
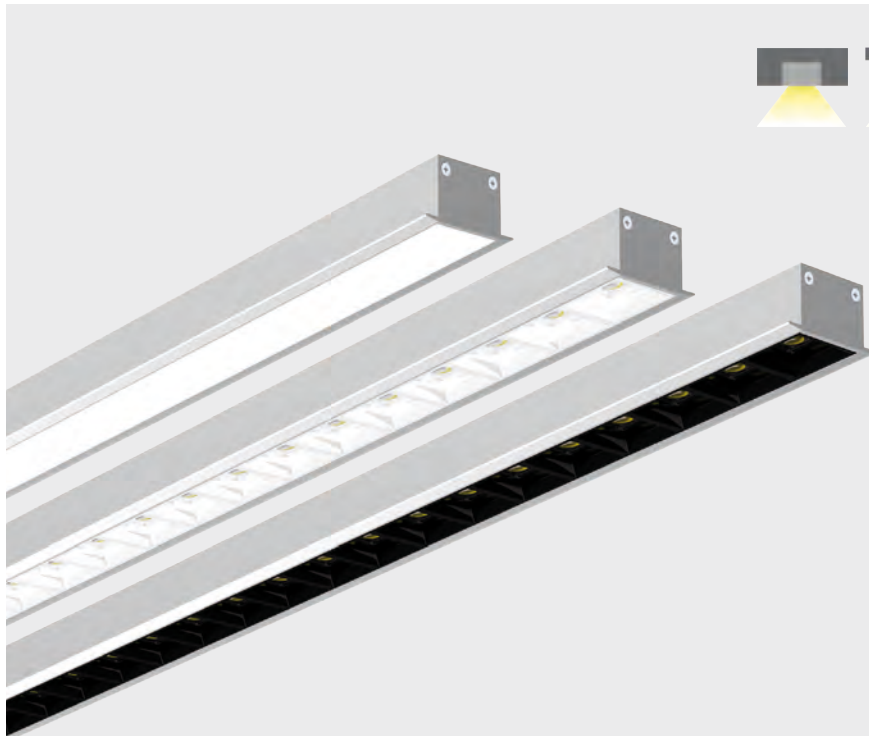


LT45, LT31

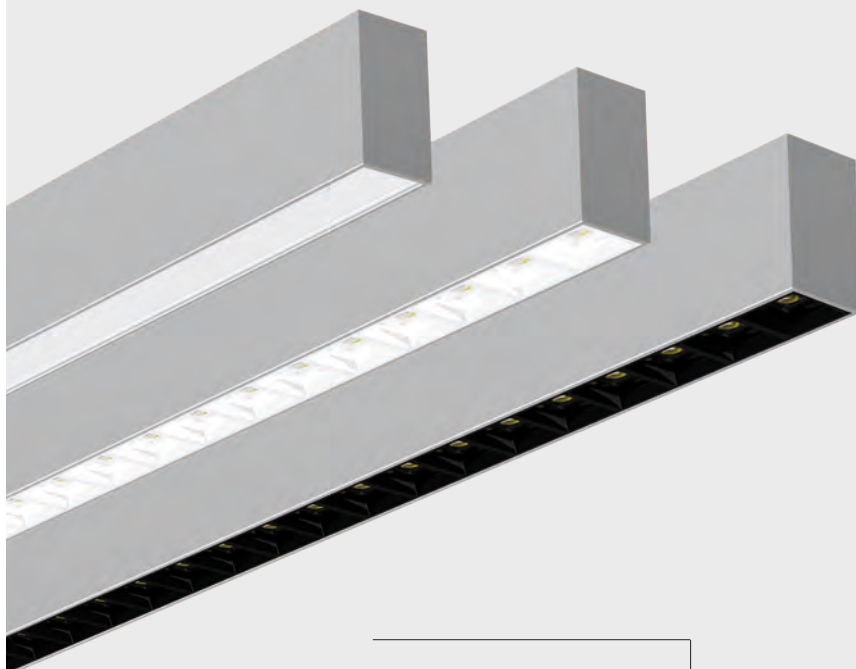
CE IP20/40 CLI/II 



**INDOOR
DRIVER IN**



LT45 RSO/RSW
Ceiling recessed opal/wallwasher
LT45 RSDW
Ceiling recessed darklight white finish
LT45 RSDB
Ceiling recessed darklight black finish

