MUSHROOM MINI PL

SPECIFICATIONS

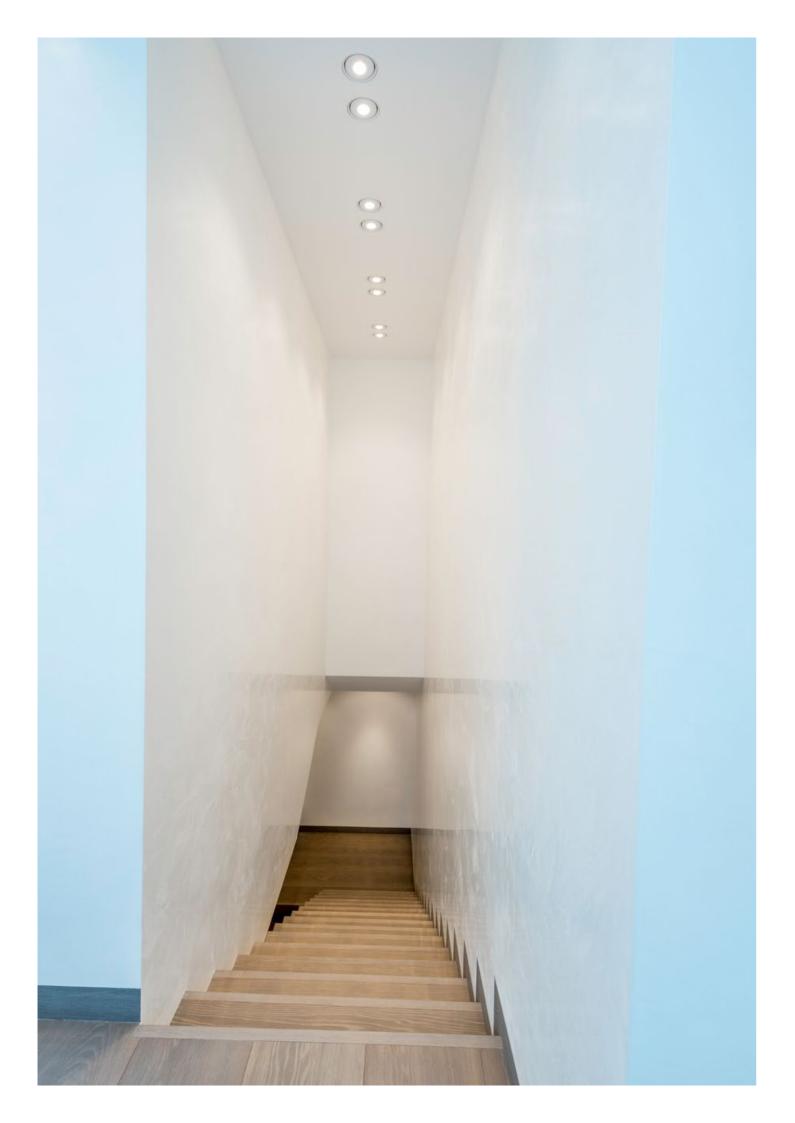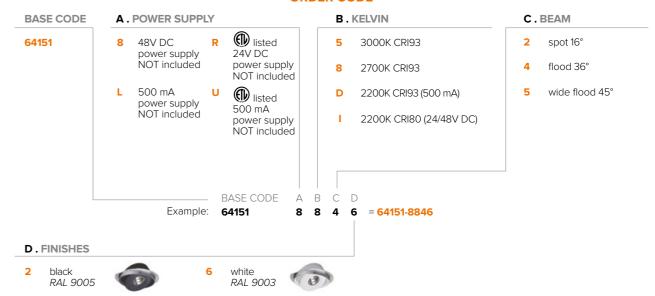|	
base code	64151
typology	Round adjustable trimless spotlight suitable for shallow ceiling voids
mounting	In plasterboard using mounting frame to be separately ordered
aperture	100 mm / 3.9"
height	35 mm / 1.4"
required depth	60 mm / 2.4"
first fit requirement	Yes, separate mounting frame for plaster ceiling. Mounting frame for plasterboard 13 mm / 0.5" (code 69373). Height adjustable mounting frame for plasterboard (code 69378). Mounting frame for plasterboard US market (code 69542)
ceiling cut out	105 mm / 4.13". US Market: 115 mm / 4.53"
construction	Fixture and mounting frame: turning and milling aluminum. Lens: PMMA
finishes	Powder coated
ingress protection	IP30. North America dry location
lamp type	LED array on printed circuit board. Remote power supply not included
lamp wattage	6W at 48V DC and 500 mA. North America 24V DC and 500 mA
lamp lumens	630lm
delivered lumens	440lm (3000K CRI93, 36°)
lumen maintenance	50.000h L90
beam	16°, 36°, 45°. The optical system can be rotated by 120° around the vertical axis. Inclination angle adjustable from below 0° to 30°
kelvin	2200K CRI80, 2200K CRI93, 2700K CRI93, 3000K CRI93 / 3 step MacAdam ellipse
special features	Thanks to the height of only 35 mm, it is particularly suitable for shallow ceiling voids. Unpolarized electronic system (24V DC: reverse polarity protection) - Safe wiring. 48V DC, 24V DC: Thermal Sensor - Two wires dimming
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 dry location

