

INSIDE 75 R ^{NEW}



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 / 2.95"
height	Fixed: 105 mm / 4.13". Adjustable: 122 mm / 4.8". Asymmetrical: 78 mm / 3.07"
required depth	Fixed: 120 mm / 4.72". Adjustable: 137 mm / 5.39". Asymmetrical: 100 mm / 3.93"
first fit requirement	Yes, separate mounting frame for plaster ceiling. Height adjustable mounting frame for ceiling thickness from 10 to 30 mm / from 0.39" to 1.18" (code 69377). Mounting frame for ceiling thickness 13 mm / 0.51" (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. Dynamic 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 (25° and wallwasher). Inclination angle adjustable up to 30°
kelvin	2200K CRI93, 2700K CRI93, 3000K CRI93, 4000K CRI93 / 3 step MacAdam ellipse or Dynamic 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



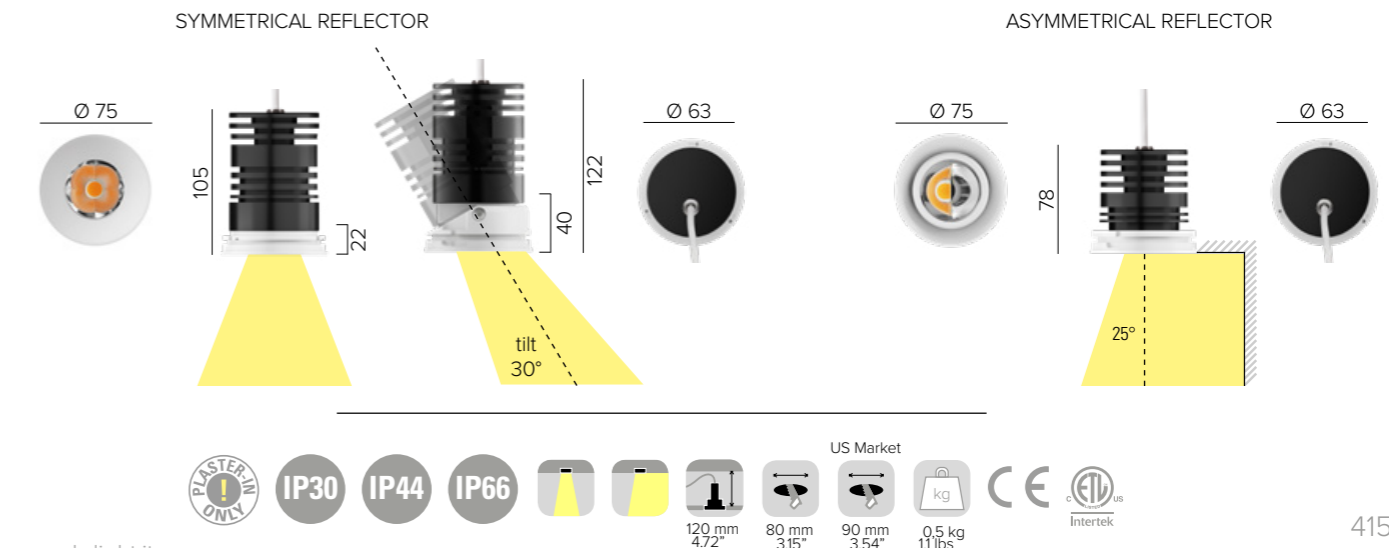
FIXED SYMMETRICAL REFLECTOR



ADJUSTABLE SYMMETRICAL REFLECTOR



ASYMMETRICAL REFLECTOR: 25° AND WALLWASHER



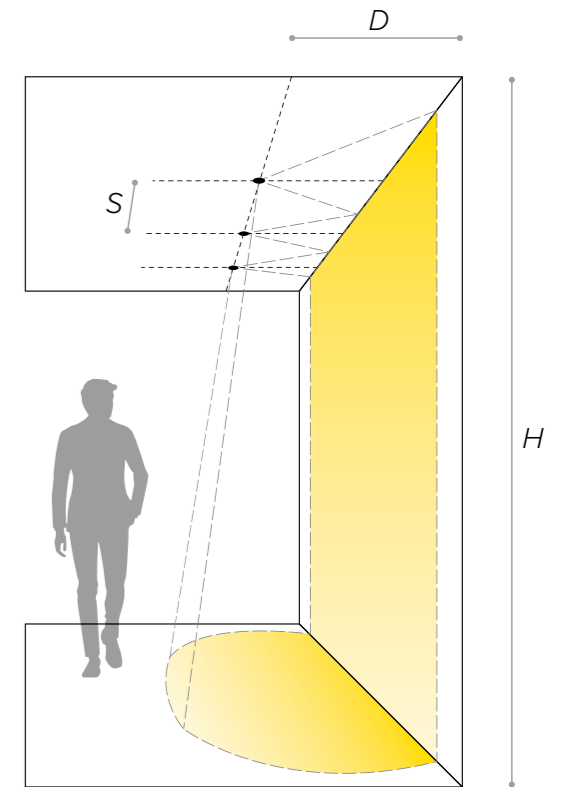
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POSITIONING GUIDE FOR THE ASYMMETRICAL DOWNLIGHT

Because every lighting project is different, use the guide below 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.

