



SYMMETRICAL REFLECTOR



ASYMMETRICAL REFLECTOR: WALLWASHER + 25°



INSIDE 60 R

NEW

SPECIFICATIONS

base code	64142
typology	Compact glare free trimless downlight with symmetrical or asymmetrical (wallwasher + 25°) light distribution
mounting	In plasterboard using mounting frame to be separately ordered as accessory
diameter	60 mm / 2.4"
height	Symmetrical: 70 mm / 2.8". Asymmetrical: 56 mm / 2.2"
required depth	Symmetrical: 85 mm / 3.3". Asymmetrical: 70 mm / 2.8"
first fit requirement	Yes, separate mounting frame for plaster ceiling. Height adjustable mounting frame for ceiling thickness from 10 to 30 mm / from 0.4" to 1.2" (code 69376). Mounting frame for ceiling thickness 13 mm / 0.5" (code 69371). Mounting frame for plasterboard US market (code 69540)
ceiling cut out	65 mm / 2.56". US Market: 75 mm / 2.95"
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	690lm
delivered lumens	IP30: 675lm (50°) - 700lm (70°) - 570lm (asymmetrical) IP44 / IP66: 610lm (50°) - 630lm (70°) - 510lm (asymmetrical)
lumen maintenance	50.000h L90
beam	50°, 70° or asymmetrical reflector (wallwasher + 25°)
kelvin	2200K CRI93, 2700K CRI93, 3000K CRI93, 4000K CRI93 / 3 step MacAdam ellipse or Tunable white (1800K - 4000K) CRI93
special features	Safe wiring - Two wires dimming. Thanks to the design of the reflector, the luminaire is totally glare free. 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 approval pending



