

lucifero's
ARCHI-TECH LIGHTING

Wall Ceiling

estratto da CATGEN20

WALL & CEILING

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APP-LIQUES
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W, COOK, EAT



BELL

YOU MAKE
ME FEEL
LUSH



WALL CEILING

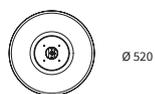
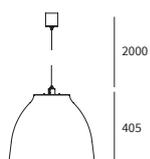
BELL

Apparecchio a sospensione per illuminazione diretta diffusa, con sorgente LED 20,5W e CRI>90, alimentazione elettronica integrata 50/60Hz 230/240V, oppure per lampada E27 non inclusa. Corpo lampada in alluminio tornito in lastra, finitura nero opaco esterna e oro o bianco interno o versione tutta bianca, verniciata a polvere e stabilizzata in forno. Grado di protezione IP20.

Suspended luminaire for direct diffused lighting, with 20.5W LED source and CRI> 90, integrated electronic power supply 50/60Hz 230/240V, or for E27 lamp source, not included. Lamp body in turned aluminum sheet, matte black exterior and gold or white interior finish or total white, powder coated and oven stabilized. IP20.



BELL SOSPENSIONE - SUSPENSION



LED

W	ø mm	H	Kg	lm prod	3000K lm/W	CODE	Col.
20,5	520	405 + 2000	3,7	2237	113	BE001.9	/01 /28 /42

- KELVIN
- 30** 3000K
- 40** 4000K

Alimentatore dimmerabile a taglio di fase incluso per dimmer dedicati tipo Vimar EvoEikon od equivalenti. Phase cut driver, to be used with Vimar EvoEikon or equivalent dimmers, included

E27 230V

W	ø mm	H	Kg	CODE	Col.
1 x max 100	520	405+2000	2,5	BE002	/01 /28 /42

Lampadina non inclusa | Lamp not included



WALL CEILING



ICEMENTI



WALL CEILING

AEROPORTO BOLOGNA
PHOTO AEROPORTO

ICEMENTI

INDOOR

Famiglia di apparecchi da soffitto, sospensione e parete, per illuminazione diffusa o diretta/indiretta. Completi di sorgenti LED chip on board e alimentazione elettronica integrata 50/60Hz.

Corpo in VFRC (vinilic fiber reinforced concrete) cemento fibrato alleggerito. Le versioni a luce diffusa sono dotate di schermo diffondente in PC opalino bianco (Zero51). Nelle versioni da parete il gruppo ottico è in alluminio con vetro temperato extrachiario. Grado di protezione IP20, IP40 o IP65 a seconda dei modelli.

Family of ceiling, suspended and wall luminaires, for diffused or direct/indirect lighting. Complete with chip on board LED sources and integrated 50/60Hz electronic power supply. Body in VFRC (vinyl fiber reinforced concrete) lightweight cement fiber. The diffused light versions are equipped with a white opal PC (Zero51). In the wall versions the optical unit is in aluminum with extra-clear tempered glass. IP20, IP40 or IP65 depending on the models.





WALL CEILING

CLINICA SAN VICENTE - SPAIN
PROJECT TAO ILUMINACION
PHOTO BIDERBOST

ZERO51 SOFFITTO - CEILING MOUNTED



LED						CODE	
W	Ø	H	Kg	lm prod 3000K			
45	700	150	17	3358		IC210.8	
96	1000	150	26	6716		IC211.8	
168	1300	150	40	11752		IC212.8	

- KELVIN
- DIMMABLE (OPTIONAL)
- 30** 3000K
- 40** 4000K
- D** DALI

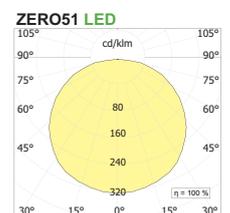
ZERO51 SOSPENSIONE - HANGING



LED						Dali	
W	Ø	H	Kg	lm prod. 3000K			
45	700	150	18	3358		IC220.8	
96	1000	150	27	6716		IC221.8	
168	1300	150	41	11752		IC222.8	

- KELVIN
- DIMMABLE (OPTIONAL)
- 30** 3000K
- 40** 4000K
- D** DALI

Corpo in Cementolight® un cemento leggero, ottenuto con un impasto di inerti selezionati e cariche alleggerenti, a cui si aggiungono additivi per migliorare le caratteristiche meccaniche | Body in Cementolight® lightweight cement, made of a mixture of selected inert materials, lightweight fillings and additives added to improve its mechanical properties.

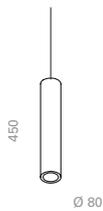




PRIVATE RESIDENCE - SYDNEY AUSTRALIA
DESIGN ALI GRIFFITH DESIGN
LIGHTING PROJECT GINEICO LIGHTING

2B0

2B01 SOSPENSIONE 2B01 HANGING MOUNTED



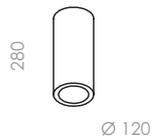
LED GU10 230V

W	∅	H	Kg	CODE
1 x max 50	80	450	2.96	IC1401

Lampadina non inclusa | Lamp not included



2B02 SOFFITTO 2B02 CEILING MOUNTED

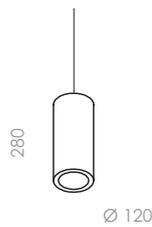


QPAR30 E27 230V

W	∅	H	Kg	CODE
1 x max 100	120	280	3.10	IC1201

Lampadina non inclusa | Lamp not included

2B02 SOSPENSIONE 2B02 HANGING MOUNTED



QPAR30 E27 230V

W	∅	H	Kg	CODE
1 x max 100	120	280	3.5	IC1301

Lampadina non inclusa | Lamp not included

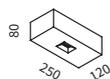
Corpo in Cementlight® un cemento leggero, ottenuto con un impasto di inerti selezionati e cariche alleggerenti, a cui si aggiungono additivi per migliorare le caratteristiche meccaniche | Body in Cementlight® lightweight cement, made of a mixture of selected inert materials, lightweight fillings and additives added to improve its mechanical properties.

PRIVATE RESIDENCE – PERTH, AUSTRALIA
ARCHITECT: WRIGHT FELDHUSEN ARCHITECTS
LIGHTING PROJECT: GINEICO LIGHTING

BRIQUE



BRIQUE O PARETE BRIQUE O WALL



LED 230V

W	Dim.	H	Kg	lm prod 3000K	CODE
1x8	120x250	80	3	758	IC810.8
2x8	120x250	80	3	1515	IC811.8

- Kelvin
- 27** 2700K
- 30** 3000K
- 40** 4000K

BRIQUE V PARETE BRIQUE V WALL

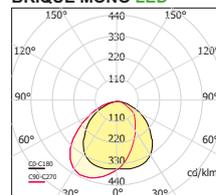


LED 230V

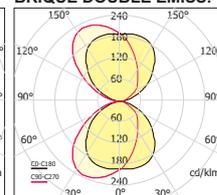
W	Dim.	H	Kg	lm prod 3000K	CODE
1x8	120x100	200	3	758	IC910.8
2x8	120x100	200	3	1515	IC911.8

- Kelvin
- 27** 2700K
- 30** 3000K
- 40** 4000K

BRIQUE MONO LED

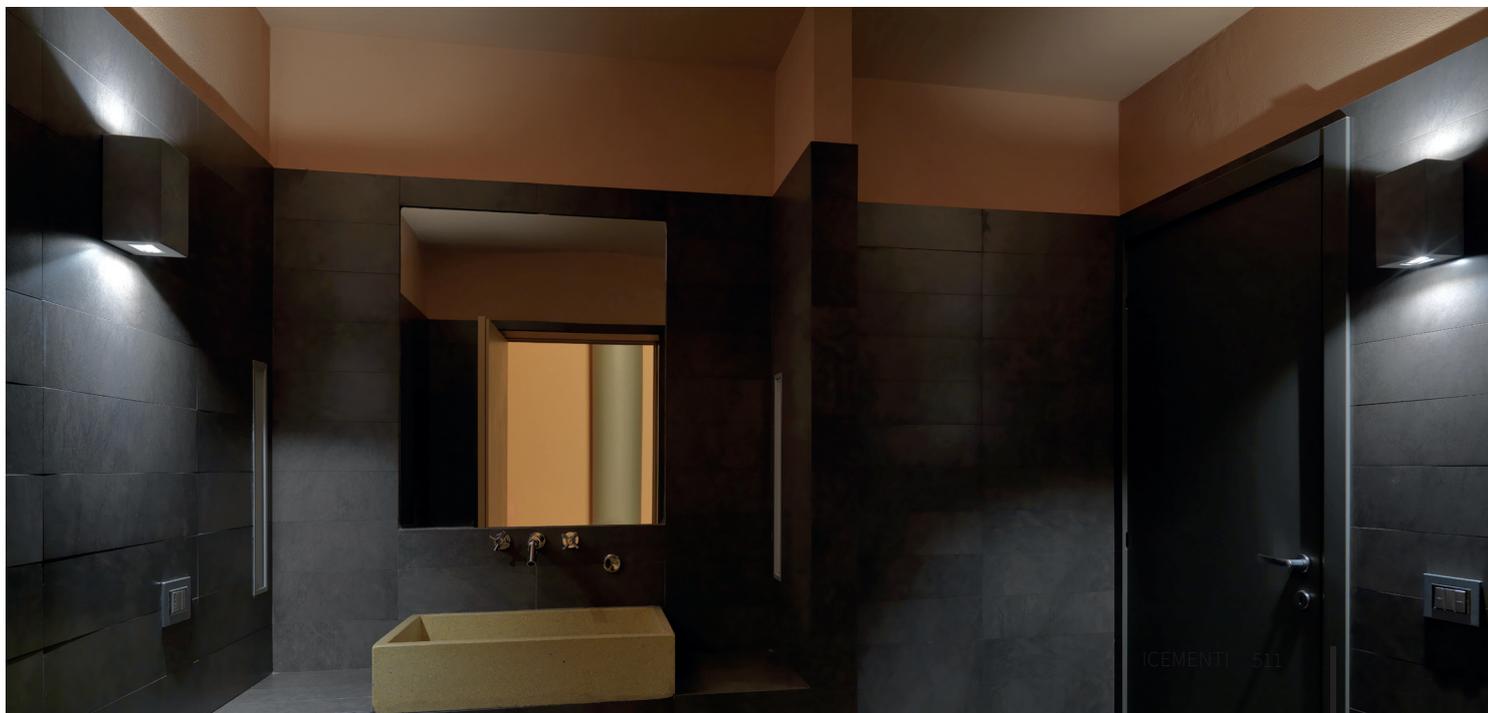


BRIQUE DOUBLE EMISS.



WALL CEILING

Corpo in Cementolight® un cemento leggero, ottenuto con un impasto di inerti selezionati e cariche alleggerenti, a cui si aggiungono additivi per migliorare le caratteristiche meccaniche | Body in Cementolight® lightweight cement, made of a mixture of selected inert materials, lightweight fillings and additives added to improve its mechanical properties.



IPIPEDI Q

Apparecchi a soffitto o parete per illuminazione diretta o diretta /indiretta, per sorgenti a tensione di rete LED con attacco GU10 o G9. Corpo a sezione quadrata in estruso di alluminio in finitura verniciata. Completi di staffa per fissaggio a soffitto o parete a seconda del modello. Grado di protezione IP20 e classe I.

Ceiling or wall mounted luminaires for direct or direct/indirect lighting, for LED mains voltage sources with GU10 or G9 socket. Square section body in extruded aluminum in painted finish. Complete with bracket for ceiling or wall mounting depending on the model. IP20 and class I.

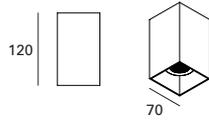




WALL CEILING



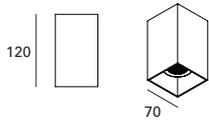
I-PIPEDI Q GU10 SOFFITTO
I-PIPEDI Q GU10 CEILING



GU10 LED

W	Dim.	H	CODE	Col.
50	70x70	120	PPQ20	/01 /02 /60 /99

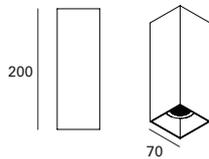
I-PIPEDI Q GU10 MONOEMISSIONE PARETE
I-PIPEDI Q GU10 WALL - MOUNTED MONOEMISSION



GU10 LED

W	Dim.	H	CODE	Col.
50	70x70	120	PPQ11	/01 /02 /60 /99

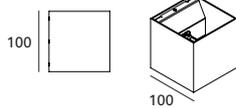
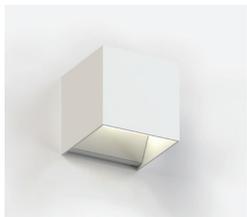
I-PIPEDI Q G10 PARETE BIEMISSIONE
I-PIPEDI Q GU10 WALL - MOUNTED DOUBLE EMISSION



GU10 LED

W	Dim.	H	CODE	Col.
2x50	70x70	200	PPQ12	/01 /02 /60 /99

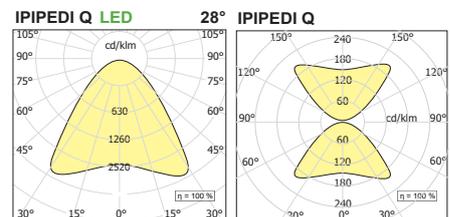
I-PIPEDI Q G9 BIEMISSIONE PARETE
I-PIPEDI Q G9 WALL - MOUNTED DOUBLE EMISSION



G9 230V

W	Dim.	H	CODE	Col.
1 X max 60	100x100	100	PPQ10	/01 /02 /60 /99

WALL CEILING



I-PIPEDI

Apparecchi a soffitto, sospensione e parete per illuminazione diretta o diretta/indiretta, completi di sorgenti LED professionali o per lampade LED GU10 230V. Completi di gruppo di alimentazione. Corpo cilindrico in estruso di alluminio finitura verniciata. Completi di staffa per fissaggio a soffitto, cavi di sospensione in acciaio con sistema di regolazione micrometrica e cavo di alimentazione L.2000 mm. o basetta di fissaggio a parete a seconda dei modelli. Grado di protezione IP20.

Ceiling, suspended or wall luminaires for direct or direct/indirect lighting, complete with professional LED sources or GU10 230V LED bulbs. Integrated power supply unit. Cylindrical body in extruded aluminum with painted finish. Complete with ceiling mounting brackets, steel suspension cables with micrometric adjustment system and power cable L.2000 mm. or wall fixing base according to the models. IP20.





WALL CEILING

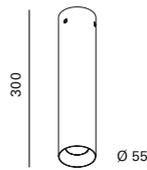
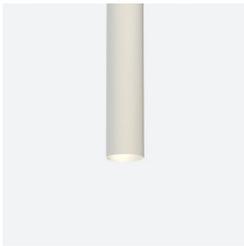
LOCATION: GALERIA CENTRO INTERNACIONAL DE CULTURA CONTEMPORANEA - SPAIN
PROJECT LIGHTING PROJECT TAO ILLUMINACION





HOYNE - SYDNEY OFFICE
DESIGNER INTERNI
LIGHTING PROJECT GINEICO LIGHTING

I-PIPEDI R55 SOFFITTO CEILING



LED				lm product/beam 3000K		CODE	Col.
W	∅	H	Kg	24°	36°		
6,8	55	300	1,07	330	450	PP011.9	/01 /02 /60 /99

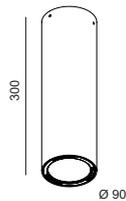
LED				lm product/beam 3000K		CODE	Col.
W	∅	H	Kg	27°	46°		
12	55	300	1,07	1285	1289	PP013.9	/01 /02 /60 /99
18	55	300	1,07	1575	1579	PP014.9	/01 /02 /60 /99

- Kelvin 27 2700K | ● Beam F 27° | ● Dimmable (optional)
- 30 3000K | ● W 46° | ● DF Dimm. Taglio di Fase / Dimmable trailing/leading edge
- 40 4000K

GU10 LED 230V				H	Kg	CODE	Col.
W	∅						
1x max 50	55	300	1,04	PP013	/01 /02 /60 /99		

I-PIPEDI R90 SOFFITTO CEILING

Versione base con driver dimmerabile taglio di fase incluso | Trailing/leading edge dimmable included in Led base version.



LED				lm product/beam 3000K		CODE	Col.
W	∅	H	Kg	24°	38°		
17	90	300	1,827	1827	1905	PP021.9	/01 /02 /60 /99
24,3	90	300	2,356	2356	2430	PP022.9	/01 /02 /60 /99

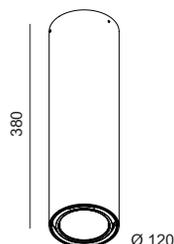
- Kelvin 27 2700K | ● Beam F 24° | ● Dimmable (optional)
- 30 3000K | ● W 38° | ● D Dali
- 40 4000K

GU10 LED 230V				H	CODE	Col.
W	∅					
1x max 50	90	300	PP023	/01 /02 /60 /99		

Accessori - accessories: L085#A: Anello ø85 - Lens with ring ø85

I-PIPEDI R120 SOFFITTO CEILING

Versione 17/24,3W base con driver dimmerabile taglio di fase incluso | Trailing/leading edge dimmable included in Led base version.



