



INSIDE 75 R

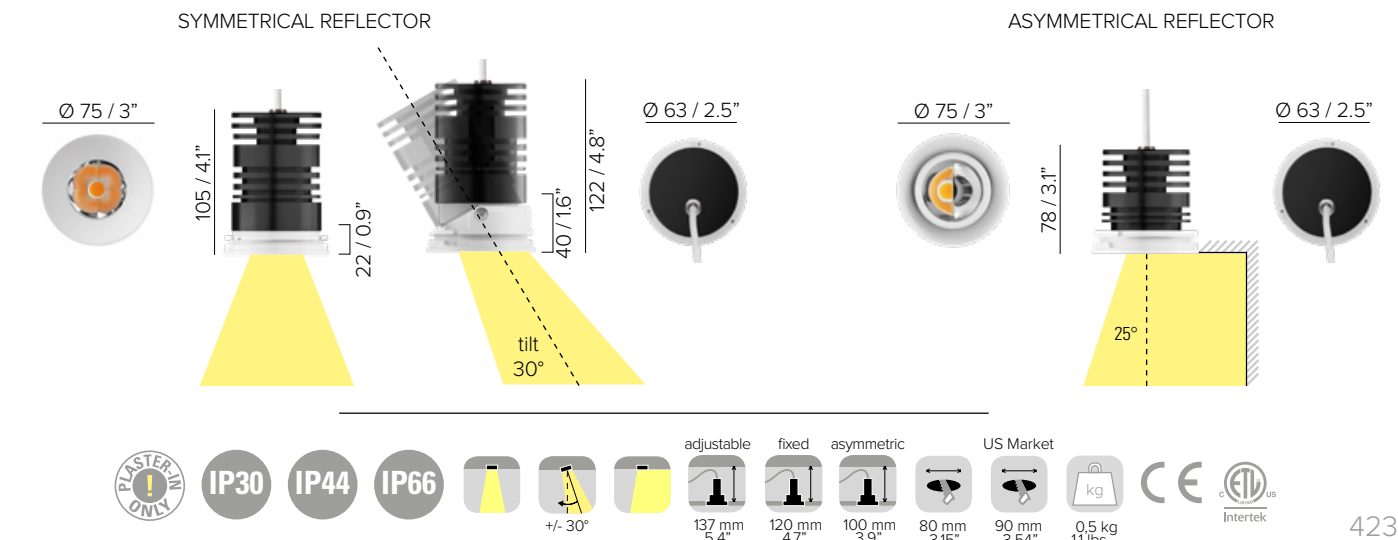
SPECIFICATIONS

base code	64144
typology	Glare free trimless downlight with symmetrical or asymmetrical (wallwasher and downlight) light distribution
mounting	In plasterboard using mounting frame to be separately ordered
aperture	75 mm / 3"
height	Fixed: 105 mm / 4.1". Adjustable: 122 mm / 4.8". Asymmetrical: 78 mm / 3.1"
required depth	Fixed: 120 mm / 4.7". Adjustable: 137 mm / 5.4". Asymmetrical: 100 mm / 3.9"
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 69377). Mounting frame for ceiling thickness 13 mm / 0.5" (code 69372). Mounting frame for plasterboard US market (code 69541)
ceiling cut out	80 mm / 3.15". US Market: 90 mm / 3.54"
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	980lm
delivered lumens	IP30: 850lm (30°) - 930lm (50°) - 970lm (70°) - 790lm (asymmetrical) IP44 / IP66: 760lm (30°) - 840lm (50°) - 870lm (70°) - 710lm (asymmetrical)
lumen maintenance	50.000h L90
beam	30°, 50°, 70° or asymmetrical reflector (wallwasher + 25°). Inclination angle adjustable up to 30°
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. Designed with symmetrical and asymmetrical reflectors, delivers glare free homogeneous light. UGR<10 (30°), 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 listed for wet location

FIXED SYMMETRICAL REFLECTOR

ADJUSTABLE SYMMETRICAL REFLECTOR

ASYMMETRICAL REFLECTOR: WALLWASHER + 25°





ASYMMETRICAL REFLECTORS (WALLWASHER + 25°) AND SYMMETRICAL REFLECTOR (30°)

