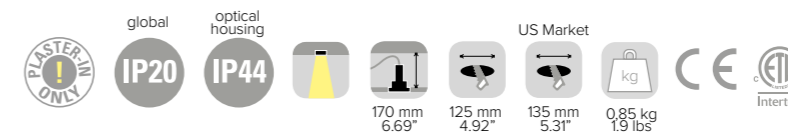
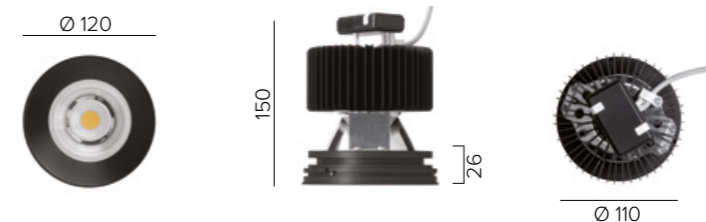


# INSIDE 120 R2 / INSIDE 120 R3

## SPECIFICATIONS

base code	64145 INSIDE 120 R2 - 64147 INSIDE 120 R3
typology	Round trimless downlight
mounting	In plasterboard using mounting frame to be separately ordered
aperture	120 mm / 4.72"
height	150 mm / 5.91"
required depth	170 mm / 6.69"
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 69379). Mounting frame for ceiling thickness 13 mm / 0.51" (code 69374). Mounting frame for plasterboard US market (code 69543)
ceiling cut out	125 mm / 4.92". US Market: 135 mm / 5.31"
construction	Fixture and mounting frame: turning and milling aluminum. Extruded aluminum heat sink. Reflector: polycarbonate
finishes	Powder coated. Heat sink anodized
ingress protection	Global IP20, optical housing IP44. North America damp location
lamp type	COB. Remote power supply not included
lamp wattage	INSIDE 120 R2: 23W at 48V DC and 700 mA. North America 48V DC and 700 mA INSIDE 120 R3: 28W at 48V DC and 900 mA. North America 48V DC and 900 mA
lamp lumens	INSIDE 120 R2: 2560lm. INSIDE 120 R3: 3000lm
delivered lumens	INSIDE 120 R2: 1190lm. INSIDE 120 R3: 2160lm
lumen maintenance	50.000h L90
beam	INSIDE 120 R2: 20°, 31°, 49° with softening lens INSIDE 120 R3: 25°, 38°, 55° with softening lens
kelvin	2700K CRI93, 3000K CRI93 and 4000K CRI93 / 3 step MacAdam ellipse
special features	48V DC: unpolarized electronic system - Thermal Sensor - Safe wiring
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 damp location



# INSIDE 120 R2

23 W

## ORDER CODE

BASE CODE	A . POWER SUPPLY		B . KELVIN		C . BEAM	
<b>64145</b>	<b>8</b> 48V DC EXCL. power supply	<b>S</b> listed 48V DC EXCL. power supply	<b>4</b> 4000K CRI93		<b>F</b> spot 20°, soft lens	
	<b>L</b> 700 mA EXCL. power supply	<b>U</b> listed 700 mA EXCL. power supply	<b>5</b> 3000K CRI93		<b>G</b> flood 31°, soft lens	
			<b>8</b> 2700K CRI93		<b>H</b> wide flood 49°, soft lens	
Example: BASE CODE <b>64145</b> A <b>8</b> B <b>8</b> C <b>F</b> D <b>6</b> = <b>64145-88F6</b>						

## D . FINISHES



# INSIDE 120 R3

28 W

## ORDER CODE

BASE CODE	A . POWER SUPPLY		B . KELVIN		C . BEAM	
<b>64147</b>	<b>8</b> 48V DC EXCL. power supply	<b>S</b> listed 48V DC EXCL. power supply	<b>4</b> 4000K CRI93		<b>F</b> spot 25°, soft lens	
	<b>L</b> 900 mA EXCL. power supply	<b>U</b> listed 900 mA EXCL. power supply	<b>5</b> 3000K CRI93		<b>G</b> flood 38°, soft lens	
			<b>8</b> 2700K CRI93		<b>H</b> wide flood 55°, soft lens	
Example: BASE CODE <b>64147</b> A <b>8</b> B <b>8</b> C <b>F</b> D <b>6</b> = <b>64147-88F6</b>						

## D . FINISHES



# INSIDE 120 R2 / INSIDE 120 R3

## ACCESSORIES

### REQUIRED ACCESSORIES - NOT INCLUDED

code	description	dimensions mm			
69374	mounting frame for ceiling thickness 13 mm / 0.51"	Ø125xH13			
69379	height adjustable mounting frame for ceiling thickness from 10 to 30 mm / from 0.39" to 1.18"	Ø125xH10-30			
69543	mounting frame for plasterboard US market	Ø125xH13			
code	output power	input voltage / frequency	IP	dimensions mm	
69180	30W	90-264V	47-63Hz	IP20	L160xW46xH30
69182	60W	90-305V	47-63Hz	IP67	L163xW43xH32
69183	100W	90-264V	47-63Hz	IP20	L201xW70xH35
69188	150W	90-305V	47-63Hz	IP67	L228xW68xH39
69189	240W	90-305V	47-63Hz	IP67	L244xW68xH39
69089	ON/OFF, 25W / max 1	176-264V	50-60Hz	IP20	L135xW38xH28
69092	1-10V, 25W / max 1	99-264V	50-60Hz	IP20	L103xW67xH21
69074	DALI, 32W / max 1	110-240V	50-60Hz	IP20	L103xW67xH21
69094	ON/OFF, 38W / max 1	176-264V	50-60Hz	IP20	L130xW42xH30
69093	1-10V, 50W / max 1	99-264V	50-60Hz	IP20	L129xW76xH30
69077	DALI, 60W / max 2	99-264V	50-60Hz	IP20	L129xW76xH30

**Power supply 48V DC\* ON/OFF**

**Power supply 700 mA max No. fixtures INSIDE 120 R2 only**

**Power supply 900 mA max No. fixtures INSIDE 120 R3 only**

**Class 2 power supply 48V DC 700 mA 900 mA**

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

### OPTIONAL ACCESSORIES

code	page	description	input voltage	IP	dimensions mm
69102/69103		<b>Control unit 48V DC Dimmer interface 0-10V interface</b>			
69102	554	SMART DIMM MASTER 1 Dimmer interface master (four channels max 120 luminaires and No. 32 SMART DIMM SLAVE 1) or 0-10V interface (one channel max 120 luminaires and No. 32 SMART DIMM SLAVE 1, active signal is required)	48V DC	IP20	W58xD35xH16
69103	554	SMART DIMM SLAVE 1 DMX interface or dimmer interface slave (four channels max 120 luminaires)	48V DC	IP20	W58xD35xH16