ASYMMETRICAL DOWNLIGHTS

AVAILABLE OPTIONS FOR DIFFERENT CEILING HEIGHTS



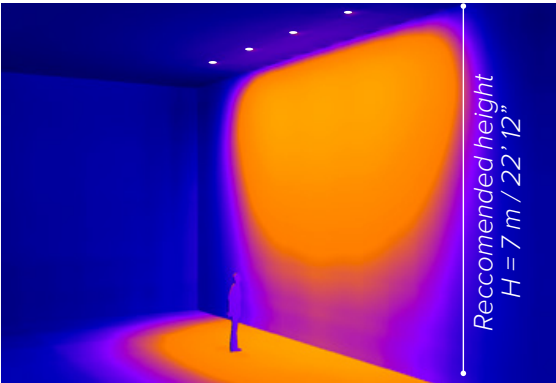
INSIDE 120 R
30W, 2440lm delivered

SEE PAGE 421



ATLAS X3 R
30W, 2440lm delivered

SEE PAGE 421



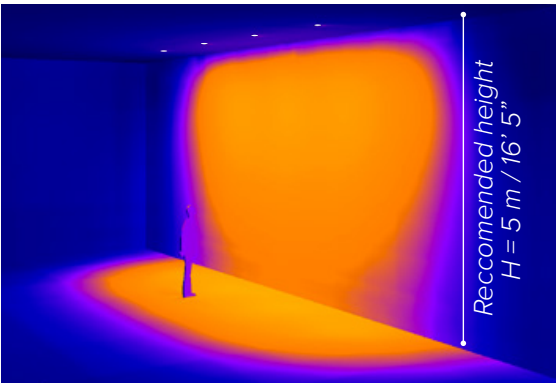
INSIDE 120 R
23W, 2025lm delivered

SEE PAGE 421



ATLAS X3 R
23W, 2025lm delivered

SEE PAGE 421



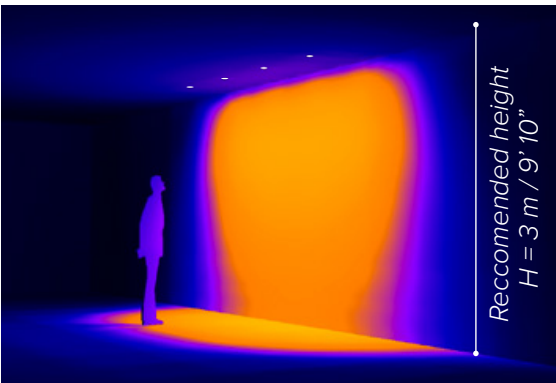
INSIDE 75 R
10W, 870lm delivered

SEE PAGE 415



ATRIA XS R
10W, 870lm delivered

SEE PAGE 471



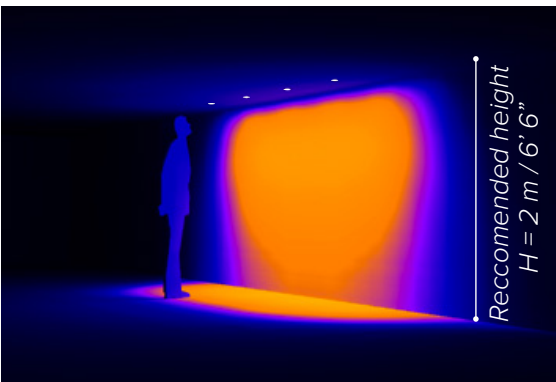
INSIDE 40 R
4W, 310lm delivered

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DOT 45
4W, 310lm delivered

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20lx 50lx 100lx 200lx

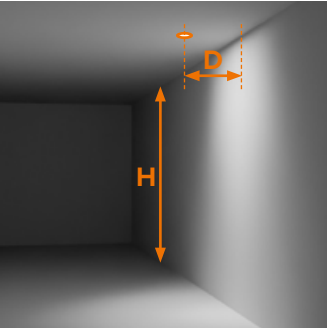
INSIDE 60 R

INSTALLATION GUIDE FOR THE ASYMMETRICAL DOWNLIGHT (WALLWASHER + 25°)

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 ($D \times 2$) from the wall



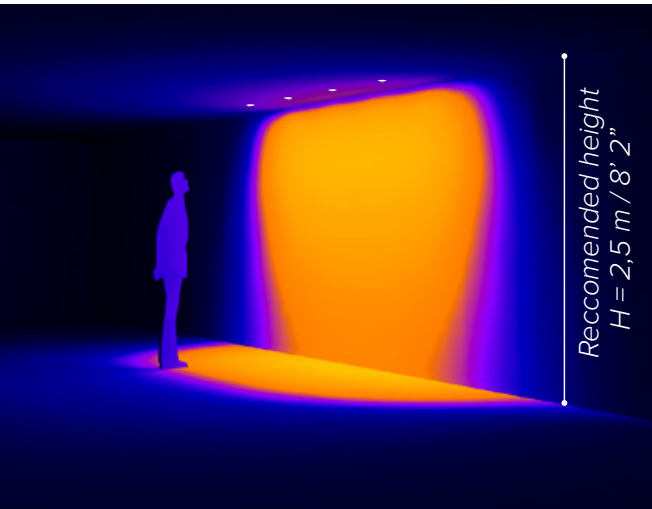
INSIDE 60 R
6W, 510lm delivered

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

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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.



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 D 2200K CRI93¹ 7 tunable white 1800K - 4000K CRI93 ¹with filter glass	5 flood 50°  8 wide flood 70°  A chrome asymmetrical C black asymmetrical
Example: BASE CODE A B C D E 64142 L 8 A 6 C = 64142-L8A6C			
D . FINISHES	E . OTHER		
6 white RAL 9003  2 black RAL 9005 	A IP30 B IP44 (with clear glass) C IP66 (with clear glass)		

REQUIRED ACCESSORIES - NOT INCLUDED



Power supply
350 mA
max No. fixtures

Power supply for
Tunable white
350 mA
max No. fixtures

Class 2 power supply
350 mA

code	description			dimensions mm	
69371	mounting frame for ceiling thickness 13 mm / 0.5"			Ø65xH13	
69376	height adjustable mounting frame for ceiling thickness from 10 to 30 mm / from 0.4" to 1.2"			Ø65xH10-30	
69540	mounting frame for plasterboard US market			Ø65xH13	
code	output power	input voltage / frequency	IP	dimensions mm	
69107	ON/OFF, 10W / max 1	198-264V	50-60Hz IP20	L100xW43XH23	
69090	1-10V, 18W / max 2	99-264V	50-60Hz IP20	L120xW52XH22	
69079	DALI, 15W / max 2	110-240V	50-60Hz IP20	L120xW52XH22	
69205	DALI, 17W / max 2	99-264V	50-60Hz IP67	L122xW54xH26	
69118	DALI DT8, 17,5W / max 2	198-264V	50-60Hz IP20	L123xW79XH30	

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 (Vf)	< 17,8V DC	Output (Vf)	

OPTIONAL ACCESSORIES

code	description	dimensions mm
69879	softening glass	Ø46xH3