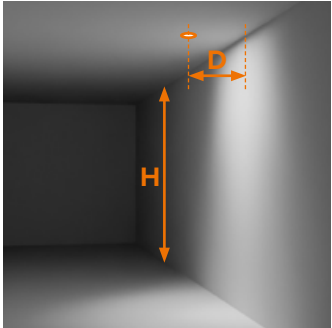
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INSTALLATION GUIDE FOR THE ASYMMETRICAL DOWNLIGHT (WALLWASHER + 25°)

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

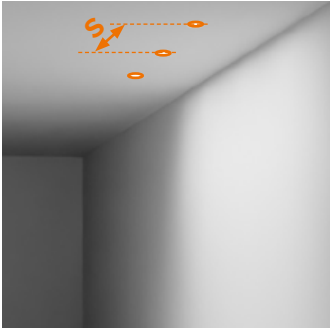
1

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



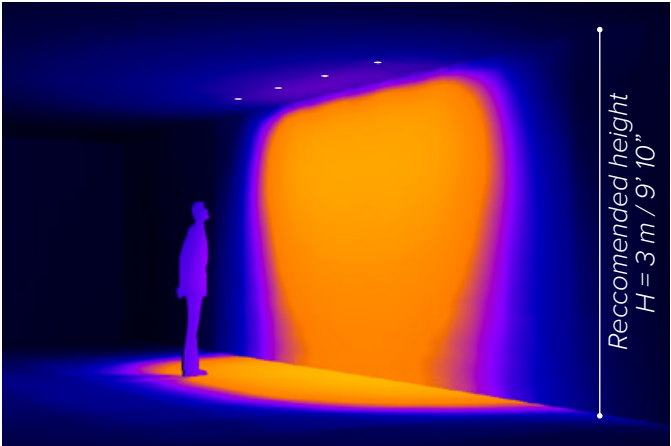
2

The **spacing between luminaires (S)** shall be minimum the distance (D) from the wall and maximum twice the distance (D x 2) from the wall



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10W, 870lm delivered

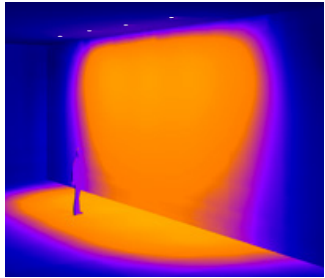
H 3 m 9' 10"	D _{MIN} 0,6 m 1' 11"	S _{MIN} 0,6 m 1' 11"
		S _{MAX} 1,2 m 3' 11"
	D _{MAX} 1 m 3' 3"	S _{MIN} 1 m 3' 3"
		S _{MAX} 2 m 6' 7"



20lx 50lx 100lx 200lx

ASYMMETRICAL DOWNLIGHTS: AVAILABLE OPTIONS FOR DIFFERENT CEILING HEIGHTS

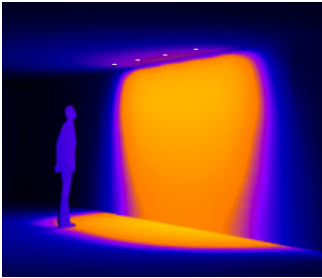
Reccomended height
H = 5 m / 16' 5"



INSIDE 120 R
23W, 2025lm delivered
SEE PAGE 421

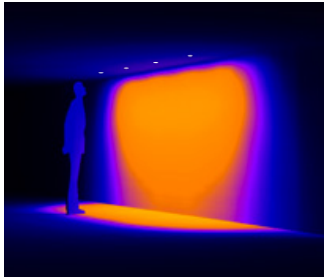
ATLAS X3 R
23W, 2025lm delivered
SEE PAGE 421

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



ATRIA 60 P
6W, 510lm delivered
SEE PAGE 457

Reccomended height
H = 2 m / 6' 6"



DOT 45
4W, 310lm delivered
SEE PAGE 389

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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
D 2200K CRI93¹
7 tunable white 1800K - 4000K CRI93
¹with filter glass

C . BEAM
4 spot 30°
5 flood 50°
8 wide flood 70°
A chrome asymmetrical
C black asymmetrical