LED				lm product/beam 3000K		CODE	Col.
W	∅	H	Kg	24°	38°		
17	120	380	1,827	1827	1905	PP031.9	/01 /02 /60 /99
24,3	120	380	2,356	2356	2430	PP032.9	/01 /02 /60 /99
32	120	380	2,885	2885	2955	PP033.9	/01 /02 /60 /99

- Kelvin 27 2700K | ● Beam F 24° | ● Dimmable (optional)
- 30 3000K | ● W 38° | ● D Dali
- 40 4000K

Accessori - accessories: L0105#A: Anello 105 - Lens with ring ø105

LENTE CON ANELLO

LENS WITH RING

Per proiettori da $\varnothing 90$. Aumenta l'altezza del prodotto di 10mm

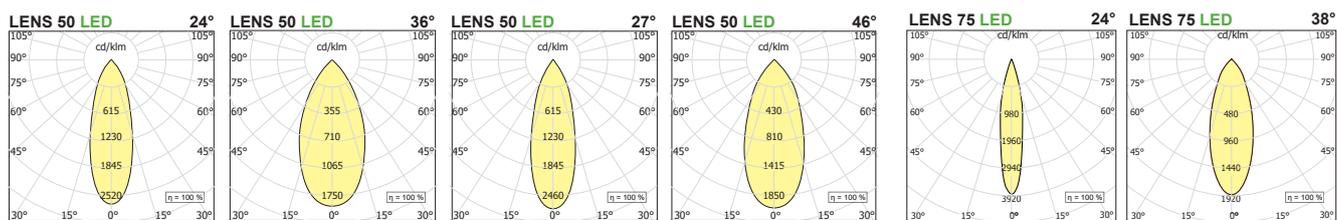


	\varnothing mm	Kg	CODE
LENTE SATINATA CON ANELLO / SATIN LENS WITH RING	85	0,02	L085S.A
	105	0,03	L105S.A

	\varnothing mm	Kg	CODE
LENTE ELISSOIDALE CON ANELLO / ELIPSOID LENS WITH RING	85	0,02	L085E.A
	105	0,03	L105E.A

	\varnothing mm	Kg	CODE
LENTE ASIMMETRICA CON ANELLO / ASYMMETRIC LENS	85	0,02	L085A.A
	105	0,03	L105A.A

	\varnothing mm	Kg	CODE
FILTRO NIDO D'APE / HONEY COMB LOUVER RING	85	0,02	L085R.A
	105	0,03	L105R.A

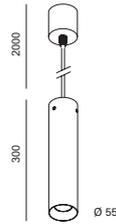


NETTUNO RISTORANTE - RIMINI
PHOTO MARIO FLORES

IPIPEDI R55S SOSPENSIONE

IPIPEDI R55S SUSPENSION

A++ CRI >90 IP20 A CE



LED W	ø mm	H mm	Kg	lm product/beam 3000K		CODE	Col.
				24°	36°		
6,8	55	300	1,26	330	450	PP111.9	/01 /02 /60 /99

● Kelvin ● Beam ● Dimmable (optional)
30 3000K **F** 24° **DF** Dimm. Taglio di Fase / Dimmable trailing/leading edge
27 2700K **W** 36°

LED W	ø mm	H mm	Kg	lm product/beam 3000K		CODE	Col.
				27°	46°		
12	55	300	1,26	1285	1289	PP112.9	/01 /02 /60 /99
18	55	300	1,26	1575	1579	PP152.9	/01 /02 /60 /99

● Kelvin ● Beam ● Dimmable (optional)
27 2700K **F** 27° **DF** Dimm. Taglio di Fase / Dimmable trailing/leading edge
30 3000K **W** 46°
40 4000K

A++ IP20 CE

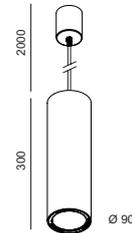
GU10 LED 230V W	ø mm	H mm	Kg	CODE	Col.
1xmax 50	55	300	1,22	PP113	/01 /02 /60 /99

I-PIPEDI R90S SOSPENSIONE

I-PIPEDI R90S SUSPENSION

A++ CRI >90 IP20 A CE

Nella versione base PP121 PP122 il drive Dimmerabile taglio di fase è incluso. | PP121 PP122 Base version is Trailing/leading edge dimmable.



LED W	ø mm	H mm	lm product/beam 3000K		CODE	Col.
			24°	38°		
17	90	300	1827	1905	PP121.9	/01 /02 /60 /99
24,3	90	300	2356	2430	PP122.9	/01 /02 /60 /99

● Kelvin ● Beam ● Dimmable (optional)
27 2700K **F** 24° **D** Dali
30 3000K **W** 38°
40 4000K

A++ IP20 CE

GU10 LED 230V W	ø mm	H mm	CODE	Col.
1xmax 50	90	300	PP123	/01 /02 /60 /99

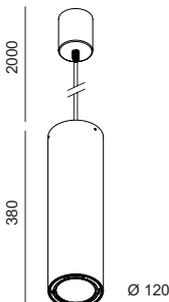
Accessori - accessories: L085#.A: Anello ø85 + lente

I-PIPEDI R120S SOSPENSIONE

I-PIPEDI R120S SUSPENSION

A++ CRI >90 IP20 A CE

Nella versione base PP131 PP132 il drive Dimmerabile taglio di fase è incluso. | PP131 PP132 base version is Trailing/leading edge dimmable.



LED W	ø mm	H mm	lm product/beam 3000K		CODE	Col.
			24°	38°		
17	120	380	1827	1905	PP131.9	/01 /02 /60 /99
24,3	120	380	2356	2430	PP132.9	/01 /02 /60 /99
32	120	380	2885	2955	PP133.9	/01 /02 /60 /99

● Kelvin ● Beam ● Dimmable (optional)
27 2700K **F** 24° **D** Dali
30 3000K **W** 38°
40 4000K

Accessori - accessories
 L0115#.#: anello Ø115 con lente - lens with ring Ø115

LENTI CON ANELLO OPTIONAL
LENSES WITH RING



	ø mm	Kg	CODE	Col.
LENTE SATINATA/SATINED LENS	85	0,02	L085S.A	/01
	115	0,03	L115S.A	/02



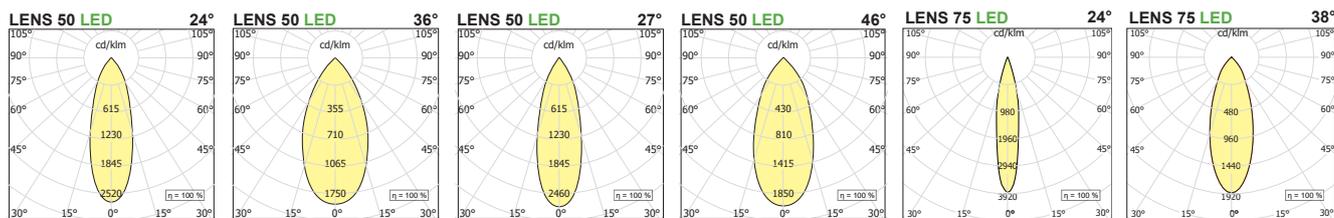
	ø mm	Kg	CODE	Col.
LENTE ELISSOIDALE/ELIPSOID LENS	85	0,02	L085E.A	/01
	115	0,03	L115E.A	/02



	ø mm	Kg	CODE	Col.
LENTE ASIMMETRICA/ASYMMETRIC LENS	85	0,02	L085A.A	/01
	115	0,03	L115A.A	/02



	ø mm	Kg	CODE	Col.
FILTRO NIDO D'APE/HONEY COMB LOUVER	85	0,02	L085R.A	/01
	115	0,03	L115R.A	/02



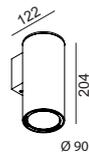
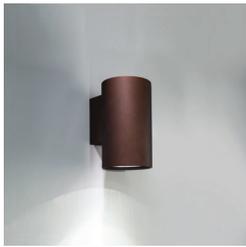
CUCINA CANTINA - PIAZZA G. ROMANO - CERALEU
PHOTO ALDO BELVEDERE

I-PIPEDI R90A PARETE MONO EMISSIONE

I-PIPEDI R90A SINGLE EMISSION WALL



Versione base con driver dimmerabile taglio di fase incluso | Trailing/leading edge dimmable included in Led base version.



LED W	ø	H	lm product/beam 3000K		CODE	Col.
			24°	38°		
17	90	204	1827	1905	PP221.9	/01 /02 /60 /99

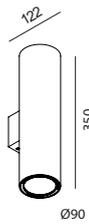
Accessori - Accessories: L085#.A: Anello ø85 + lente - Lens with rings ø85

● Kelvin	● Beam	● Dimmable (optional)
27 2700K	F 24°	D Dali
30 3000K	W 38°	
40 4000K		

I-PIPEDI R90A2 PARETE BI EMISSIONE

DOUBLE EMISSION WALL

Versione base con driver dimmerabile taglio di fase incluso | Trailing/leading edge dimmable included in Led base version.



LED W	ø	H	lm product/beam 3000K		CODE	Col.
			24°	38°		
2x17	90	350	3654	3810	PP321.9	/01 /02 /60 /99

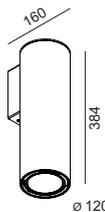
Accessori - Accessories: L085#.A: Anello ø85 + lente - Lens with rings ø85

● Kelvin	● Beam	● Dimmable (optional)
27 2700K	F 24°	D Dali
30 3000K	W 38°	
40 4000K		

I-PIPEDI R120A PARETE MONO EMISSIONE

SINGLE EMISSION WALL

Versione base con driver dimmerabile taglio di fase incluso | Trailing/leading edge dimmable included in Led base version.



LED W	ø	H	lm product/beam 3000K		CODE	Col.
			24°	38°		
24,3	120	380	2356	2430	PP232.9	/01 /02 /60 /99

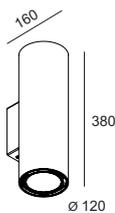
Accessori - Accessories: L115#.A: Anello ø115 + lente - Lens with rings ø115

● Kelvin	● Beam	● Dimmable (optional)
27 2700K	F 24°	D Dali
30 3000K	W 38°	
40 4000K		

I-PIPEDI R120A2 PARETE BI EMISSIONE

DOUBLE EMISSION WALL

Versione base con driver dimmerabile taglio di fase incluso | Trailing/leading edge dimmable included in Led base version.



LED W	ø	H	lm product/beam 3000K		CODE	Col.
			24°	38°		
2x24,3	120	380	4712	4860	PP332.9	/01 /02 /60 /99

Accessori - Accessories: L115#.A: Anello ø115 + lente - Lens with rings ø115

● Kelvin	● Beam	● Dimmable (optional)
27 2700K	F 24°	D Dali
30 3000K	W 38°	
40 4000K		

LENTI CON ANELLO OPTIONAL

LENSES WITH RING



	ø mm	Kg	CODE	Col.
LENTE SATINATA / SATINED LENS	85	0,02	L085S.A	/01
	115	0,03	L115S.A	/02

	ø mm	Kg	CODE	Col.
LENTE ELISSOIDALE / ELIPSOID LENS	85	0,02	L085E.A	/01
	115	0,03	L115E.A	/02

	ø mm	Kg	CODE	Col.
LENTE ASIMMETRICA / ASYMMETRIC LENS	85	0,02	L085A.A	/01
	115	0,03	L115A.A	/02

	ø mm	Kg	CODE	Col.
FILTRO NIDO D'APE / HONEY COMB LOUVER	85	0,02	L085R.A	/01
	115	0,03	L115R.A	/02



HOTEL AMBAGGIATOR

WALL CELLING

RISTORANTE NETTUNO RIMINI
PHOTO MARIO FLORES

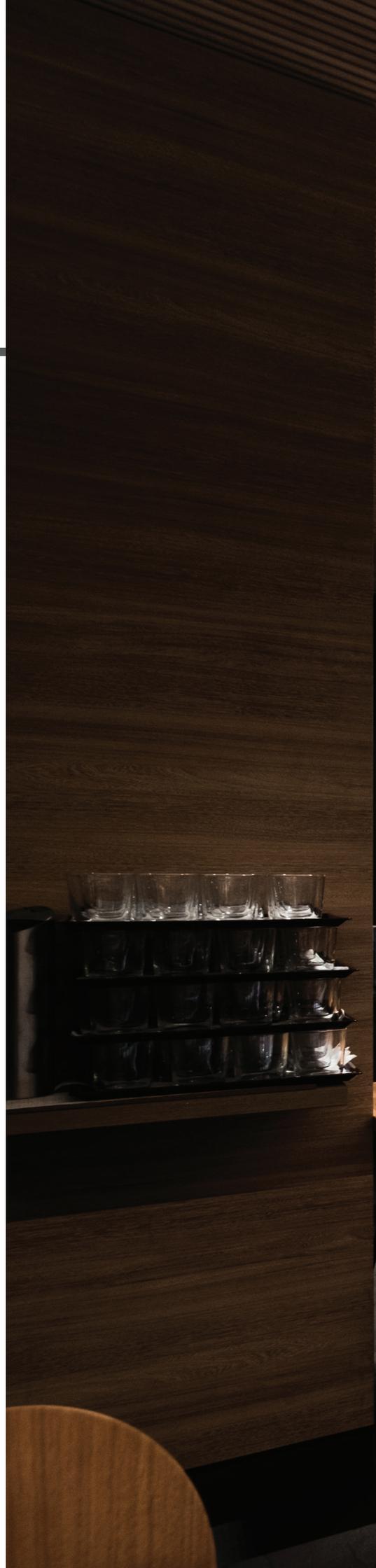
LEVA

MODULI FINITI

DEFAULT MODULES

Collezione di apparecchi da incasso, fissi ed orientabili, con sorgenti LED Chip On Board integrate installabili a soffitto o parete. Corpo apparecchio in estruso di alluminio verniciato. Gruppi ottici antiabbagliamento completi di led chip on board (CRI>90) e lenti. Installabili anche nel container Minifile e File2 mediante apposite staffe. Ottiche spot, flood, wideflood ed ellittiche UGR<16. Alimentatori elettronici remoti on/off inclusi tranne che per i modelli ad una e tre luci. Grado di protezione IP20/IP43.

Collection of recessed luminaires, fixed and adjustable, with integrated Chip On Board LED sources. Ceiling or wall mounted. Luminaire body in painted extruded aluminum. Anti-glare optical groups complete with LED chip on board (CRI> 90) and lenses. They can also be installed in the Minifile and File2 containers using the special brackets as accessory. Spot, flood, wideflood and elliptical optics UGR <16. On/off remote electronic drivers included except for one and three light models. IP20/IP43.





WALL CEILING

IZAKAYA JAPANESE RESTAURANT - SYDNEY
MICHURI DESIGN STUDIO PROJECT
LIGHTING PROJECT PG GINEICO

VERSIONI ALIMENTATORI ESCLUSI-POWER SUPPLIER NOT INCLUDED

LEVA SOFFITTO/PARETE 1

WALL/CEILING



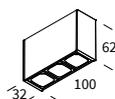
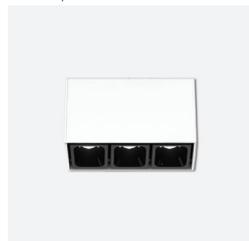
LED W	mA	Dim.	H	Kg	lm prod./beam 3000K				CODE	Col.
					20°	32°	50°	41°x18°		
2,2	700	32x40	62	0.16	200	186	166	175	LV021.9	● ● /01 /02 /41 /42

● Kelvin	● Beam
27 2700K	S 20°
30 3000K	F 32°
40 4000K	W 50°
	Z 41°x18°

Da completare con alimentatore da installare remoto in scatola di derivazione. Per installazione in Container Minifile ordinare n.1 LTM210 staffa per fissaggio modulo luminoso all'interno della cassaforma. | To be completed with power supply to be installed in a remote junction box. To install in Container Minifile order n.1 LTM210 single bracket to fix the lighting module within the wallbox.