Ø 74 / 2.9"

Ø 100 / 3.9"

35 / 1.4"

US Market

IP30

+/- 30°   60 mm 2.4"   105 mm 4.13"   115 mm 4.53"   0.3 kg 0.7 lbs

PLASTER IN ONLY

kg   CE   ETL Intertek

MUSHROOM MINI PL

ORDER CODE

BASE CODE	A . POWER SUPPLY		B . KELVIN		C . BEAM	
64151	**8** 48V DC power supply NOT included	**R** (ETL) listed 24V DC power supply NOT included	**5** 3000K CRI93		**2** spot 16°	
	L 500 mA power supply NOT included	**U** (ETL) listed 500 mA power supply NOT included	**8** 2700K CRI93		**4** flood 36°	
			D 2200K CRI93 (500 mA)		**5** wide flood 45°	
			I 2200K CRI80 (24/48V DC)			

	BASE CODE	A	B	C	D	
Example:	**64151**	**8**	**8**	**4**	**6**	= **64151-8846**

D . FINISHES

2	black RAL 9005		**6**	white RAL 9003

ACCESSORIES

REQUIRED ACCESSORIES - *NOT INCLUDED*

69373

Ø 105 4.1" / 0.5" 13

69378

Ø 105 4.1" / 10-30 0.4"-1.2"

69542

Ø 105 4.1" / 0.5" 13

code	description		dimensions mm
69373	mounting frame for plasterboard 13 mm / 0.5"		Ø105xH13
69378	mounting frame for plasterboard from 10 to 30 mm / from 0.39" to 1.18"		Ø105xH10-30
69542	mounting frame for plasterboard US market		Ø105xH13

	code	output power	input voltage / frequency		IP	dimensions mm
Power supply 48V DC, ON/OFF*	69180	30W	90-264V	47-63Hz	IP20	L160xW46xH30
	69181	40W	90-305V	47-63Hz	IP67	L163xW43xH32
	69182	60W	90-305V	47-63Hz	IP67	L163xW43xH32
Power supply 48V DC, 1-10V[1]	69185	40W	90-305V	47-63Hz	IP67	L171xW62xH37
	69186	60W	90-305V	47-63Hz	IP67	L171xW62xH37
Power supply 48V DC, DALI[1]	69195	75W	100-305V	47-63Hz	IP67	L180xW63xH36

[1] for a perfect dimming, it is necessary that the power supply is saturated to 100%

	code	output power	input voltage / frequency		IP	dimensions mm
Power supply 48V DC, 1-10V and DALI	69096	55W	99-264V	50-60Hz	IP20	L129xW76xH30
Power supply 48V DC, 0-10V	69097	120W	90-305V	47-63Hz	IP67	L191xW63xH38
Power supply 500 mA *max No. fixtures*	69095	ON/OFF, 12W / max 1	90-264V	50-60Hz	IP20	L115xW34XH19
	69091	1-10V, 20W / max 2	99-264V	50-60Hz	IP20	L120xW52XH22
	69080	DALI, 20W / max 2	220-240V	50-60Hz	IP20	L120xW52xH22

Class 2 power supply 24V DC 500 mA	Consult **B LIGHT North America** Lighting Group Network T: 212.775.6363 E: info@lightinggroupnetwork.com

*To choose the power supply, always add a spare 20% as safety margin.
See pag 495 for cable size and max wiring distance from power supply to last connected luminaire