For good uniformity of light on the wall, **the spacing (S)** between two luminaires shall be **less than twice the distance (D) from the wall**



$D = \text{Minimum } H / 5, \text{ maximum } H / 3$
 $S = \text{Minimum } D \times 1, \text{ maximum } D \times 2$

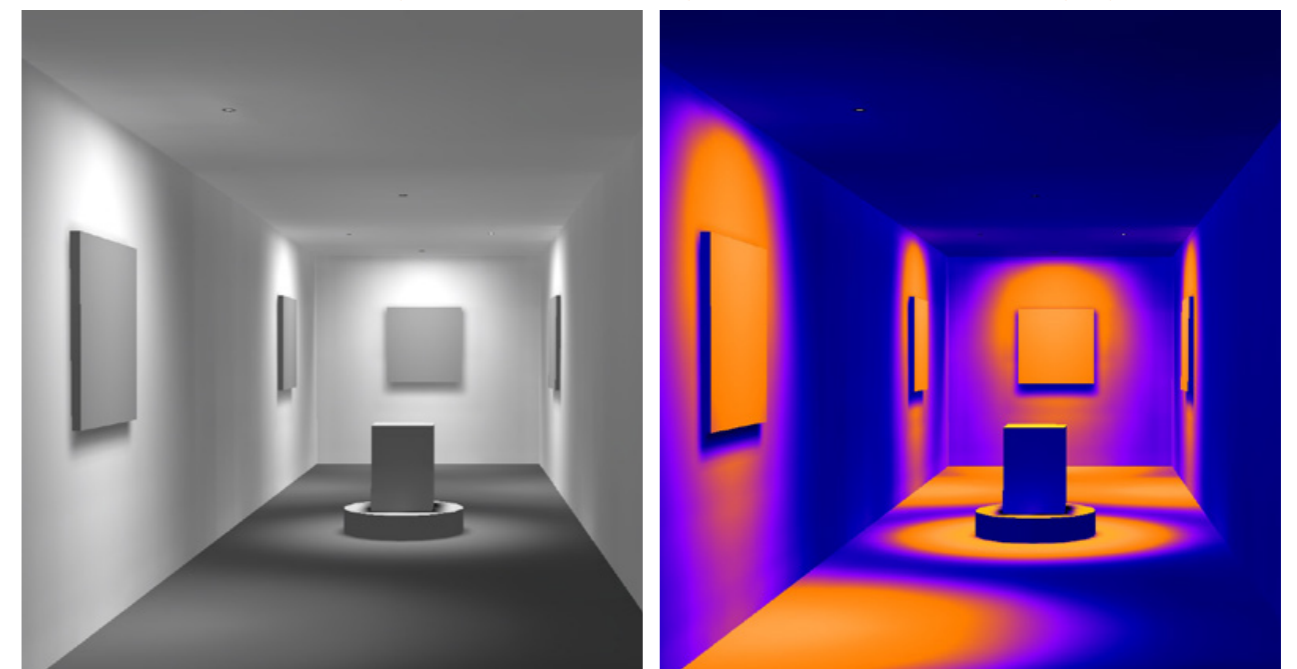
Example

H	2500 mm / 98"	D _{MIN}	500 mm / 20"	S _{MIN}	500 mm / 20"
		D _{MAX}	800 mm / 33"	S _{MAX}	1600 mm / 63"
H	3000 mm / 118"	D _{MIN}	600 mm / 24"	S _{MIN}	600 mm / 24"
		D _{MAX}	1000 mm / 39"	S _{MAX}	2000 mm / 79"
H	4000 mm / 197"	D _{MIN}	800 mm / 31"	S _{MIN}	800 mm / 31"
		D _{MAX}	1300 mm / 52"	S _{MAX}	2600 mm / 103"



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

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



20lx 50lx 100lx 200lx


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ORDER CODE

BASE CODE

64144

A . POWER SUPPLY






- L** 500 mA EXCL. power supply
- U**  listed 500 mA EXCL. power supply

B . KELVIN

- 4** 4000K CRI93
- 5** 3000K CRI93
- 8** 2700K CRI93
- D** 2200K CRI93¹
- 7** dynamic white 1800K - 4000K CRI93

¹with filter glass

C . BEAM

- 4** 30° 
- 5** 50° 
- 8** 70° 
- A** chrome asymmetrical 
- C** black asymmetrical 

BASE CODE

Example: **64144 L 8 A 6 B A = 64144-L8A6BA**

D . FINISHES



2 black RAL 9005 

6 white RAL 9003 

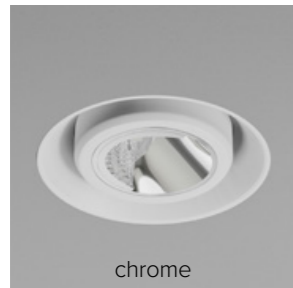
E . OTHER

- A** IP30
- B** IP44 (with clear glass)
- C** IP66 (with clear glass)