LEVA SOFFITTO/PARETE 3

WALL/CEILING



LED W	mA	Dim.	H	Kg	lm prod./beam 3000K				CODE	Col.
					20°	32°	50°	41°x18°		
6,6	700	32x100	62	0.26	601	558	496	526	LV026.9	● ● /01 /02 /41 /42

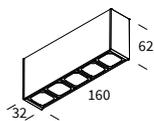
● Kelvin	● Beam
27 2700K	S 20°
30 3000K	F 32°
40 4000K	W 50°
	Z 41°x18°

Da completare con alimentatore da installare remoto in scatola di derivazione. Per installazione in Container Minifile ordinare n.2 LTM210 staffa per fissaggio modulo luminoso all'interno della cassaforma. | To be completed with power supply to be installed in a remote junction box. To install in Container Minifile order n.2 LTM210 single bracket to fix the lighting module within the wallbox.

VERSIONI ALIMENTATORI INCLUSI-INTEGRATED POWER SUPPLIES (ON/OFF)

LEVA SOFFITTO/PARETE 5

WALL/CEILING



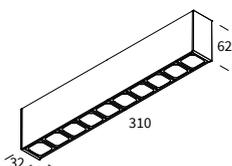
LED W	Dim.	H	Kg	lm prod./beam 3000K				CODE	Col.
				20°	32°	50°	41°x18°		
11	32x160	62	0.34	1002	931	828	877	LV027.9	● ● /01 /02 /41 /42

● Kelvin	● Beam
27 2700K	S 20°
30 3000K	F 32°
40 4000K	W 50°
	Z 41°x18°

Per installazione in Container Minifile ordinare n.2 LTM210 staffa per fissaggio modulo luminoso all'interno della cassaforma. To install in Container Minifile order n.2 LTM210 single bracket to fix the lighting module within the wallbox.

LEVA SOFFITTO/PARETE 10

WALL/CEILING



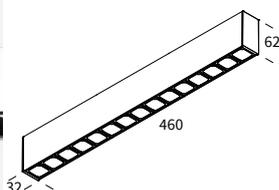
LED W	Dim.	H	Kg	lm product/beam 3000K				CODE	Col.
				20°	32°	50°	41°x18°		
22	32x310	62	0.66	2004	1862	1656	1754	LV028.9	● ● /01 /02 /41 /42

● Kelvin	● Beam
27 2700K	S 20°
30 3000K	F 32°
40 4000K	W 50°
	Z 41°x18°

Per installazione in Container Minifile ordinare n.2 LTM210 staffa per fissaggio modulo luminoso all'interno della cassaforma. To install in Container Minifile order n.2 LTM210 single bracket to fix the lighting module within the wallbox.

LEVA SOFFITTO/PARETE 15

WALL/CEILING

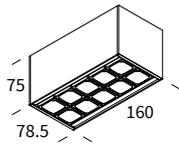


LED W	Dim.	H	Kg	lm product/beam 3000K				CODE	Col.
				20°	32°	50°	41°x18°		
33	32x460	62	0.91	3006	2793	2484	2631	LV029.9	● ● /01 /02 /41 /42

● Kelvin	● Beam
27 2700K	S 20°
30 3000K	F 32°
40 4000K	W 50°
	Z 41°x18°

Per installazione in Container Minifile ordinare n.2 LTM210 staffa per fissaggio modulo luminoso all'interno della cassaforma. | To install in Container Minifile order n.2 LTM210 single bracket to fix the lighting module within the wallbox.

LEVA SOFFITTO/PARETE 5+5
WALL/CEILING

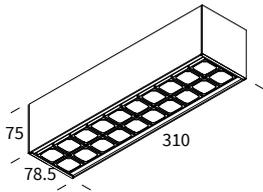


LED W	Dim.	H	Kg	lm prod./beam 3000K			CODE	Col.
				20°	32°	50°		
22	78.5x160	75	0.88	2000	1862	1656	LV083.9	/01 /02 /41 /42

- Kelvin ● Beam
- 27** 2700K **S** 20°
- 30** 3000K **F** 32°
- 40** 4000K **W** 50°

Per installazione in Container File 2 ordinare n.2 LT2891 staffa per fissaggio modulo luminoso all'interno della cassaforma. To install in Container File 2 order n.2 LT2891 single bracket to fix the lighting module within the wallbox.

LEVA SOFFITTO/PARETE 10+10
WALL/CEILING

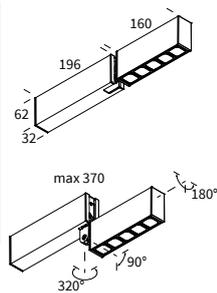


LED W	Dim.	H	Kg	lm prod./beam 3000K			CODE	Col.
				20°	32°	50°		
44	78.5x310	75	1,2	4000	3724	3312	LV084.9	/01 /02 /41 /42

- Kelvin ● Beam
- 27** 2700K **S** 20°
- 30** 3000K **F** 32°
- 40** 4000K **W** 50°

Per installazione in Container File 2 ordinare n.2 LT2891 staffa per fissaggio modulo luminoso all'interno della cassaforma. To install in Container File 2 order n.2 LT2891 single bracket to fix the lighting module within the wallbox.

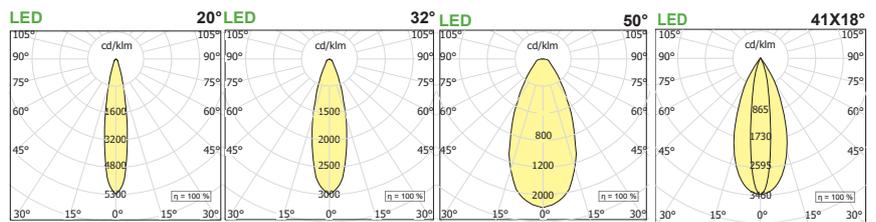
LEVA SOFFITTO/PARETE ROTO-TRASLANTE 5
WALL/CEILING SOFT ROTATE & SLIDE MECHANISM



LED W	lm prod./beam 3000K			CODE	Col.
	20°	32°	50°		
11	1000	931	828	LV034.9	/01 /02 /41 /42

- Kelvin ● Beam
- 27** 2700K **S** 20°
- 30** 3000K **F** 32°
- 40** 4000K **W** 50°

Per installazione in Container Minifile ordinare n.1 LVKL01 staffa per fissaggio modulo luminoso all'interno della cassaforma. To install in Container Minifile order n.1 LVKL01 single bracket to fix the lighting module within the wallbox.



CUCINA CANTINA - PIAZZA DUOMO - CEFALÙ
FOTO ALDO BELVEDERE

FARETÈN

MODULI FINITI

DEFAULT MODULES

Collezione di proiettori di dimensioni estremamente contenute completi di sorgente LED chip on board e driver integrato. La gamma si articola in due tipi di apparecchi: spot LED, di forma sferica, orientabili sull'asse verticale e orizzontale, alloggiati in moduli da cinque unità e proiettori di forma cilindrica di diametro 36 e 55mm., orientabili sull'asse verticale e orizzontale, alloggiati in moduli da uno e due unità. Disponibili inseriti all'interno di un modulo finito in estruso di alluminio, installabile ad incasso con battuta e trimless. Grado di protezione IP20.

Collection of extremely small projectors complete with LED chip on board source and integrated driver. The range is divided into two types of luminaires: LED spots, with spherical shape, adjustable on the vertical and horizontal axis, housed in modules of five units and cylindrical shaped projectors of diameter 36 and 55mm., adjustable on the vertical axis and horizontal, housed in modules of one and two units. Available inserted inside a finished module in extruded aluminum, which can be installed flush-mounted with frame or trimless. IP20.

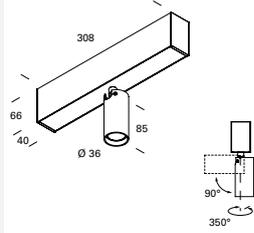




WALL CEILING

FARETÈN FOCUS 41

PARETE/SOFFITTO WALL/CEILING



LED		lm product/beam 3000K			CODE	Col.			
W	Dim.	ø	Kg	19°			28°	18°x38°	
8	40x308	36	0.91	665	695	508	FR001.9		/01 /02

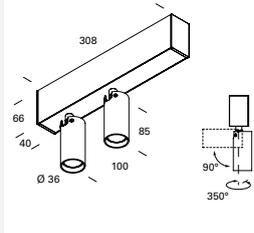
● Kelvin	● Beam	● Dimmable (optional)
27 2700K	S 19°	D Dali
30 3000K	F 28°	
40 4000K	Z 18°x38°	

Per installazione in profilo Container File ordinare n.2 LT2481 staffa per fissaggio modulo luminoso all'interno della cassaforma. | To install in Container File profile order n.2 LT2481 single bracket to fix the lighting module within the wallbox.

Accessori - accessories: LTF1.1000, LTF1.2000, LTF1.3000, LTF1.misura: cassaforma File - wallbox File - LT2480.1: Coppia di testate cassaforma FILE - couple of closure heads for wallbox FILE - LT2481: staffa singola per fissaggio modulo - module fixing single bracket

FARETÈN FOCUS 42

PARETE/SOFFITTO WALL/CEILING



LED		lm product/beam 3000K			CODE	Col.			
W	Dim.	ø	Kg	19°			28°	18°x38°	
16	40x308	36	1.10	1330	1390	1016	FR002.9		/01 /02

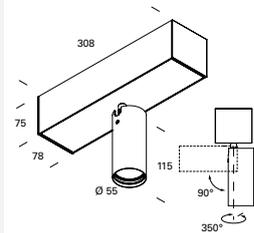
● Kelvin	● Beam	● Dimmable (optional)
27 2700K	S 19°	D Dali
30 3000K	F 28°	
40 4000K	Z 18°x38°	

Per installazione in profilo Container File ordinare n.2 LT2481 staffa per fissaggio modulo luminoso all'interno della cassaforma. | To install in Container File profile order n.2 LT2481 single bracket to fix the lighting module within the wallbox.

Accessori - accessories: LTF1.1000, LTF1.2000, LTF1.3000, LTF1.misura: cassaforma File - wallbox File - LT2480.1: Coppia di testate cassaforma FILE - couple of closure heads for wallbox FILE - LT2481: staffa singola per fissaggio modulo - module fixing single bracket

FARETÈN FOCUS 55

PARETE/SOFFITTO WALL/CEILING



LED		lm product/beam 3000K			CODE	Col.		
W	Dim.	ø	Kg	27°			46°	
12	78x308	55	1.29	1285	1289	FR006.9		/01 /02
18	78x308	55	1.29	1575	1579	FR007.9		

● Kelvin	● Beam	● Dimmable (optional)
27 2700K	F 27°	D Dali
30 3000K	W 46°	
40 4000K		

Per installazione in profilo Container File2 ordinare n.2 LT2891 staffa per fissaggio modulo luminoso all'interno della cassaforma. | To install in Container File2 profile order n.2 LT2891 single bracket to fix the lighting module within the wallbox.

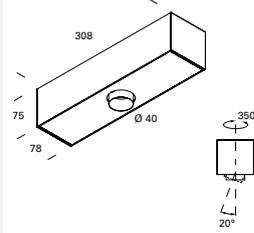
Accessori - accessories:

LTF2.1000, LTF2.2000, LTF2.3000, LTF2.misura: cassaforma File 2 - wallbox File2 - LT2890.1: coppia di testate cassaforma FILE 2 - couple of closure heads for wallbox FILE 2

LT2891: staffa singola File2 - single bracket to fix the lighting modules L055#A: Anello ø55 + lente - lens with ring ø55

FARETÈN SPOT

PARETE/SOFFITTO WALL/CEILING



LED		lm product/beam 3000K			CODE	Col.	
W	Dim.	ømm	H Kg	28°			
5	78x308	40	75 1.00	465	FR005.9		/01 /02

● Kelvin	● Beam	● Dimmable (optional)
27 2700K	F 28°	D Dali
30 3000K		
40 4000K		

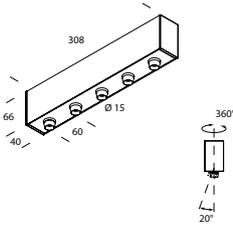
Per installazione in profilo Container File2 ordinare n.2 LT2891 staffa per fissaggio modulo luminoso all'interno della cassaforma. | To install in Container File2 profile order n.2 LT2891 single bracket to fix the lighting module within the wallbox.

Accessori - accessories:

LTF2.1000, LTF2.2000, LTF2.3000, LTF2.misura: cassaforma File 2 - wallbox File2 - LT2890.1: coppia di testate cassaforma FILE 2 - couple of closure heads for wallbox FILE 2 -

LT2891: staffa singola File2 - single bracket to fix the lighting modules

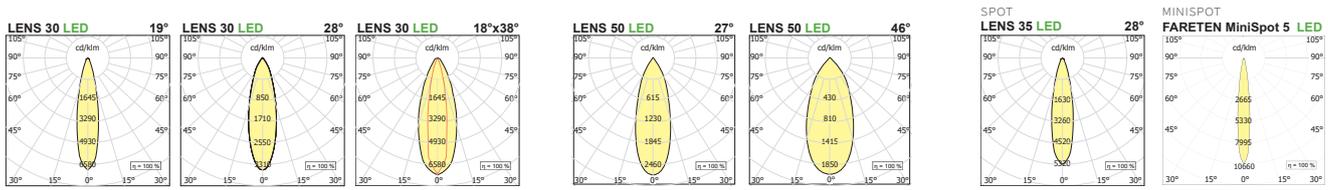
FARETÈN MINISPOT 5 PARETE/SOFFITTO
FARETÈN MINISPOT 5 WALL/CEILING



LED	Dim.	ømm	H	Kg	lm product/beam 3000K	CODE	Col.
W					28°		
7,5	40x308	15	66	0.83	685	FR003.9	/01 /02
● Kelvin	● Beam	● Dimmable (optional)					
27 2700K	F 28°	D Dali					
30 3000K							
40 4000K							

Per installazione in profilo Container File ordinare n.2 LT2481 staffa per fissaggio modulo luminoso all'interno della cassaforma. | To install in Container File profile order n.2 LT2481 single bracket to fix the lighting module within the wallbox.

Accessori - accessories: LTF1.1000, LTF1.2000, LTF1.3000, LTF1.misura: cassaforma File - wallbox File - LT2480.1: Coppia di testate cassaforma FILE - couple of closure heads for wallbox FILE - LT2481: staffa singola per fissaggio modulo - module fixing single bracket



ACCESSORI - ACCESSORIES



CASSAFORMA CONTAINER PER INCASSO RASATO IN CARTONGESSO O LATERIZIO CEMENTO
WALLBOX CONTAINER FOR TRIMLESS RECESSED IN PLASTERBOARD OR BRICKWALL AND CONCRETE

LTF1.### PAG. 254

LTF2.### PAG. 256

FILE 2 COMPLEMENTI

Apparecchi a soffitto per illuminazione diretta, completi di sorgenti LED professionali o per lampade GU10 LED. Corpo quadrato o rettangolare in lamiera di acciaio verniciata. Completi di staffa per fissaggio a soffitto. Suggesti in abbinamento a moduli finiti e profili File2 oppure all'interno del Containers File2.

Ceiling fixtures for direct lighting, complete with professional LED sources or for GU10 LED lamps. Square or rectangular body in painted steel. Complete with bracket for ceiling fixing. Recommended in combination with finished modules and File2 profiles or inside the File2 Containers.



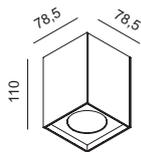


WALL CEILING



SALONE DI BELLEZZA - PESCARA
PHOTO ER STUDIO

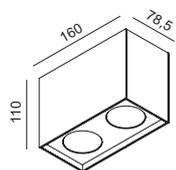
FILE2 COMPLEMENTI 1



LED		Dim.		H	lm product/beam 3000K		CODE	Col.
W					24°	36°		
6,8	78x78			110	330	450	LT2660.9	● ● /01 /02 /49
GU10 LED 230V		Dim.		H	CODE		Col.	
W								
50	78x78			110	LT2660		/01 /02 /49	

- Kelvin
- Beam
- 27** 2700K
- 30** 3000K
- 40** 4000K
- F** 24°
- W** 36°

FILE2 COMPLEMENTI 2



LED		Dim.		H	lm product/beam 3000K		CODE	Col.
W					24°	36°		
13,60	78x160			110	660	900	LT2661.9	● ● /01 /02 /49
GU10 LED 230V		Dim.		H	CODE		Col.	
W								
100	78x160			110	LT2661		/01 /02 /49	

- Kelvin
- Beam
- 27** 2700K
- 30** 3000K
- 40** 4000K
- F** 24°
- W** 36°

MANINE

Apparecchi a parete mono o biemissione per illuminazione d'accento e di pareti ed angoli. Gruppo ottico completo di sorgenti LED professionali, con alimentazione integrata. Disponibili in versione ad angolo interno 90°, ad angolo esterno 270° oppure piatta. Corpo in metallo finitura verniciata. Grado di protezione IP40.