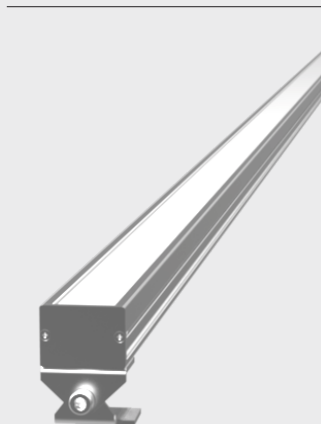


LT45 RTO/RTW
Ceiling rec. trimless opal/wallwasher
LT45 RTDW
Ceiling rec. trimless darklight white finish
LT45 RTDB
Ceiling rec. trimless darklight black finish

LT45 CMO/CMW
Ceiling mounted opal/wallwasher
LT45 CMDW
Ceiling mounted darklight white finish
LT45 CMDB
Ceiling mounted darklight black finish

LT45 CSO/CSW
Ceiling suspended opal/wallwasher
LT45 CSDW
Ceiling suspended darklight white finish
LT45 CSDB
Ceiling suspended darklight black finish

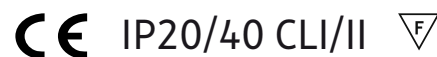
LT31 SM
Surface mounted
Opal/wallwasher/
single lens/contin.



LT45 WMO/WMW
Wall mounted
opal/wallwasher



LT45, LT31



Installation

Ceiling recessed, ceiling mounted, suspended, wall mounted and surface mounted system for indoor installation.

Technical description

Body made of extruded aluminum and end-caps made of laser cutted aluminum or stainless steel.

The surface finishes we propose always guarantee a high aesthetic quality: aesthetic anodization or powder painting. Standard colours are proposed or other RAL colours on request.

Stainless steel springs for ceiling recessed version.

Standard or extended stainless steel bracket included for surface mounted versions.

Electrical features

High efficient power LED or mid-power LED upon configuration.

Driver integrated or remote for ceiling recessed version.

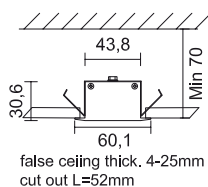
ON/OFF, DALI or 1-10V dimmable driver; DMX driver for colour changing versions. Drivers are always included in the product code.

Class I/II luminaire.

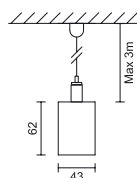
Optical features

LEDs are provided with a wide range of optics, from narrow to wide beam, opal, low glaring darklight and wallwasher.

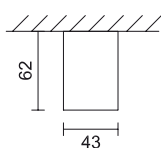
Workspace with low-glaring optics responding to EIS 10598 are provided with PMMA lens and a secondary optic reflector system available with dark and white finish providing UGR 19 and UGR 16; available also UGR 19 MICROPRISM.



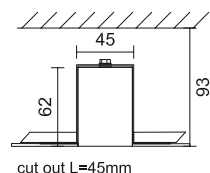
LT45 RS
Ceiling recessed



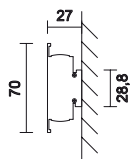
LT45 CS
Ceiling suspended



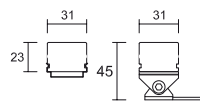
LT45 CM
Ceiling mounted



LT45 RT
Ceiling recessed trimless



LT31 SM
Surface mounted



LT45 WMO/WMW
Wall mounted

LT45 CHARACTERIZATION

Driver	Integrated, remote for LT45 R and LT31 SM
Input current	220-240V 50/60Hz
Protection class	CLI/II
IP rating	IP20/40 upon configuration
Dimension	L 3000max

- Direct emission with single lens emission monochrom

Source type	Power LEDs
Colour temperature	2700K - 3000K - 4000K
CRI	90
Beams	12° / 24° / 38° / 56° / 10°X55° / Darklight

Lumen output @ 2700 & 3000K +5° for 4000K	Level	W/m	Lm/m
	Low	28	3550
	Medium	41	4850
	High	58	6430
	Very high	89	8885

- Direct emission with linear continued

Source type	Mid-power LEDs
Colour temperature	2700K - 3000K - 4000K
CRI	90
Beams	Opal / Microprism / WAS L

Lumen output @ 2700 & 3000K +5° for 4000K.	Level	W/m	Lm/m
	Low	20	2475
	Medium	34	4125
	High	45	5305
	Very high	67	7955

Also available RGB, RGBW, Dynamic white.

