
10W, 790lm delivered

SEE PAGE 387



**ATRIA XS R**  
10W, 790lm delivered

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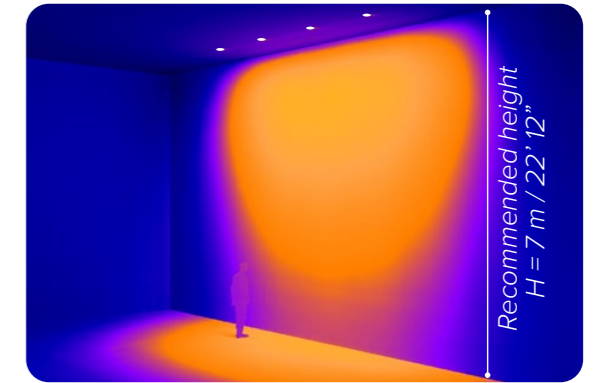
**INSIDE 40 R**  
4W, 220lm delivered

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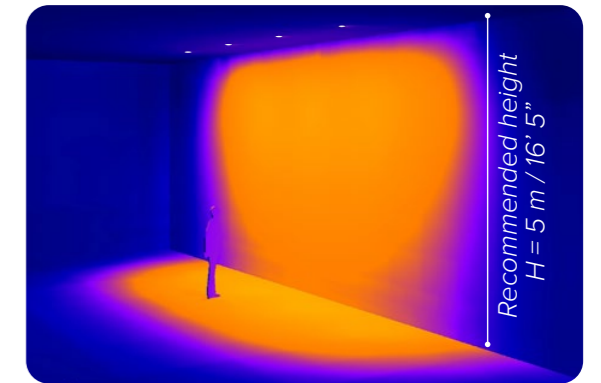


**DOT 45**  
4W, 220lm delivered

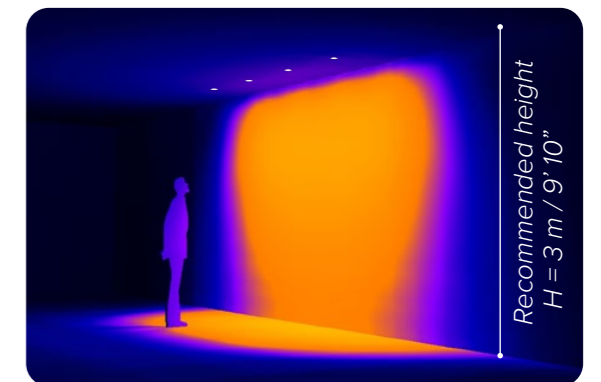
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Recommended height  
H = 7 m / 22' 12"



Recommended height  
H = 5 m / 16' 5"



Recommended height  
H = 3 m / 9' 10"



Recommended height  
H = 2 m / 6' 6"

20lx 50lx 100lx 200lx

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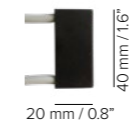
## ORDER CODE

### BASE CODE

64142

### A . POWER SUPPLY

**2** 24V DC (20V - 30V)  
FOR YACHT ONLY  
power supply  
NOT included



**L** 350 mA  
power supply  
NOT included

**U** listed  
350 mA  
power supply  
NOT included

### B . KELVIN

**4** 4000K CRI93

**5** 3000K CRI93

**8** 2700K CRI93

**7** tunable white  
1800K - 4000K CRI93

**H** dim to warm  
1800K - 3000K CRI93  
*ONLY WITH SOFTENING  
GLASS AND IP44*

### C . BEAM

**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

BASE CODE

Example: **64142** **A** **B** **C** **D** **E** = **64142-28A6C**

### D . FINISHES

**2** black  
RAL 9005

**6** white  
RAL 9003

**L** black  
CERAMIC

**M** gun metal  
CERAMIC

**N** champagne  
CERAMIC

### E . INGRESS PROTECTION

**A** IP30

**B** IP44

**C** IP66

## ACCESSORIES

### REQUIRED ACCESSORIES - NOT INCLUDED



Power supply  
350 mA  
max No. fixtures

Power supply  
tunable white  
350 mA  
max No. fixtures

Power supply  
dim to warm  
350 mA  
max No. fixtures

Class 2 power supply  
350 mA



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
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

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

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

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