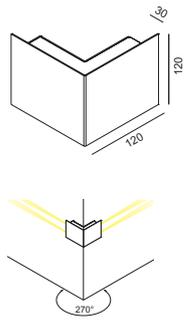
Single or double emission wall mounted luminaires for wall enhancing and corner lighting. Optical unit complete with professional LED sources, with integrated power supply. Available in 90 ° internal angle, 270 ° external angle or flat version. Painted finish metal body. IP40.





WALL
CEILING

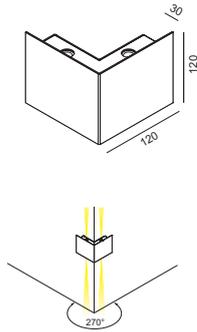
MANINE 270-O BIEMISSIONE ORIZZONTALE
 MANINE 270-O HORIZONTAL DOUBLE EMISSION



LED W	Kg	lm product/beam/3000K	CODE	Col.
6	0,82	14° 368	LT7000.8	/01 /60 /99

- Kelvin
- Beam
- 27 2700K
- 30 3000K
- 40 4000K
- S 14°

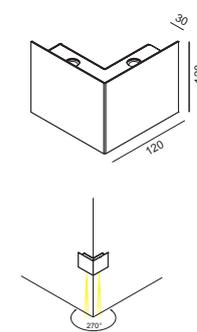
MANINE 270-V BIEMISSIONE VERTICALE
 MANINE 270-V VERTICAL DOUBLE EMISSION



LED W	Kg	lm product/beam/3000K	CODE	Col.
6	0,82	14° 368	LT7004.8	/01 /60 /99

- Kelvin
- Beam
- 27 2700K
- 30 3000K
- 40 4000K
- S 14°

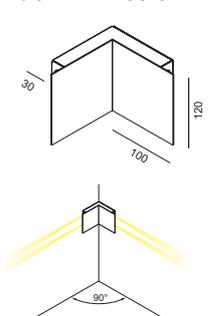
MANINE 270-V MONOEMISSIONE VERTICALE
 MANINE 270-V VERTICAL SINGLE EMISSION



LED W	Kg	lm product/beam/3000K	CODE	Col.
3	0,78	14° 184	LT7002.8	/01 /60 /99

- Kelvin
- Beam
- 27 2700K
- 30 3000K
- 40 4000K
- S 14°

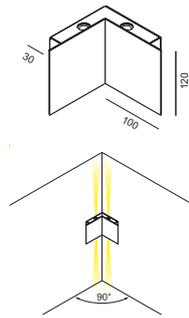
MANINE 90-O BIEMISSIONE ORIZZONTALE
 MANINE 90-O HORIZONTAL DOUBLE EMISSION



LED W	Kg	lm product/beam/3000K	CODE	Col.
6	0,82	14° 368	LT7100.8	/01 /60 /99

- Kelvin
- Beam
- 27 2700K
- 30 3000K
- 40 4000K
- S 14°

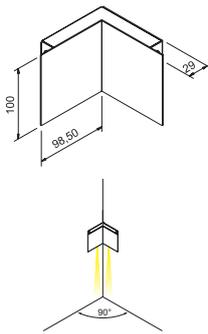
MANINE 90-V BIEMISSIONE VERTICALE
MANINE 90-V VERTICAL DOUBLE EMISSION



LED	W	Kg	lm product/beam/3000K	CODE	Col.
	6	0,82	14° 368	LT7104.8	/01 /60 /99

- Kelvin
- Beam
- 27 2700K
- 30 3000K
- 40 4000K
- S 14°

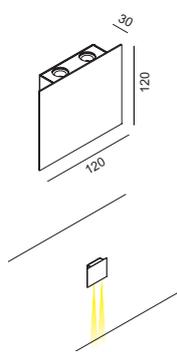
MANINE 90-V MONOEMISSIONE VERTICALE
MANINE 90-V SINGLE EMISSION



LED	W	Kg	lm product/beam/3000K	CODE	Col.
	3	0,78	14° 184	LT7102.8	/01 /60 /99

- Kelvin
- Beam
- 27 2700K
- 30 3000K
- 40 4000K
- S 14°

MANINE PARETE MONOEMISSIONE
MANINE WALL SINGLE EMISSION

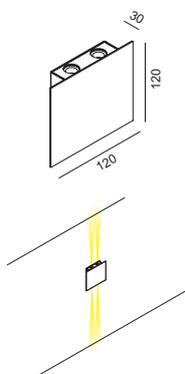


LED	W	Kg	lm product/beam/3000K	CODE	Col.
	3	0,52	14° 184	LT7200.8	/01 /60 /99

- Kelvin
- Beam
- 27 2700K
- 30 3000K
- 40 4000K
- S 14°

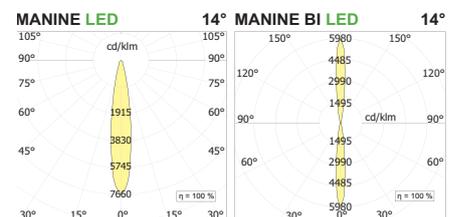
Posizionabile anche in orizzontale. | possible to be installed horizontally

MANINE PARETE BIEMISSIONE
MANINE WALL DOUBLE EMISSION



LED	W	Kg	lm product/beam/3000K	CODE	Col.
	6	0,56	14° 368	LT7300.8	/01 /60 /99

- Kelvin
- Beam
- 27 2700K
- 30 3000K
- 40 4000K
- S 14°



APP-LIQUES

Applique architettuale a sorgente LED lineare. Caratterizzata da dimensioni ultraminimali, installata diventa parte integrante dell'architettura. App-line, una piccola mensola con emissione luminosa indiretta. App-eal, una "L", con emissione luminosa indiretta. Corpo in alluminio pieno lavorato, finitura verniciata. Gruppo ottico completo di schermo di protezione satinato. Grado di protezione IP40.

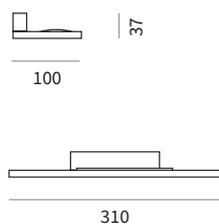
Architectural wall light with linear LED light source. Characterized by ultraminimal dimensions, installed it becomes an integral part of the architecture. App-line, a small shelf with indirect light emission. App-eal, an "L" with indirect light emission. Full machined aluminum body, painted finish. Optical unit complete with satin protection screen. IP40.



WALL CEILING



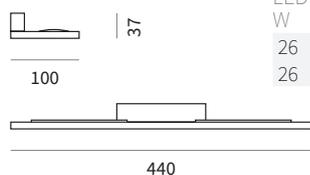
APP-LINE 1



LED		lm product/beam 3000K					CODE	Col.
W	Dim.	H	Kg	k	115°			
13	100x310	37	1	3000	940	APS01	/01	
13	100x310	37	1	4000	960	APS02		

Alimentatote dimmerabile a taglio di fase incluso per dimmer dedicati tipo Vimar EvoEikon od equivalenti.
Phase cut driver, to be used with Vimar EvoEikon or equivalent dimmers, included

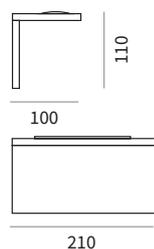
APP-LINE 2



LED		lm product/beam 3000K					CODE	Col.
W	Dim.	H	Kg	K	115°			
26	100x440	37	1,30	3000	1880	APSB1	/01	
26	100x440	37	1,30	4000	1920	APSB2		

Alimentatote dimmerabile a taglio di fase incluso per dimmer dedicati tipo Vimar EvoEikon od equivalenti.
Phase cut driver, to be used with Vimar EvoEikon or equivalent dimmers, included

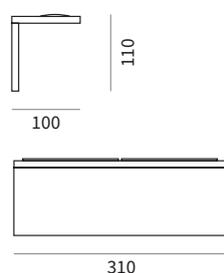
APP-EAL 1



LED		lm product/beam 3000K					CODE	Col.
W	Dim.	H	Kg	K	115°			
13	100x210	110	1,2	3000	940	APE01	/01	
13	100x210	110	1,2	4000	960	APE02		

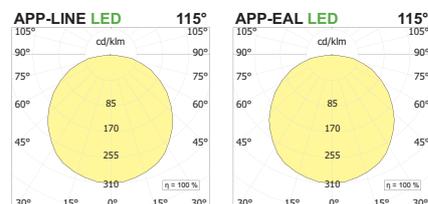
Alimentatote dimmerabile a taglio di fase incluso per dimmer dedicati tipo Vimar EvoEikon od equivalenti.
Phase cut driver, to be used with Vimar EvoEikon or equivalent dimmers, included

APP-EAL 2



LED		lm product/beam 3000K					CODE	Col.
W	Dim.	H	Kg	K	115°			
26	100x310	110	1,5	3000	1880	APEB1	/01	
26	100x310	110	1,5	4000	1920	APEB2		

Alimentatote dimmerabile a taglio di fase incluso per dimmer dedicati tipo Vimar EvoEikon od equivalenti.
Phase cut driver, to be used with Vimar EvoEikon or equivalent dimmers, included



RIGO

Apparecchi a parete per illuminazione diretta o diretta/indiretta diffusa, completi di sorgenti LED professionali. Corpo in metallo finitura verniciata, completi di vetro di protezione satinato. Grado di protezione IP40.

Wall-mounted luminaires for direct or direct/indirect diffused lighting, complete with professional LED sources. Body in painted metal, complete with frosted protective glass. IP40.



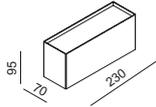


WALL CEILING



RIGO 23 PARETE

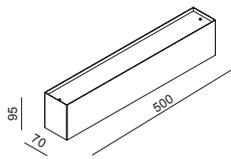
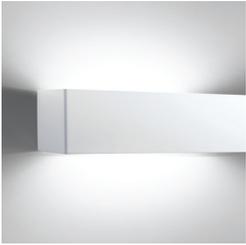
RIGO 23 WALL/CEILING - MOUNTED



LED	W	Dim.	L.mm	lm product/beam 3000K 120°	CODE	Col.
MONO-EMISSION	1x6,2	70x95	230	442	LT17L02	/01
BI-EMISSION	2x6,2	70x95	230	884	LT17LB2	

RIGO 50 PARETE

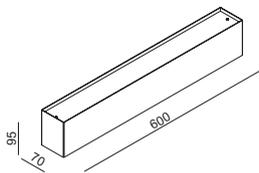
RIGO 50 WALL/CEILING - MOUNTED



LED	W	Dim.	L.mm	lm product/beam 3000K 120°	CODE	Col.
MONO-EMISSION	1x6,5	70x95	500	366	LT17L03	/01
BI-EMISSION	2x6,5	70x95	500	731	LT17LB3	

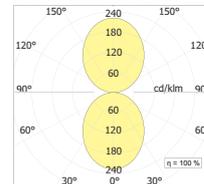
RIGO 60 PARETE

RIGO 60 WALL/CEILING - MOUNTED

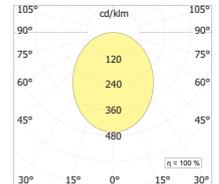


LED	W	Dim.	L.mm	lm product/beam 3000K 120°	CODE	Col.
MONO-EMISSION	1x12,8	70x95	600	1037	LT17L04	/01
BI-EMISSION	2x12,8	70x95	600	2075	LT17LB4	

RIGO biemissione LED



RIGO monoemissione LED



GUIDA ALLA LETTURA - READING GUIDE

POTENZA LAMPADA / POWER BULB

NOME / NAME

DIMENSIONE DIMENSION

PESO / WEIGHT

LUMEN

SIMBOLOGIA SYMBOL

LED 48V

SPOT - 48V

4000

34

LED 48V

W

Ø

kg

lm product / beam 3000K

20° 32° 50°

W	Ø	kg	20°	32°	50°	CODE	Col.
15x2	500	2,4	3000	2793	2484	FXC21.9	/01
20x2	800	3,8	4000	3724	3312	FXC22.9	/02
30x2	1000	4,7	6000	5586	4968	FXC23.9	/36
35x2	1200	5,8	7000	6517	5796	FXC24.9	/41
40x2	1500	7,9	8000	7448	6624	FXC25.9	/42
50x2	1800	8,7	10000	9310	8280	FXC26.9	
75x2	2500	12	15001	13966	12419	FXC27.9	
90x2	3000	14,5	18001	16759	14903	FXC28.9	

LED 20°

LED 32°

LED 50°

cd/klm

105°

90°

75°

60°

45°

30°

15°

0°

15°

30°

45°

60°

75°

90°

105°

1600

3200

4800

5300

100

NOTE

Per le versioni D e D10 abbinare driver 48V ON/OFF. | For D and D10 version che...
Accessori - accessories: LB420: rosone 230V - canopy 230V - LB421: rosone...
plasterboard false-ceiling

CODICE PADRE
BASE CODE

CODICE FINITURA
COLOUR CODE

KELVIN

BEAM

DIMMABLE

SORGENTE
LIGHT SOURCE

CURVA FOTOMETRICA/
PHOTOMETRICAL DATA

HOW TO CREATE THE CODE:

FASCIO/BEAM

CABLE

DIFFUSER

BASE CODE

KELVIN

DIMMABLE

Col.

LB102.9

/01

/02

COLOUR

● KELVIN	● BEAM	● DIMMABLE (OPTIONAL)
27 2700K	F 27°	D DALI
30 3000K	W 46°	D10 DIMMABLE 1-10V
40 4000K		

LB102.930FD/01: proiettore LBS 3000 Kelvin fascio 27° dimmerabile con protocollo DALI
projector LBS 3000 Kelvin beam 27° dimmable whit DALI protocol

ALIMENTATORI - POWER SUPPLIES
p. 632



GRADO DI PROTEZIONE IP - DEGREE OF PROTECTION IP
p. 634



LIVELLO DI ILLUMINAMENTO - LIGHTING LEVEL
p. 635



TAGLI A MISURA - CUSTOM CUTS
p. 637



SIMBOLOGIA - SYMBOLS
p. copertina



COLORI - FINISHING
p. copertina



INDICE CODICI - INDEX CODE p. 638

ALIMENTATORI - POWER SUPPLIES

ATTENZIONE: NEL CASO DI INSERIMENTO IN UN FORO ISPEZIONABILE SI PREGA DI PORRE LA NECESSARIA ATTENZIONE ALLE MISURE DELL'ALIMENTATORE: AXB L E Ø
 ATTENTION: IN CASE OF INSTALLATION IN AN INSPECTABLE HOLE PLEASE PAY ATTENTION TO THE POWER SUPPLY MEASUREMENTS: AXB L AND Ø

	NOTE	TAGLIO DI FASE TRAILING EDGE - LEADING EDGE	DALI	TOUCH & DIMM	1-10 V	I	V IN	V OUT RANGE	W	AXB mm	L mm	FORO Ø mm	IP
350 AE350.8C						350	100÷240V	0÷24	0÷8	35x21,5	60	42	20
AE350.10C						350	220÷240V	9÷31	3÷10	37x21	80	45	20
AE350.10CD		X				350	220÷240V	9÷31	3÷10	37x21	80	45	20
AE350.12C						350	220÷240V	8÷36	3÷12	45x19	123	49	20
AE350.16CD		X				350	220÷240V	29÷46	10÷16	38x29	131	46	20
AE350.16C						350	220÷240V	12÷46	4,2÷16	38x29	131	46	20
AE700.20CD.MP	to be set at 350mA		X			350	100÷264V	0÷43	0÷15	52x22	111	55	20
AE700.20C.10V.MP	to be set at 350mA			X	X	350	100÷264V	0÷57	0÷15	52x22	111	55	20
AE350.25C						350	198-264Vac	10÷72	5÷25	38x29	131	46	20
AE350.25CD		X				350	198-264Vac	45÷72	16÷25	38x29	131	46	20
AE350.50C						350	198÷264V	66÷143	23÷50	70,2x32	170,5	73	20
AE1050.50CD.MP	to be set at 350mA		X	X	X	350	220÷240V	0÷74	0÷25	79x22	124	84	20
AE700.50CD.MP	to be set at 350mA		X	X	X	350	99÷264V	0÷112	0÷40	79x22	124	84	20