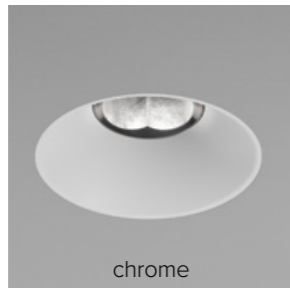
F . ADJUSTABILITY

- A** fixed 
- B** adjustable (symmetrical only) 

ASYMMETRICAL



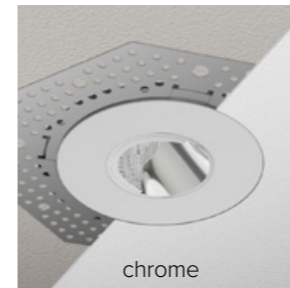
SYMMETRICAL FIXED



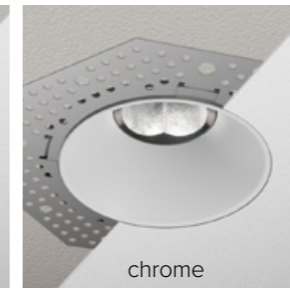
IP44 / IP66 - FIXED



N. AMERICA: ASYMMETRICAL



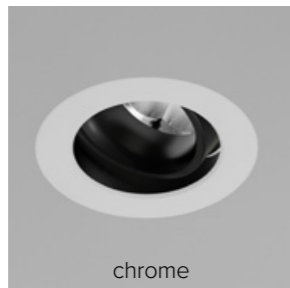
N. AMERICA: SYMMETRICAL



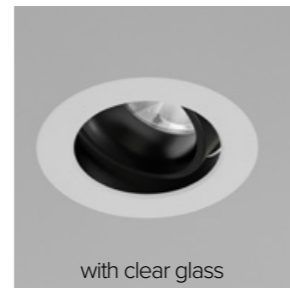
NORTH AMERICA: IP44 / IP66 - FIXED



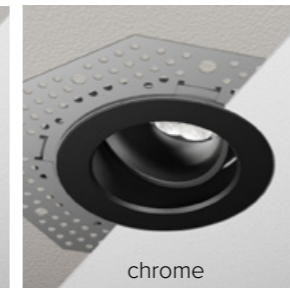
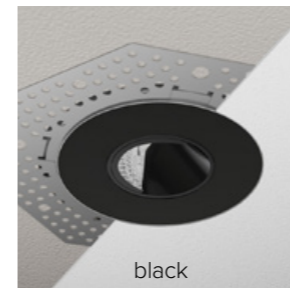
SYMMETRICAL ADJUSTABLE



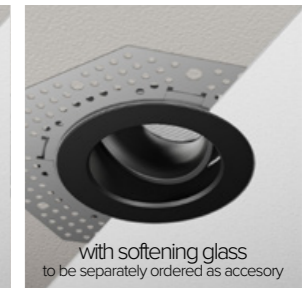
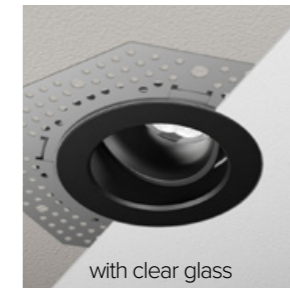
IP44 / IP66 - ADJUSTABLE



N. AMERICA: ADJUSTABLE



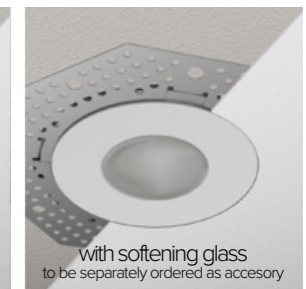
NORTH AMERICA: IP44 / IP66 - ADJUSTABLE



IP44 / IP66 - ASYMMETRICAL



NORTH AMERICA: IP44 / IP66 - ASYMMETRICAL



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ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

- 69372  code 69372 description mounting frame for ceiling thickness 13 mm / 0.51" dimensions mm Ø80xH13
 - 69377  code 69377 description height adjustable mounting frame for ceiling thickness from 10 to 30 mm / from 0.39" to 1.18" dimensions mm Ø80xH10-30
 - 69541  code 69541 description mounting frame for plasterboard US market dimensions mm Ø80xH13
 - 69592  code 69592 description suction cup for asymmetrical IP44/IP66 US market dimensions mm W50xH40
- Power supply 500 mA max No. fixtures
- Power supply for Dynamic white 500 mA max No. fixtures Class 2 power supply 500 mA



code	description	dimensions mm
69372	mounting frame for ceiling thickness 13 mm / 0.51"	Ø80xH13
69377	height adjustable mounting frame for ceiling thickness from 10 to 30 mm / from 0.39" to 1.18"	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)	LED < 17,8V DC (Vf)	DC MAX Output (Vf)

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

OPTIONAL ACCESSORIES

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

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