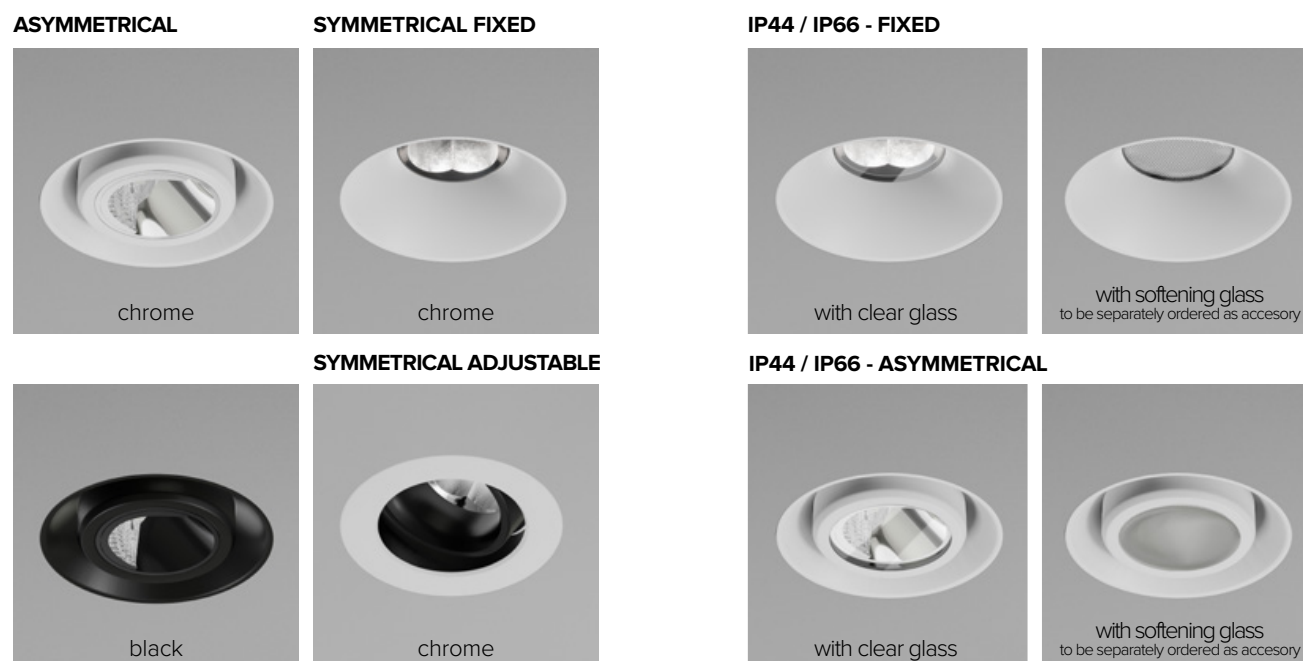
D . FINISHES
2 black RAL 9005
6 white RAL 9003

E . OTHER
A IP30
B IP44 (with clear glass)
C IP66 (with clear glass)

F . ADJUSTABILITY
A fixed
B adjustable IP30 only 30° beam only

BASE CODE
Example: **64144**

A B C D E F
L 8 A 6 B A = **64144-L8A6BA**



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ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

69372

0.5" / 1.2" Ø 80 / 3.2"

69377

0.4" / 1.0" Ø 80 / 3.2"

69541

0.5" / 1.2" Ø 80 / 3.2"

69592

40 / 1.6" Ø 50 / 2"

Power supply 500 mA max No. fixtures
Power supply for Tunable white 500 mA max No. fixtures
Class 2 power supply 500 mA

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

code	output power	input voltage / frequency	IP	dimensions mm
69109	ON/OFF, 10W / max 1	198-264V	50-60Hz IP20	L100xW43XH23
69091	1-10V, 20W / max 2	99-264V	50-60Hz IP20	L120xW52XH22
69080	DALI, 20W / max 2	220-240V	50-60Hz IP20	L120xW52xH22
69206	DALI, 24W / max 2	99-264V	50-60Hz IP67	L122xW54xH26
69119	DALI DT8, 25W / max 2	198-264V	50-60Hz IP20	L123xW79XH30

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

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

OPTIONAL ACCESSORIES

69878

3 / 0.1" Ø 59 / 2.3"

69879

3 / 0.1" Ø 46 / 1.8"

code	description	dimensions mm
69878	softening glass symmetrical reflector	Ø59xH3
69879	softening glass asymmetrical reflector	Ø46xH3