500 AE500.6C						500	220÷240V	32÷5	16÷25	38x29	131	46	20
AE500.10C						500	100÷264V	0÷43	0÷20	52x22	111	55	20
AE500.10CD		X				500	100÷264V	0÷43	0÷20	52x22	111	55	20
AE500.16C						500	100÷264V	0÷47	0÷24	67x21	103	72	20
AE500.16CD		X				500	220÷240V	0÷72	0÷35	79x22	124	84	20
AE500.20C1						500	100÷264V	0÷45	0÷20	38x28	122	48	20
AE500.25C						500	100÷264V	0÷47	0÷24	67x21	103	72	20
AE500.25CD		X				500	100÷264V	10÷50	5÷25	67x21	103	46	20
AE700.20C.10V.MP	to be set at 500mA			X	X	500	100÷264V	0÷47	0÷24	67x21	103	72	20
AE700.20C.MP	to be set at 500mA					500	220÷240V	9÷21	4÷10	37x21	80	46	0
AE700.20CD.MP	to be set at 500mA		X			500	198÷264V	0÷40	0÷20	52x22	111	55	20
AE700.32C.10V.MP	to be set at 500mA			X	X	500	100÷264V	0÷43	0÷20	52x22	111	55	20
AE700.32CD.MP	to be set at 500mA		X			500	220÷240V	20÷32	10÷16	38x29	131	46	20
AE1050.50C.MP	to be set at 500mA					500	90÷264V	0÷12	0÷6	35x21,5	68	38	20
AE1050.50CD.MP	to be set at 500mA		X	X	X	500	198÷264V	0÷40	0÷20	52x22	111	55	20

700 AE700.11C						700	220÷240V	0÷16	0÷11	22x19	158	32	20
AE700.10C						700	220÷240V	6÷16	4÷10	37x21	80	45	20
AE700.10CD		X				700	220÷240V	6÷16	4÷10	37x21	80	45	20
AE700.16C						700	198÷264V	6÷23	4,2÷16	38x29	131	46	20

	NOTE	TAGLIO DI FASE TRAILING EDGE - LEADING EDGE	DALI	TOUCH & DIMM	1-10 V	I	V IN	V OUT RANGE	W	AXB mm	L mm	FORO Ø mm	IP
AE700.16CD		X				700	198÷264V	14÷23	10÷16	38x29	131	46	20
AE700.20CD.MP			X			700	100÷264V	0÷28	0÷20	52x22	111	55	20
AE700.20C.10V.MP	to be set at 700mA			X	X	700	100÷264V	0÷28	0÷20	52x22	111	55	20
AE700.25C						700	220÷240V	21÷36	15÷25	38x29	131	46	20
AE700.25CD		X				700	220÷240V	23÷37	16÷25	52x22	111	46	20
AE700.32C1.MP	to be set at 700mA					700	100÷264V	0÷46	0÷32	67x21	103	72	20
AE700.32CD.MP	to be set at 700mA		X			700	100÷264V	0÷46	0÷32	67x21	103	72	20
AE700.32C.10V.MP	to be set at 700mA			X	X	700	100÷264V	0÷46	0÷32	67x21	103	72	20
AE1050.50C.MP	to be set at 700mA		X	X	X	700	100÷264V	2÷71	0÷50	79x22	124	84	20
AE1050.50CD.MP	to be set at 700mA		X	X	X	700	100÷264V	2÷71	0÷50	79x22	124	84	20

900	AE1050.50C.MP	to be set at 900mA				900	100÷264V	2÷55	0÷50	79x22	124	84	20
	AE1050.50CD.MP	to be set at 900mA	X	X	X	900	220÷240V	2÷66	0÷50	79x22	124	84	20

TW	AE105038CD2C.MP	to be set at 350/500/700/900mA	X	X		350 500 700 900	220÷240V	20-50	17,5 25 35 38	70x31	215	75	20
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24V	AE30.24VL					max 1,2 A	220÷240V	24	30	30x16	251	34	20
	AE20.24V					max 0,8 A		24	20	38x29	131	48	20
	AE50.24V					max 2 A	220÷240V	24	50	60x36	225	70	20
	AE75.24V					max 3 A	210÷230V	24	75	63x30	194	65	20
	AE100.2.24V					max 4 A	220÷240V	24	100	70x35	201	79	20
	AE100.24VIP					max 4 A	220÷240V	24	100	63x40,5	270	76	67
	AE100D.24V		X			max 4 A	100÷250V	24	100	75x35	210	83	20
	AE100D.24V.4ALL		X	X		max 4 A	220÷240V	24	100	43x30	295	55	20
	AE150.24VIP					max 6 A	120÷240V	24	150	69x37	210	78	67
	AE150D.24VIP		X			max 6 A	220÷240V	24	150	63x35	220	73	67
	AE150D.24V.4ALL		X	X		max 6 A	220÷240V	24	150	43x30,5	325	55	20

48V	AE50.48V					max 1,0 A	220-240V	48	50	60x36	225	70	20
	AE75.48V					max 1,5 A	220-240V	48	75	60x36	225	70	20
	AE100.48V					max 2,0 A	90-264V	48	100	69,5x39	200,5	80	20
	AE150.48V					max 3,1 A	220-240V	48	150	60x49	240	80	20

12Vac	TRAS/70D	X				max 5,8	230-240V	12Vac	2,5÷50led 2,5÷70Hal	32x20	120	40	20
	TRAS/105D	X				max 8,75	220-240V	12Vac	5÷55 led 20÷105Hal	35x22	117	42	20

GRADI DI PROTEZIONE IP

DEGREE OF PROTECTION IP

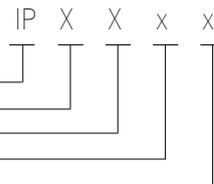
Lettere **IP** (protezione internazionale) **IP** references (international Protection)

Prima parte *First part* 0-6

Seconda parte *Second part* 0 - 8

Terza parte *Third part* A, B, C o D

Quarta parte *Forth part* F, H, M, S, W



La norma europea EN 60529/1997 e la norma tedesca DIN 40050 Parte 9 costituiscono, in combinazione, un documento esaustivo per quel che riguarda i gradi di protezione degli involucri. L'obiettivo di queste norme è quello di: 1) Definire i gradi di protezione degli involucri per apparecchiature elettriche in relazione a: a) Protezione di persone contro il contatto con parti pericolose all'interno degli involucri; b) Protezione delle apparecchiature contenute negli involucri contro l'ingresso di corpi solidi; c) Protezione delle apparecchiature contenute negli involucri contro l'ingresso dannoso dell'acqua. 2) Designare e classificare i gradi di protezione. 3) Stabilire i requisiti per ciascuna designazione. 4) Definire le prove di verifica. Queste norme classificano i gradi di protezione degli involucri attraverso il codice IP. Il codice IP (International Protection oppure Ingress Protection) è costituito da 4 parti caratteristiche che identificano e caratterizzano il grado di protezione di un involucro.

The European EN 60529 standard and the German DIN 40050 standard, part 9, are combined, an exhaustive document as concerns the degrees of protection provided by enclosures. The object of this standard is to give: 1) Definitions for the degrees of protection provided by enclosures for electrical equipment as regards: a) Protection of persons against contact with hazardous parts inside the enclosures; b) Protection of the equipment inside the enclosures against ingress of solid foreign objects; c) Protection of the equipment inside the enclosures against the harmful effects due to the ingress of water. 2) Designations and classification for the degrees of protection. 3) Requirements for each designation. 4) Tests to be performed. These Standards classify the degree of protection of the enclosures with the IP code. The IP code (International Protection or Ingress Protection) is made by 4 parts which identify and characterize the degree of protection provided by the enclosure.

Prima parte, indica la protezione dell'individuo contro la penetrazione di corpi solidi e contro l'accesso anche attraverso attrezzi impugnati da una persona. | *First part indicates the protection of the equipment against the ingress of solid foreign objects and the protection against access to hazardous parts also by means of tools in the hands of a person.*

IP0_	Non protetto. <i>Non-protected.</i>
IP1_	Protetto contro corpi solidi di diametro ≥ 50 mm. <i>Protected against solid foreign objects ≥ 50 mm in diameter.</i> Protetto contro l'accesso col dorso della mano. <i>Protected against access with the back of hand.</i>
IP2_	Protetto contro corpi solidi di diametro $\geq 12,5$ mm. <i>Protected against solid foreign objects $\geq 12,5$ mm in diameter.</i> Protetto contro l'accesso con un dito. <i>Protected against access with a finger.</i>
IP3_	Protetto contro corpi solidi di diametro $\geq 2,5$ mm. <i>Protected against solid foreign objects $\geq 2,5$ mm in diameter.</i> Protetto contro l'accesso con un utensile, per esempio un cacciavite. <i>Protected against access with a tool, for instance with a screwdriver.</i>
IP4_	Protetto contro corpi solidi di diametro ≥ 1 mm. <i>Protected against solid foreign objects ≥ 1 mm in diameter.</i> Protetto contro l'accesso con un filo. <i>Protected against access with a wire.</i>
IP5_	Protetto parzialmente contro la polvere. La penetrazione non è totalmente esclusa, ma essa non deve inficiare il buon funzionamento dell'apparecchiatura o pregiudicarne la sicurezza. <i>Partially dust-protected. Ingress of dust is not totally prevented, but the dust must not enter in sufficient quantity to interfere with satisfactory operation of the equipment or compromise its safety.</i> Protetto parzialmente contro l'accesso di polvere o di un filo sottile. <i>Ingress of dust is not totally prevented, protected against access with a thin wire.</i>
IP6_	Protetto totalmente contro la polvere. <i>Dust-tight. Protection against ingress of dust.</i> Totalmente protetto dalla polvere. <i>No ingress of dust, complete protection against contact (dust tight).</i>

Seconda parte, indica il grado di protezione contro gli effetti dannosi sull'apparecchiatura dovuti alla penetrazione di acqua nell'involucro. Se non è prevista protezione contro l'ingresso di acqua la cifra deve essere sostituita dalla lettera X. Questa parte può essere costituita da livelli aggiuntivi presenti nella norma DIN 40050-9. | *Second part indicates the degree of protection against the harmful effects due to the ingress of water inside the enclosure. If a protection against the ingress of water is not foreseen, the characteristic numeral must be replaced by letter X. This part may consist of additional levels contained in the DIN 40050-9 standard.*

IP_0	Non protetto. <i>Non-protected.</i>
IP_1	Protetto contro la caduta verticale di gocce d'acqua. <i>Protected against the vertical water dripping</i>
IP_2	Protetto contro la caduta verticale di gocce d'acqua con inclinazione dell'involucro fino a 15°. <i>Protected against the water dripping when the enclosure is tilted at an angle up to 15°.</i>
IP_3	Protetto contro la pioggia (con inclinazione dell'involucro fino a 60°). <i>Protected against rain (enclosure tilted up to 60°).</i>
IP_4	Protetto contro gli spruzzi d'acqua (acqua spruzzata da tutte le direzioni). <i>Protected against spraying (water sprayed from any direction).</i>
P_5	Protetto contro i getti d'acqua (da tutte le direzioni). <i>Protected against water jets (from any direction).</i>
IP_6	Protetto contro i getti d'acqua potenti (da tutte le direzioni). <i>Protected against powerful water jets (from any direction).</i>
IP_7	Protetto contro gli effetti dell'immersione temporanea (fino a 1 m). <i>Protected against the effects of temporary immersion (up to 1 m).</i>
IP_8	Protetto contro gli effetti dell'immersione continua (oltre 1 m). <i>Protected against the effects of continuous immersion (beyond 1 m).</i>

Terza parte, è la prima lettera aggiuntiva ed indica il grado di protezione contro l'accesso umano a parti pericolose. Essa viene utilizzata nel caso in cui la protezione contro l'accesso a parti pericolose da parte delle persone è effettivamente superiore a quella indicata dalla prima parte, quando quindi non vi è corrispondenza tra il grado di protezione delle persone contro l'accesso a parti pericolose e il grado di protezione contro l'ingresso di corpi solidi estranei; oppure quando non è indicato il grado di protezione contro l'ingresso di corpi solidi (quindi la prima parte è sostituita da una X) ma solo il grado di protezione contro l'accesso umano.

Third part is the first additional letter and indicates the degree of protection for persons against the access to hazardous parts. It is used when the protection for persons against access to hazardous parts is higher than the one indicated by the first part, usually when there is no coincidence between the degree of protection for persons and the degree of protection against the ingress of solid foreign objects; when the degree of protection against solid foreign objects is not indicated (the first part is replaced by a X), but only the degree of protection for persons.

a	Protetto contro l'accesso col dorso della mano. <i>Protected against access with the back of hand.</i>
b	Protetto contro l'accesso con un dito. <i>Protected against access with a finger.</i>
c	Protetto contro l'accesso con un utensile, per esempio un cacciavite. <i>Protected against access with a tool, for instance with a screwdriver.</i>
d	Protetto contro l'accesso con un filo. <i>Protected against access with a wire.</i>

Quarta parte, dopo la seconda cifra caratteristica o dopo la lettera supplementare, può essere presente una lettera aggiuntiva che fornisce informazioni ulteriori sulla protezione del materiale. *Fourth part, after the second part or after the supplementary letter, an additional letter can be appended to provide further information related to the protection of the device.*

F	Resistente agli olii. <i>Oil resistant.</i>
H	Apparecchiatura ad alta tensione. <i>High-voltage equipment.</i>
M	Provato contro gli effetti dannosi dovuti all'ingresso di acqua quando le sue parti sono in movimento. <i>Tested against the harmful effects due to the ingress of water when its movable parts are in motion.</i>
S	Provato contro gli effetti dannosi dovuti all'ingresso di acqua quando le sue parti non sono in movimento. <i>Tested against the harmful effects due to the ingress of water when its movable parts are not in motion.</i>
W	Adatto all'uso in condizioni atmosferiche specifiche e dotato di misure o procedimenti protettivi aggiuntivi. <i>Suitable for use under specific atmospheric conditions and provided with additional protective measures or proceedings</i>

LIVELLO DI ILLUMINAMENTO - LIGHTING LEVEL UNI 10380/A1

	AMBIENTI MEDICI: 500→750→1000 CAMERE DI DEGENZA, SALE OPERATORIE, AMBULATORI, PRONTO SOCCORSO, CORSIE, CAMERE ASETTICHE	<i>Medical space: 500→750→1000 medical rooms, operating rooms, outpatient wards, emergency treatment rooms, wards, aseptic rooms</i>
	SCUOLE: 300→500→750 AULE, LOCALI DIDATTICI, LABORATORI, SALE RIUNIONI	<i>School: 300→500→750 Classrooms, lab and artistic activity-zones, meeting rooms.</i>
	UFFICI CON VIDEOTERMINALI: 200→300→500 CON ATTIVITÀ A VIDEO SUPERIORE ALLE 6 ORE CONTINUATIVE	<i>Offices with videoterminals: 200→300→500 with video work more than 6 hours</i>
	OPEN SPACE: 200→300→500 UFFICI, GRANDI AREE, AMBIENTI PUBBLICI, SALE D'ATTESA	<i>Open spaces: 200→300→500 offices, big areas, public spaces, waiting rooms</i>
	ARTE E CULTURA: 150→200→300 CINEMA, TEATRI, MUSEI, GALLERIE, CHIESE, BIBLIOTECHE, AUDITORI, MONUMENTI	<i>Art and culture: 150→200→300 cinemas, theatres, museums, galleries, churches, libraries, auditoriums, monuments</i>
	AMBIENTI COMUNI: 150→200→300 CORRIDOI, GIRO SCALE, ASCENSORI	<i>Share spaces: 150→200→300 corridors, stairs, lifts</i>
	CENTRI COMMERCIALI: 500→750→1000 NEGOZI IN GENERE, SALE ESPOSIZIONI, VETRINE, SUPERMERCATI, AEROPORTI, FACCIATE DI NEGOZI	<i>Shopping centres: 500→750→1000 shops in general, showrooms, shop windows, supermarkets, airports, shop fronts</i>
	LOCALI SECONDARI: 150→200→300 SALE MACCHINE, CANTINE, GUARDAROBA, DEPOSITI, BOX, SPOGLIATOI, CUCINE, BAGNI	<i>Secondary spaces: 150→200→300 Cellars, workshops, cloakrooms, deposits, boxes, bathrooms, kitchens, dressingrooms.</i>
	LOCALI GENERALI: 150→200→300 ABITAZIONI, ALBERGHI, CAMERE	<i>General spaces: 150→200→300 residential areas, hotels, rooms</i>
	INDUSTRIE ALIMENTARI: 200→300→500	<i>Food industries: 200→300→500</i>
	RISTORANTI, BAR, MENSE: 150→200→300	<i>Restaurants, bars: 150→200→300</i>
	UFFICI TECNICI: 500→750→1000	<i>Technical offices: 500→750→1000</i>

CUSTOM CUTS

How to order profiles, diffusers, shapers or heatsinks in a non-standard linear length or with ends 45°-angle cut.

A) PROFILE, DIFFUSER, SHAPERS, HEATSINK OF A NON-STANDARD LINEAR LENGTH

- choose the "misura /XX" ref. code of the desired product
- replace the word "misura" with the desired length in mm.
- to calculate the price follow the instructions reported on the pricelist.

Example
MINIFILE Ceiling profile white of 2.530 mm. LTM00.misura becomes LTM00.2530/01

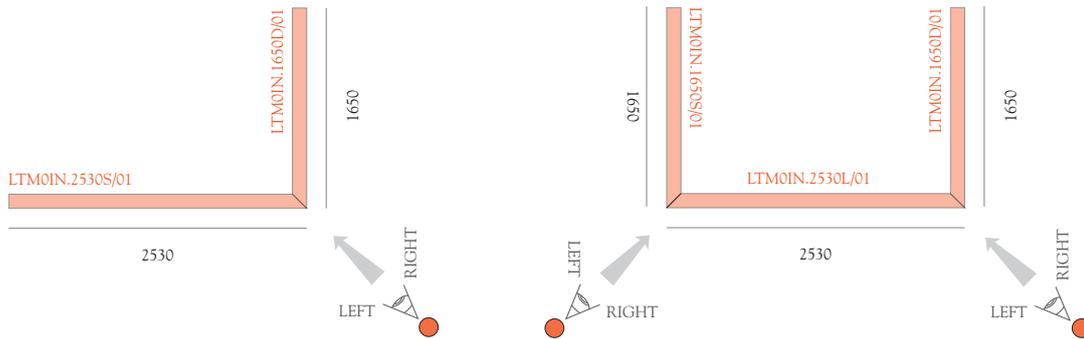
B) PROFILE, DIFFUSER, SHAPERS, HEATSINK WITH ONE OR BOTH ENDS 45°- ANGLE CUT

- choose the "misura /XX" ref. code of the desired product
 - replace the word "misura" with the desired length in mm.
 - Add to the dimension the letters D (right), S (left), L (right/left), Z (left/left), R (right/right) or G (wall/ceiling) according to the desired cut, following the examples hereunder
 - to calculate the price follow the instructions reported on the pricelist.
- Examples (see above)

"L" SHAPED COMPOSITION OF MINIFILE RECESSED PROFILES WHITE, 2.530 X 1.650 MM. AND RELATIVE 45°-ANGLE LEFT AND RIGHT CUTS.

PLAN VIEW FROM ABOVE

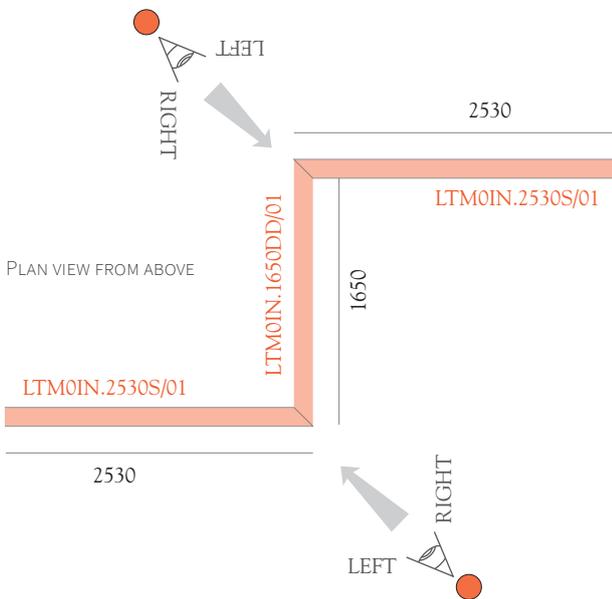
"U" SHAPED COMPOSITION OF MINIFILE RECESSED PROFILES WHITE, 2.530 X 1.650 X 2.530 MM. AND RELATIVE 45°-ANGLE LEFT AND RIGHT CUTS



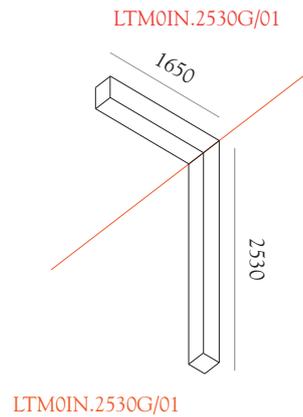
POSITIONING TO DETERMINE LEFT/RIGHT CUT

"Z" shaped composition of MINIFILE Recessed profiles white, 2.530 x 1.650 x 2.530 mm. and relative 45°-angle Left and Right cuts.

"Wall-ceiling" shaped composition of MINIFILE Recessed profiles white, 2.530 x 1.650 mm. and relative 45° angle cuts.



PLAN VIEW FROM ABOVE



POSITIONING TO DETERMINE LEFT/RIGHT CUT

IMPORTANT NOTES

Note: slight colour temperature variations of the LED's sources are to be considered normal (particularly, due to the technical development and to the change of the luminous flux caused by their use, the LED modules delivered subsequently to the first delivery may differ in the luminous flux and light colour). To define the length of the wallboxes with custom length LTMF.misura / LTF1.misura / LTF2.misura: add 3 mm. to the total length of the product going inside the wallbox itself. To define the length of the Container with custom length LTMF.misura / LTF1.misura / LTF2.misura: add 8 mm. to the total length of the product going inside the Container itself. 230V/12V transformer's compatibility with LED lamps.

The 230Vac/12Vac transformers presented on this catalogue have been tested with the leading LED lamps manufacturers. Due to the pace of the technological update of them, Lucifero's cannot guarantee their universal compatibility with its transformers. For more info visit our website www.luciferos.it. Max weight of 12V QR-LP 111 LED lamps. The maximum allowed weight of 12V QR-LP 111 LED lamps is of 275 gr.

TAGLI A MISURA

Come ordinare profili, diffusori, sagomatori, dissipatori di lunghezza lineare non standard o con l'estremità tagliata a 45°

A) PROFILO, DIFFUSORE, SAGOMATORI, DISSIPATORE DI LUNGHEZZA LINEARE NON STANDARD

- Scegliere il codice ".misura/XX" del prodotto desiderato
- Sostituire alla parola "misura" la lunghezza desiderata in mm.
- Calcolare il prezzo seguendo le istruzioni riportate sul listino prezzi

Esempio:

Profilo MINIFILE Soffitto bianco di lunghezza 2.530 mm. LTM00.misura → diventa LTM00.2350/01

B) PROFILO, DIFFUSORE, SAGOMATORI, DISSIPATORE CON UNA O DUE ESTREMITA' TAGLIATE A 45°

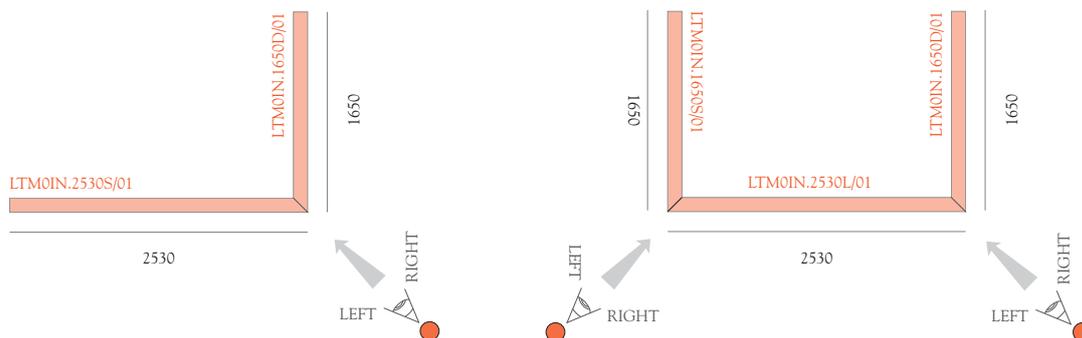
- Scegliere il codice ".misura/XX" del prodotto desiderato
- Sostituire alla parola "misura" la lunghezza desiderata in mm.
- Aggiungere alla misura le lettere D (destra), S (sinistra), L (sinistro/destra), Z (sinistro/sinistro), R (destra/destra) o G (parete/soffitto) a seconda del taglio desiderato, seguendo gli esempi sotto riportati
- Calcolare il prezzo seguendo le istruzioni riportate sul listino prezzi

Esempio:

COMPOSIZIONE A "L" DI DUE PROFILI MINIFILE
INCASSO BIANCO,
2.530 X 1.650 MM. E RELATIVI TAGLI A 45°
SINISTRO E DESTRO.

VISTA IN PIANTA DALL'ALTO

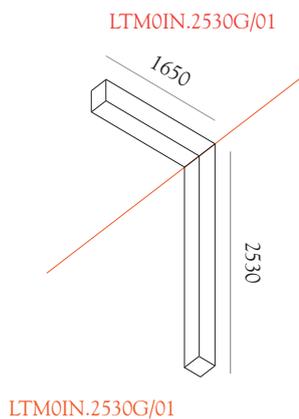
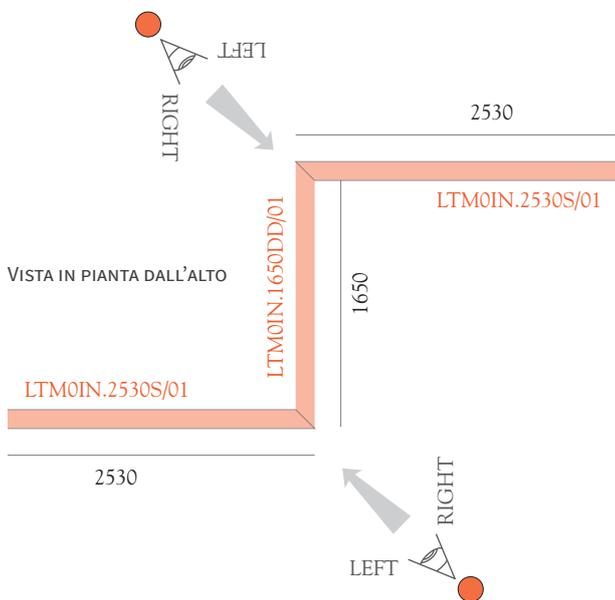
COMPOSIZIONE A "U" DI TRE PROFILI MINIFILE
INCASSO BIANCO,
2.530 X 1.650 X 2.530 MM. E RELATIVI TAGLI A 45°
SINISTRO E DESTRO.



POSIZIONE DELL'OSSERVATORE PER DETERMINARE
IL TAGLIO SINISTRO E DESTRO

Composizione a "Z" di tre profili MINIFILE Incasso bianco, 2.530 x 1.650 x 2.530 mm. e relativi tagli a 45° Sinistro e Destro.

Composizione a "parete-soffitto" di due profili MINIFILE Incasso bianco, 2.530 x 1.650 mm. e relativi tagli a 45°



POSIZIONE DELL'OSSERVATORE PER DETERMINARE IL TAGLIO SINISTRO E DESTRO

NOTE IMPORTANTI

Attenzione: leggere variazioni di colore dei LED sono da considerarsi normali (soprattutto in integrazioni di ordini, per il naturale calare dei lumen di quelli usati). Determinazione della lunghezza delle cassaforme a misura LTMF.misura / LTF1.misura / LTF2.misura: aggiungere 3 mm. alla lunghezza totale del prodotto che si intende inserire al suo interno. Determinazione della lunghezza prodotto Container a misura LTMF.misura / LTF1.misura / LTF2.misura: aggiungere 8 mm. alla lunghezza totale del prodotto che si intende inserire al suo interno. Compatibilità trasformatori 230V/12V con lampade LED. I trasformatori 230Vac/12Vac presentati in questo catalogo sono testati con i principali produttori di lampade LED. A causa della velocità dell'adeguamento tecnologico di queste ultime, Lucifero's non può garantire una compatibilità universale delle stesse con i propri trasformatori. Per maggiori informazioni consultare il sito www.luciferos.it. Peso max. lampade QR-LP 111 LED 12V. Il peso massimo consentito delle lampade LED QR-LP 111 sui nostri proiettori è di 275 gr.

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F1005.8	184	F2226.8	629	FP027.9	96	FT033.misura*		FXC24.9	39	IR00IP.9	607	L055S.A	343
F1006.8	184	F2227.8	629	FP028.9	96	FT033.misura*		FXC25.9	39	IR01.9	419	L055S.A	437
F1007.8	184	F2228.8	629	FP029. misura		FT034.1000	86	FXG01.8	557	IR01IP.9	607	L055S.A	438
F1008.8	184	F2231.9	217	FP050	96	FT034.2000	86	FXG02.8	557	IR02.9	419	L055S.A	444
F1100.8	184	F2232.9	217	FP051.2000	96	FT034.3000	86	FXG10.8	556	IR02IP.9	607	L055S.A	472
F1101.8	184	F2233.9	217	FP051.4000	96	FT034.misura*		FXG11.8	556	IR03.9	419	L055S.A	487
F1102.8	184	F2234.9	217	FP052	96	FT040	86	FXG21.8	557	IR03IP.9	607	L055S.A	490
F1103.8	184	F2235.9	217	FP055	96	FT041	86	FXG22.8	557	IR04.9	419	L074A	313
F1104.8	184	F2236.9	217	FP055	425	FT051.9	87	FXG31.9	559	IR04IP.9	607	L074A	315
F1105.8	184	F2237.9	217	FP055	429	FT053.9	87	FXG32.9	559	IR05.9	419	L074A	317
F1106.8	184	F2238.9	217	FP055	429	FT055.9	87	FXG33.9	559	IR05IP.9	607	L074A	319
F1107.8	184	F2251.9	629	FP60.misura*	98	FT102.8	82	FXG34.9	559	IR06.9	419	L074A	584
F1108.8	184	F2252.9	629	FPAS45	98	FT103.8	82	FXP01.9	33	IR06IP.9	607	L074E	313
F1200.8	184	F2253.9	629	FPAS75	98	FT104.8	82	FXP02.9	33	IR07.9	419	L074E	315
F1201.8	184	F2254.9	629	FR001.9	532	FT114.8	82	FXP03.9	33	IR07IP.9	607	L074E	317
F1202.8	184	F2255.9	629	FR002.9	532	FT115.8	82	FXP04.9	33	IR08.9	421	L074E	319
F1203.8	184	F2256.9	629	FR003.9	533	FT116.8	82	FXS01.9	35	IR08.9	465	L074E	584
F1204.8	184	F2257.9	629	FR005.9	532	FT117.8	82	FXS02.9	35	IR10.9	421	L074R	313
F1205.8	184	F2258.9	629	FR006.9	532	FT122.8	82	FXS03.9	35	IR10.9	485	L074R	315
F1206.8	184	F2302.8	218	FR007.9	532	FT123.8	82	FXS04.9	35	IR11.9	421	L074R	317
F1207.8	184	F2303.8	218	FR023.9	192	FT124.8	82	FXS100	35	IR11.9	485	L074R	319
F1208.8	184	F2304.8	218	FR023.9	207	FT125.8	82	FXS101	52	IR12.9	421	L074R	584
F1300.8	185	F2305.8	218	FR023.9	273	FT126.8	82	FXS103	52	IR12.9	485	L074S	313
F1301.8	185	F2306.8	218	FR025.9	226	FT127.8	82	FXV21.8	41	IR13.9	421	L074S	315
F1302.8	185	F2307.8	218	FR025.9	274	FT128.8	82	FXV22.8	41	IR13.9	485	L074S	317
F1303.8	185	F2308.8	218	FR033.9	226	FT128.8	82	GU002	286	IR14.9	421	L074S	319
F1304.8	185	F2332.9	218	FR033.9	274	FT128.8	82	GU003.9	286	IR14.9	485	L074S	584
F1305.8	185	F2333.9	218	FR034.9	226	FT128.8	82	GU005.9	286	IR15.9	421	L085A.A	286
F1306.8	185	F2334.9	218	FR034.9	274	FT128.8	82	GU006.9	286	IR15.9	485	L085A.A	343
F1307.8	185	F2335.9	218	FR040.9	192	FT128.8	82	IC110.8	602	IR16.9	421	L085A.A	375
F1308.8	185	F2336.9	218	FR040.9	207	FT128.8	82	IC210.8	508	IR16.9	485	L085A.A	444
F1400.8	185	F2337.9	218	FR040.9	273	FT128.8	82	IC211.8	508	IR17.9	421	L085A.A	451
F1401.8	185	F2338.9	218	FR041.9	192	FT128.8	82	IC212.8	508	IR17.9	485	L	

L085E.A	487	LB407	71	LT248	188	LT2412	204	LT2887	222	LT9212	462	LTM01.3000	154
L085E.A	489	LB409	71	LT248.1000	188	LT2412	223	LT2888	222	LT9301	460	LTM01.misura	154
L085E.A	490	LB420	52	LT248.2000	188	LT2412	236	LT2890	256	LT9302	460	LTM02.1000	155
L085E.A	521	LB420	65	LT248.3000	188	LT2412.5	96	LT2890.1	217	LT9303	460	LTM02.2000	155
L085E.A	523	LB420	72	LT248.misura	188	LT2412.5	188	LT2890.1	227	LT9310	460	LTM02.3000	155
L085E.A	524	LB421	52	LT248S	188	LT2412.5	204	LT2890.1	629	LT9346	462	LTM02.misura	155
L085R.A	286	LB421	65	LT1161	301	LT2412.5	223	LT2891	113	LT9401	460	LTM03.1000	156
L085R.A	343	LB421	72	LT1161.9	301	LT2412.5	236	LT2891	115	LT9402	460	LTM03.2000	156
L085R.A	375	LB421	133	LT1163.9	301	LT2412.7	96	LT2891	257	LT9403	460	LTM03.3000	156
L085R.A	444	LB422	70	LT1165	300	LT2412.7	188	LT2891	629	LT9410	460	LTM03.misura	
L085R.A	451	LB423.2	71	LT1165.9	300	LT2412.7	204	LT2892	227	LT9411	461		156
L085R.A	487	LB423.4	71	LT1166.9	300	LT2412.7	223	LT4102.9	392	LT9501	460	LTM044.1000	157
L085R.A	489	LB424	71	LT1167.9	300	LT2412.7	236	LT4102.CC	393	LT9502	460	LTM044.1000	252
L085R.A	490	LB425	71	LT1168.9	301	LT2412.9	96	LT4104	392	LT9503	460	LTM044.2000	157
L085R.A	523	LB426	71	LT1202	380	LT2412.9	188	LT4107.9	392	LTA43.1000	189	LTM044.2000	157
L085R.A	524	LB427	71	LT1205	380	LT2412.9	204	LT4118.9	392	LTA43.2000	189	LTM044.3000	252
L085S.A	286	LB428	52	LT1208	380	LT2412.9	223	LT4301.9	375	LTA43.3000	189	LTM044.3000	252
L085S.A	343	LB428	65	LT1212	380	LT2412.9	236	LT4301M.9	374	LTA43.misura	189	LTM044.misura	
L085S.A	375	LB428	72	LT1216	380	LT2426	188	LT4304.9	375	LTA513.1000	223		157
L085S.A	444	LB428	133	LT1220	380	LT2470	188	LT4304M.9	374	LTA513.2000	223	LTM044.misura	
L085S.A	451	LB431	70	LT1401	454	LT2480	254	LT4309.9	375	LTA513.3000	223		252
L085S.A	487	LB431	70	LT1456	454	LT2480.1	185	LT4309M.9	374	LTA513.misura		LTM047	87
L085S.A	489	LB432	70	LT1692	410	LT2480.1	193	LT5019	222		223	LTM047	155
L085S.A	490	LB433	70	LT1693	410	LT2481	193	LT5019.4	222	LTA520.1000	236	LTM047	172
L085S.A	521	LB441.3	71	LT1981BC	404	LT2481	255	LT7000.8	540	LTA520.2000	236	LTM048.3	87
L085S.A	523	LB442.3	71	LT1981BCIP	589	LT2482	86	LT7001.8	610	LTA520.3000	236	LTM048.3	155
L085S.A	524	LB443.4	71	LT1982BC	589	LT2482	150	LT7002.8	540	LTA520.misura		LTM048.3	173
L105A.A	521	LB444	71	LT1982BCIP	404	LT2482	160	LT7003.8	610		236	LTM048.4	87
L105E.A	521	LB445	71	LT1983BC	404	LT2482	193	LT7004.8	540	LTB43.1000	188	LTM048.4	155
L105R.A	521	LB446	71	LT1983BCIP	589	LT2482	252	LT7005.8	610	LTB43.2000	188	LTM048.4	173
L105S.A	521	LB447	70	LT1990	404	LT2482	254	LT7100.8	540	LTB43.3000	188	LTM048.5	87
L111A	313	LBAS07	66	LT1990	589	LT2482	256	LT7101.8	610	LTB43.misura	188	LTM048.5	155
L111A	315	LBAS10	66	LT1991	404	LT2506P.1000	96	LT7102.8	541	LTB513.1000	222	LTM048.5	173
L111A	317	LBAS13	66	LT1991	589	LT2506P.1000	224	LT7103.8	611	LTB513.2000	222	LTM048.7	87
L111A	319	LT17L02	549	LT1992	404	LT2506P.1000	239	LT7104.8	541	LTB513.3000	222	LTM048.7	155
L111A	584	LT17L03	549	LT1992	589	LT2506P.1000	256	LT7105.8	611	LTB513.misura		LTM048.7	173
L111E	313	LT17L04	549	LT2010	284	LT2506P.2000	96	LT7200.8	541		222	LTM048.9	87
L111E	315	LT17LB2	549	LT2010.68	284	LT2506P.2000	224	LT7201.8	611	LTC1.1000	190	LTM048.9	155
L111E	317	LT17LB3	549	LT2010.68PL	284	LT2506P.2000	239	LT7300.8	541	LTC1.1000	205	LTM049P	155
L111E	319	LT17LB4	549	LT2010HS	292	LT2506P.2000	256	LT7301.8	611	LTC1.2000	190	LTM116	154
L111E	584	LT20HS.misura*		LT2010HS.68	292	LT2506P.3000	96	LT9001.1	480	LTC1.2000	205	LTM117	154
L111R	313		292	LT2010PL	284	LT2506P.3000	224	LT9002.1	480	LTC1.3000	190	LTM118	154
L111R	315	LT20.misura	284	LT2011	284	LT2506P.3000	239	LT9003.1	480	LTC1.3000	205	LTM160	154
L111R	317	LT20PL.500	284	LT2011HS	292	LT2506P.3000	256	LT9011.1	480	LTC1.misura	190	LTM200	252
L111R	319	LT20PL.1000	284	LT2011PL	284	LT2506P.misura		LT9012.1	480	LTC1.misura	205	LTM200.1	150
L111R	584	LT20PL.1500	284	LT2012	284		224	LT9013.1	480	LTC2.1000	224	LTM200.1	160
L111S	313	LT20PL.2000	284	LT2012.68	284	LT2506P.misura		LT9020.1	191	LTC2.1000	238	LTM210	112
L111S	315	LT20PL.3000	284	LT2012.68PL	284		239	LT9020.1	206	LTC2.2000	224	LTM210	160
L111S	317	LT20PL.misura		LT2012HS	292	LT2506P.misura*		LT9020.1	225	LTC2.2000	238	LTM210	253
L111S	319		284	LT2012HS.68	292		96	LT9020.1	240	LTC2.3000	224	LTM211	127
L111S	584	LT24BD		LT2012PL	284	LT2506P.misura*		LT9020.1	480	LTC2.3000	238	LTM211	157
L115A.A	343		65	LT2013	266		256	LT9021.1	191	LTC2H.1000	238	LTM211	172
L115A.A	444	LT24BD		LT2013	285	LT2506X.1000	225	LT9021.1	206	LTC2H.2000	238	LTM211.90	150
L115A.A	523		72	LT2013	292	LT2506X.1000	239	LT9021.1	240	LTC2H.3000	238	LTM211.90	157
L115A.A	524	LT24T.1000	191	LT2014	285	LT2506X.1000	256	LT9021.1	480	LTC2H.misura	238	LTM211.90	160
L115E.A	343	LT24T.1000	206	LT2014	292	LT2506X.2000	225	LT9022.1	481	LTC2.misura	224	LTM211.90	172
L115E.A	444	LT24T.2000	191	LT2016	284	LT2506X.2000	239	LT9023.1	191	LTC2.misura	238	LTM211.90	190
L115E.A	523	LT24T.2000	206	LT2016HS	292	LT2506X.2000	256	LT9023.1	206	LTC2.ML	224	LTM211.90	193
L115E.A	524	LT24T.3000	191	LT2017	284	LT2506X.3000	225	LT9023.1	225	LTC2.ML	238	LTM211.90	224
L115R.A	343	LT24T.3000	206	LT2017HS	292		225	LT9023.1	240	FTF1.1000	185	LTM211.90	227
L115R.A	444	LT25T.1000	225	LT2018	284	LT2506X.3000		LT9023.1	480	FTF1.1000	193	LTM211.90	252
L115R.A	523	LT25T.1000	240	LT2018HS	292		239	LT9025.1	482	FTF1.1000	254	LTM211.90	254
L115R.A	524	LT25T.2000	225	LT2019	284	LT2506X.3000		LT9026.1	481	FTF1.2000	185	LTM211.90	256
L115S.A	343	LT25T.2000	240	LT2019HS	292		256	LT9027.1	481	FTF1.2000	193	LTM211.90P	157
L115S.A	444	LT25T.3000	225	LT2020	284	LT2506X.misura		LT9028.1	481	FTF1.2000	254	LTM211.90P	170
L115S.A	523	LT25T.3000	240	LT2020HS	292		225	LT9029.1	481	FTF1.3000	185	LTM211.90P	192
L115S.A	524	LT239P.1000	191	LT2031	285	LT2506X.misura		LT9030.1	481	FTF1.3000	193	LTM300	156
LB001.8	62	LT239P.1000	206	LT2031.68	285		239	LT9031.1	481	FTF1.3000	254	LTM300	190
LB002.8	62	LT239P.1000	254	LT2032	285	LT2506X.misura		LT9032.1	481	FTF1.misura	185	LTM300	205
LB003.8	62	LT239P.2000	191	LT2032.68	285		256	LT9033.1	191	FTF1.misura	193	LTM300	157
LB011.8	63	LT239P.2000	206	LT2033	285	LT2511	223	LT9033.1	206	FTF1.misura	254	LTM300	173
LB012.8	63	LT239P.2000	254	LT2033.68	285	LT2512	224	LT9033.1	225	FTF2.1000	217	LTM300	157
LB013.8	63	LT239P.3000	191	LT2034	285	LT2512.90P	224	LT9033.1	240	FTF2.1000	227	LTM300	173
LB021.8	62	LT239P.3000	206	LT2034.68	285	LT2513.1000	223	LT9033.1	480	FTF2.1000	256	LTM300	157
LB022.8	62	LT239P.3000	254	LT2035	285	LT2513.2000	223	LT9033IN.1	480	FTF2.1000	629	LTM300	173
LB023.8	62	LT239P.misura		LT2035.68	285	LT2513.3000	223	LT9034.1	482	FTF2.2000	217	LTM300	157
LB031.8	63		191	LT2036	285	LT2513.misura		LT9036.1	462	FTF2.2000	227	LTM300	173
LB032.8	63	LT239P.misura		LT2036.68	285		223	LT9036.1	482	FTF2.2000	256	LTM300	157
LB033.8	63		206	LT2038	285	LT2519	236	LT9038.1	482	FTF2.2000	629	LTM300	173
LB041.8	62	LT239P.misura		LT2038.68	285	LT2519.4	236	LT9040.1	482	FTF2.3000	217	LTM300	150
LB042.8	62		254	LT2310.1000	204	LT2520.1000	236	LT9041.1	480	FTF2.3000	227	LTM300	160
LB043.8	62	LT239X.1000	191	LT2310.2000	204	LT2520.2000	236	LT9043.1	462	FTF2.3000	256	LTM300	150
LB051	63	LT239X.1000	206	LT2310.3000	204	LT2520.3000	236	LT9043.1	482	FTF2.3000	629	LTM300	252
LB052	63	LT239X.1000	254	LT2310.misura		LT2520.misura		LT9050.1	481	FTF2.misura	217	LTM300	160
LB053	63	LT239X.2000	191		204		236	LT9051.1	481	FTF2.misura	227	LTM300	150
LB102.9	64	LT239X.2000	206	LT2311.1000	204	LT2522	236	LT9052.1	481	FTF2.misura	629	LTM300	150
LB102.9	73	LT239X.2000	254	LT2311.2000	204	LT2523	238	LT9053.1	481	FTF2.misura*	256	LTM300	160
LB201.8	63	LT239X.3000	191	LT2311.3000	204	LT2523.90	238	LT9054.1	482	LTM00.1000	155	LTM300	252
LB202.8	63	LT239X.3000	206	LT2311.misura		LT2524.1000	222	LT9061	301	LTM00.2000	155	LTM300	150
LB203.8	63	LT239X.3000	254		204	LT2524.2000	222	LT9062.1	301	LTM00.			

LTN01B	582	LT2.1000	225	LV302M	358	MFHAS86	134	MS82	369	QM100	471	ST11.	224
LTN01K.9	310	LT2.1000	239	LV302M	625	ML000.8	148	MSC01	371	QM200	429	ST11.	237
LTN01K.9	582	LT2.1000	256	LV312.9	425	ML001.8	148	MSC01	381	QM200	471	ST11.	253
LTN02A	310	LT2.2000	225	LV316.9	425	ML002.8	148	MSC02	371	QM201	429	ST11.	255
LTN02A	310	LT2.2000	239	LV321	469	ML003.8	148	MSC02	381	QM201	471	ST11.	257
LTN02A	582	LT2.2000	256	LV325	469	ML004.8	148	MSC03	371	QS00.9	429	ST11.	266
LTN02A	582	LT2.3000	225	LV333.9	425	ML005.8	148	MSC03	381	QS01.9	429	ST11.	293
LTN02B	310	LT2.3000	239	LV351K.9	625	ML006.8	148	MSC04	371	QS02	471	ST15.	127
LTN02B	310	LT2.3000	256	LV351K.9	625	ML007.8	148	MSC11	368	QS03.930	429	ST15.	138
LTN02B	582	LT2.misura	225	LV352K.9	625	ML008.8	148	MSC11	381	QS10.9	428	ST15.	156
LTN02B	582	LT2.misura	239	LV352K.9	625	ML100.8	148	MSC12	368	QS11.9	428	ST15.	173
LTN03A	311	LT2.misura*	256	LV410.9	425	ML101.8	148	MSC12	381	QS20	470	ST15.	190
LTN03A	583	LT2.ML	225	LV411.9	425	ML102.8	148	MSC13	369	QS21	470	ST15.	205
LTN03B	311	LT2.ML	239	LVKIT5	351	ML103.8	148	MSC13	381	QS30.9	428	ST15.	224
LTN03B	583	LT2.ML	256	LVKL01	252	ML104.8	148	MSC14	369	QS31.9	428	ST15.	237
LTN04A	311	LT2.ML	191	MF00DP.1000	126	ML105.8	148	MSC14	368	R18FH0.9	189	ST15.	253
LTN04A	311	LT2.ML	206	MF00DP.2000	126	ML106.8	148	MSC21	381	R18FH0.9	205	ST15.	255
LTN04A	314	LT2.ML	254	MF00DP.3000	126	ML107.8	148	MSC22	368	R18FH1.9	189	ST15.	257
LTN04A	583	LV001A	348	MF00TA	127	ML108.8	148	MSC22	381	R18FH1.9	205	ST15.	266
LTN04A	583	LV001A	620	MF00TI	126	ML200.8	148	MSC23	369	R18FH2.9	189	ST15.	293
LTN04B	311	LV001F	352	MF00TP	126	ML201.8	148	MSC23	381	R18FH2.9	205	ST20.	127
LTN04B	311	LV001F	621	MF01.1000	126	ML202.8	148	MSC24	369	R18FH3.9	189	ST20.	138
LTN04B	314	LV001K.9	348	MF01.2000	126	ML203.8	148	NF010.9	316	R18FH3.9	205	ST20.	156
LTN04B	583	LV001K.9	352	MF01.3000	126	ML204.8	148	NF010.9	585	R18FH4.9	189	ST20.	173
LTN04B	583	LV001P.9	620	MF01.misura	126	ML205.8	148	NF015.9	318	R18FH4.9	205	ST20.	190
LTN05A	314	LV001P.9	621	MF02.1000	126	ML206.8	148	NF020.9	316	R18FH5.9	189	ST20.	205
LTN05A	314	LV003A	348	MF02.2000	126	ML207.8	148	NF020.9	585	R18FH5.9	205	ST20.	224
LTN05B	314	LV003A	620	MF02.3000	126	ML208.8	148	NF023.9	316	R18FH6.9	189	ST20.	237
LTN05B	314	LV003B	350	MF02.misura	126	ML300.8	149	NF023.9	585	R18FH6.9	205	ST20.	253
LTN06A	313	LV003F	352	MF02.SF	126	ML301.8	149	NF023.9	585	R18FH7.9	189	ST20.	255
LTN06A	584	LV003F	621	MF04.1000	127	ML302.8	149	NF028	316	R18FH7.9	205	ST20.	257
LTN06B	313	LV003K.9	348	MF04.2000	127	ML303.8	149	NF030.9	318	R18FH8.9	189	ST20.	266
LTN06B	584	LV003K.9	352	MF04.3000	127	ML304.8	149	NF033.9	318	R18FH8.9	205	ST20.	293
LTN07A	313	LV003P.9	620	MF04.misura	127	ML305.8	149	NF038	318	R18FM0.8**	189	ST22.	127
LTN07A	584	LV003P.9	621	MF05.SF	126	ML306.8	149	NF040.9	317	R18FM1.8	189	ST22.	138
LTN07B	313	LV005A	348	MF011.8	122	ML307.8	149	NF040.9	585	R18FM2.8	189	ST22.	156
LTN07B	584	LV005A	620	MF012.8	122	ML308.8	149	NF040.9	585	R18FM3.8	189	ST22.	173
LTN08A	315	LV005B	350	MF013.8	122	ML400.8	149	NF050.9	319	R18FM4.8	189	ST22.	190
LTN08B	315	LV005C	351	MF021.8	122	ML401.8	149	NF060.9	317	R18FM5.8	189	ST22.	205
LTN08K.9	310	LV005F	352	MF022.8	122	ML402.8	149	NF060.9	585	R18FM6.8	189	ST22.	224
LTN08K.9	582	LV005F	621	MF023.8	122	ML403.8	149	NF060.9	585	R18MM0.8**	156	ST22.	237
LTN09A	315	LV005K.9	348	MF031.8	122	ML404.8	149	NF070.9	319	R18MM0.8**	173	ST22.	253
LTN09B	315	LV005K.9	352	MF032.8	122	ML405.8	149	NFD00.9	320	R18MM1.8	156	ST22.	255
LTN10K.9	310	LV005P.9	621	MF033.8	122	ML406.8	149	NFD00X.9	320	R18MM1.8	173	ST22.	257
LTN10K.9	582	LV010A	348	MF051.8	122	ML407.8	149	NN01.505	595	R18MM2.8	156	ST22.	266
LTN12A	310	LV010B	350	MF052.8	122	ML408.8	149	NN01.1005	595	R18MM2.8	173	ST22.	293
LTN12A	582	LV010F	352	MF053.8	122	MO000.566	172	NN01.2005	595	R18MM3.8	156	ST22.3D30.5	73
LTN14A	311	LV010K.9	348	MF101.8	123	MO000.846	172	NN01.3005	595	R18MM3.8	173	ST22.3D40.5	73
LTN14A	583	LV010K.9	352	MF101.8	467	MO000.1126	172	NN02	595	R18MM4.8	156	ST22.27.5	73
LTN15A	314	LV015A	349	MF102.8	123	MO000.1406	172	NN03	595	R18MM4.8	173	ST22.30.5	51
LTN16K	310	LV015F	353	MF102.8	467	MO000.1686	172	NN04	595	SE401.9	487	ST22.30.5	73
LTN16K	582	LV015K.9	349	MF103.8	123	MO000.3000	172	NN05.8	595	SE402.9	487	ST22.40.5	51
LTN20K.9	313	LV015K.9	353	MF103.8	467	MO000.misura	172	NN06.8	595	SE403.9	487	ST22.40.5	73
LTN20K.9	584	LV021.9	528	MF201.8	123	MO000.565	172	NN07	595	SE404.9	487	TEIN01M	374
LTN25K.9	315	LV021P.9	623	MF201.8	467	MO004.565	172	NN09	595	SE405.9	487	TEIN01M	386
LTN30K.9	311	LV026.9	528	MF202.8	123	MO004.845	172	PH002.9	489	SE501.9	444	TEIN02M	374
LTN30K.9	583	LV026P.9	623	MF202.8	467	MO004.1125	172	PH005.9	489	SE502.9	444	TEIN02M	386
LTN30T.9	323	LV027.9	528	MF203.8	123	MO004.1405	172	PH006.9	489	SE503.9	444	TEIN03M	374
LTN34T	323	LV027P.9	623	MF203.8	467	MO004.1685	172	PH152.9	451	SE505.9	444	TEIN03M	386
LTN40K.9	314	LV028.9	528	MF301.8	123	MO004.3000	172	PH155.9	451	ST05.	127	TEIN03M	386
LTN48K.9	311	LV029.9	528	MF301.8	467	MO004.misura	172	PH156.9	451	ST05.	138	TW001	331
LTN48K.9	583	LV034.9	529	MF302.8	123	MO005	172	PI001	491	ST05.	156	TW001	332
LTN48T.9	323	LV041K.9	350	MF302.8	467	MO005	172	PI003.9	491	ST05.	173	TW001	333
LTN50K.9	311	LV042K.9	350	MF303.8	123	MO007	172	PI004.9	491	ST05.	190	TW001	333
LTN50K.9	583	LV043K.9	350	MF303.8	467	MO020.8	168	PI005.9	491	ST05.	205	TW100.9	331
LTN50T.9	323	LV044K.9	351	MF304.8	123	MO021.8	168	PP011.9	520	ST05.	224	TW101.9	331
LTN56K	311	LV051K.9	351	MF304.8	467	MO022.8	168	PP013	520	ST05.	237	TW102.9	331
LTN56K	583	LV083.9	529	MFH00.1000	138	MO023.8	168	PP013.9	520	ST05.	253	TW102.9	331
LTN56T	323	LV084.9	529	MFH00.2000	138	MO024.8	168	PP014.9	520	ST05.	255	TW103.9	331
LTN58K.9	314	LV091K.9	115	MFH00.3000	138	MO030.8	168	PP021.9	520	ST05.	257	TW104.9	331
LTN60K.9	314	LV092K.9	115	MFH00C	138	MO031.8	168	PP022.9	520	ST05.	266	TW105.9	331
LTN66K	314	LV093K.9	115	MFH00.misura	138	MO032.8	168	PP023	520	ST05.	293	TW106.9	332
LTN70K.9	313	LV094K.9	115	MFH00S	138	MO033.8	168	PP031.9	520	ST10.	127	TW107.9	332
LTN70K.9	584	LV115B	351	MFH00SA	127	MO034.8	168	PP032.9	520	ST10.	138	TW107.9	332
LTN80K.9	315	LV132.9	112	MFH00SB	127	MO040.8	168	PP033.9	520	ST10.	138	TW110.9	332
LTP.F1	190	LV132.9	158	MFH00TH.misura	126	MO041.8	168	PP111.9	522	ST10.	138	TW111.9	332
LTP.F1	205	LV133.9	112	MFH00T.misura	126	MO042.8	168	PP112.9	522	ST10.	156	TW111.9	332
LTP.F2	224	LV133.9	158	MFH00T.misura	126	MO043.8	168	PP113	522	ST10.	156	TW112.9	332
LTP.F2	238	LV134.9	112	MFH00T.misura	138	MO044.8	168	PP115.9	475	ST10.	173	TW113.9	332
LTSC01	150	LV134.9	158	MFH01S	127	MO120.8	168	PP116.9	475	ST10.	173	TW114.9	333
LTSC01	160	LV135.9	112	MFH01S	138	MO121.8	168	PP117.9	475	ST10.	190	TW115.9	333
LTSC01	193	LV135.9	158	MFH02	127	MO121.8	168	PP121.9	522	ST10.	205	TW116.9	333
LTSC01	227	LV141.9	113	MFH07	138	MO122.8	168	PP123	522	ST10.	205	TW117.9	333
LTSC01	253	LV141.9	226	MFH010.8	132	MO122.8	168	PP131.9	522	ST10.	224	TW200.9	339
LTSC01	255	LV142.9	113	MFH011.8	132	MO123.8	168	PP132.9	522	ST10.	224	TW200.9	339
LTSC01	257	LV142.9	226	MFH020.8	132	MO123.8	168	PP133.9	522	ST10.	237	TW201.9	339
LTSC02	150	LV204.9	493	MFH021.8	132	MO124.8	168	PP152.9	522	ST10.	237	TW202.9	339
LTSC02	253	LV205A	349	MFH030.8	132	MS10.9	370	PP221.9	524	ST10.	253	TW203.9	339
LTSC03	193	LV205F	353	MFH031.8	132	MS12	370	PP232.9	524	ST10.	253	TW203.9	339
LTSC03	255	LV205K.9	349	MFH032.8	132	MS20.9	370	PP321.9	524	ST10.	255	TW204.9	339
LTSC04	227	LV205K.9	353	MFH040.8	132	MS22	370	PP332.9	524	ST10.	255	TW205.9	339
LTSC04	257	LV210A	349	MFH041.8	132	MS30.9	371	PP421.9	616	ST10.	257	TW206.9	340
LTT1.1000	191	LV210F											

TW217.9	336
TW220.9	336
TW221.9	336
TW222.9	336
TW223.9	336
TW224.9	337
TW225.9	337
TW226.9	337
TW227.9	337
TW230.9	340
TW231.9	340
TW232.9	340
TW233.9	340
TW234.9	341
TW235.9	341
TW236.9	341
TW237.9	341
VT/IN45.90	399
VT/IN92	399
WI001.9	410
WI011.9	410
WI101.9	410
WI111.9	410

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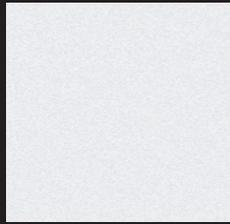
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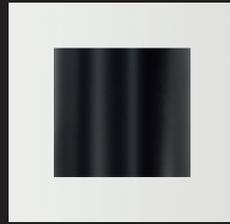
COLORI - FINISHINGS



01. Bianco
01. White



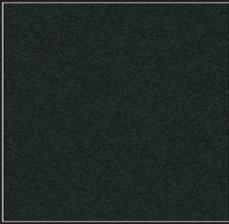
01. Bianco testurizzato
01. White embossed



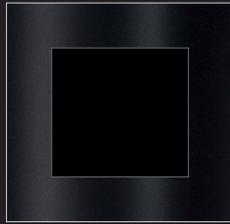
01. Telaio bianco/ottica nera
01. White box - black optic



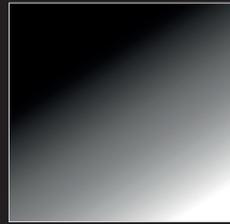
02. Nero
02. Black



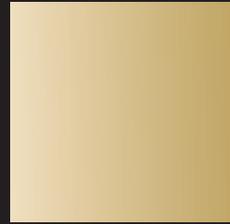
02. Nero testurizzato
02. Black embossed



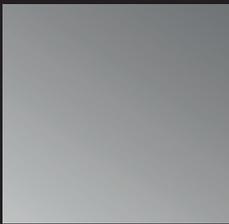
02. Telaio nero/ottica nera
02. Black box - black optic



03. Cromo
03. Chrome



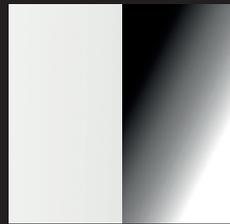
04. Oro cromato
04. Chrome gold



12. Grigio
12. Grey



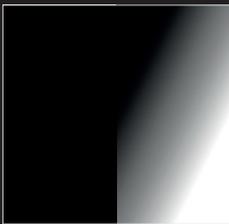
20. Acciaio satinato
20. Brushed Steel



21. Bianco/cromo
21. White/chrome



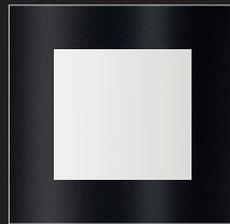
22. Bianco/Cromo satinato
22. White/Brushed chrome



25. Nero/Cromo
25. Black/Chrome



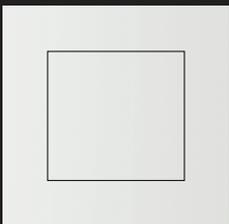
27. Alluminio ossidato
27. Oxidised Aluminium



28. Telaio nero/ottica bianca
28. Black box - white optic



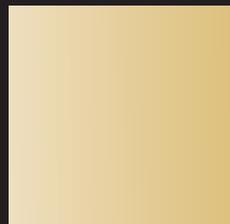
36. Oro
36. Gold



41. Telaio bianco/ottica bianca
41. white box - white optic



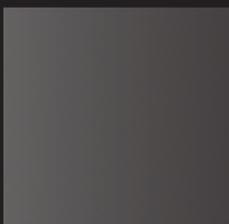
42. Telaio nero/ottica dorata
42. Black box - golden optic



44c. Oro champagne
44c. Champagne gold



46. Champagne/grafite
46. Champagne/graphite



49. Moka



60. Verniciato Corten
60. Corten painted



99. Grafite
99. Graphite

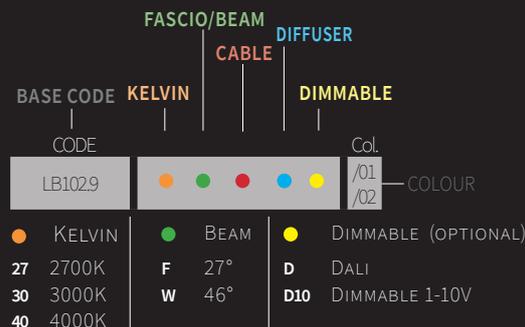
SIMBOLOGIA		SIMBOLOGY
	Apparecchio in classe I	Class I appliance
	Apparecchio in classe II	Class II appliance
	Apparecchio in classe III	Class III appliance
	Grado di protezione	Protection degree
	Alimentatore incluso	Driver included
	Alimentatore escluso	Driver excluded
	Lampada protetta per un massimo di 100° in superficie	Lamp protected for Max 100° C on the surface
	Apparecchio idoneo per essere installato direttamente su legno	Light fixture suitable for direct wood mounting
	ENEC (European Norms Electrical Certification)	ENEC (European Norms Electrical Certification)
	Trasformatore di sicurezza protetto contro i corto circuiti	Safety transformer protected against short-circuits
	Possibilità di posizionare il trasformatore elettronico remoto	Electronic driver suitable for independent installation
	Bassissima tensione di sicurezza	Safety extra low voltage
	Installazione a parete	Wall fixture
	Installazione a soffitto	Ceiling fixture
	Misura di taglio per incasso	Recessed installation hole dimension
	Emissione luminosa verso il basso e l'alto	Double emission
	Emissione luminosa verso l'alto	Indirect light (upwards)
	Emissione luminosa verso il basso	Direct light (downwards)
	Emissione luminosa asimmetrica	Asymmetrical light
	Emissione luminosa larga verso l'alto e fascio stretto verso il basso	Indirect wide beam (upwards) and direct narrow beam (downwards)
	Emissione luminosa diretta	Direct light
	Emissione luminosa indiretta	Indirect light

SIMBOLOGIA		SIMBOLOGY
	Led incluso	Led included
	Lampadina esclusa	Light Bulb excluded
	DALI (Digital Addressable Lighting Interface)	DALI (Digital Addressable Lighting Interface)
	Lampada compatibile con sistemi analogici di controllo 1-10V	1-10V analogical system control compatible
	Lampada comandabile tramite un pulsante normalmente aperto privo di potenziale	Suitable to be dimmed with a normally open button
	Lampada comandabile tramite un dimmer a taglio di fase discendente (Trailing edge)	Fixture suitable for phase cut dimmer (Trailing edge)
	Sorgente Led inclusa	Led source included
	Indica la misura necessaria per l'inserimento del trasformatore	Minimum space for the driver installation
	Vedi curve fotometriche	See photometric data
	Spessore cartongesso	False ceiling thickness
	Cassetta di derivazione	Junction box
	Prodotto conforme alle direttive europee	EU regulations compliant
	Cri	Cri
	Ugr	Ugr
	.misura Personalizzazione lunghezza	Custom cuts
	Alimentatori Vedi tabella alimentatori	Power supplies See power supplies table list
	Bluetooth	Bluetooth
	Growing	Growing
	Light & Sound e fonoassorbenza	Light & Sound and sound-absorbing
	Tunable White	Tunable White

NOTE:

- I dati fotometrici sono sempre riferiti ai 3.000K. **Photometric data always refer to 3.000K**
- Ove non indicato le misure sono da considerarsi in mm. **Dimension are to be considered in mm unless otherwise detailed.**
- Nella scelta dell'alimentatore verificare sempre il foro di accesso. **While choosing the power supply always mind the dimension of the installing hole.**
- .misura* Tramite questo codice è possibile ordinare il profilo in una lunghezza lineare non standard. Sostituire alla parola "misura" la lunghezza desiderata in mm. Per ordinare un profilo con una o entrambe le estremità tagliate ad angolo 45° aggiungere alla misura la lettera "D" (taglio Destro) o "S" (taglio Sinistro). Seguire istruzioni riportate a p.637. Per profili oltre i 3 m e massimo 6 m le condizioni di trasporto sono da concordare. **Through this code it's possible to order the profile in a not-standard linear length. Replace the word "misura" with the desired length in mm. To order a profile with one or both ends 45° angle-cut add the letter "D" (right cut) or "S" (left cut) to the standard or custom length. Follow the instructions on p.636. For lengths over 3 m. to max. 6 m. transport conditions to negotiate.**

HOW TO CREATE THE CODE:



LB102.930FD/01: proiettore LBS 3000 Kelvin fascio Flood 27° dimmerabile con protocollo DALI.
 projector LBS 3000 kelvin beam Flood 27° dimmable whit DALI protocol.