- Indirect emission with linear continued

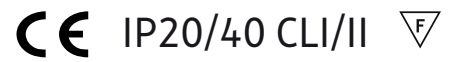
Source type	Mid-power LEDs
Colour temperature	2700K - 3000K - 4000K
CRI	90
Beams	Opal / Microprism / WAS L

Lumen output @ 2700 & 3000K +5° for 4000K.	Level	W/m	Lm/m
	Low	20	2475
	Medium	34	4125
	High	45	5305

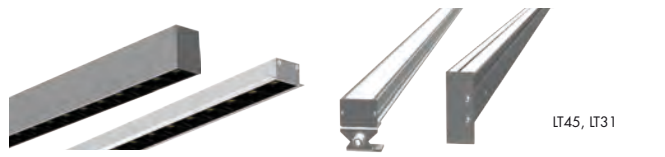
For linear continued emiss., direct and indirect, also available



LT45, LT31

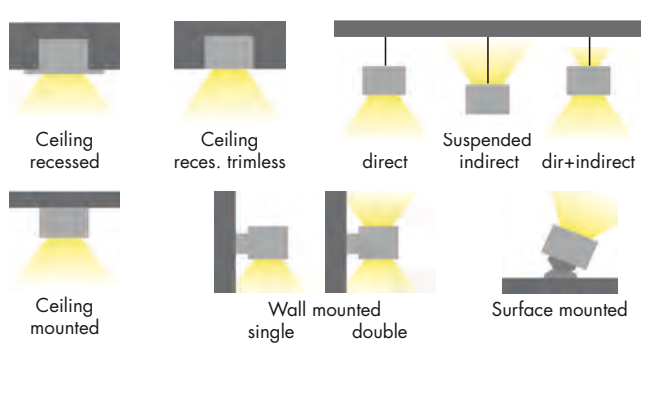


Product code	Installation	Optic type & length	Layout	Output level direct	Output level indir.	Optice direct	Optice indirect	CCT OR colour dir.	CCT OR colour indir.	Finish	Driver
ALT45											



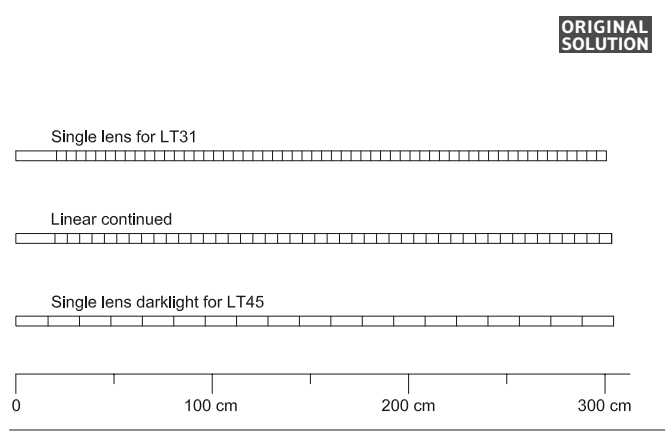
Product code

Code	Description
ALT45	Base for the codes of LT45



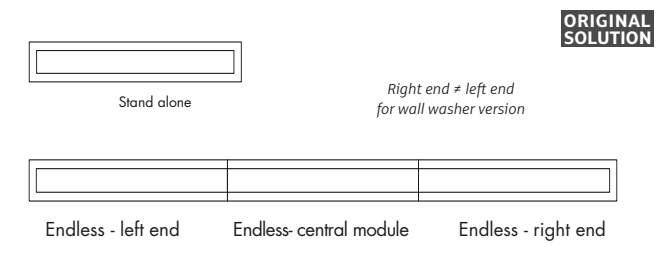
+ Installation Codes

Code	Description
CRS	Ceiling recessed standard
CRT	Ceiling recessed trimless
CSD	Ceiling Suspended direct
CSI	Ceiling Suspended indirect
CSA	Ceiling Suspended direct+indirect
CMS	Ceiling mounted
WMS	Wall mounted single emission
WMD	Wall mounted double emission
SMS	Surface mounted (LT31 BM)



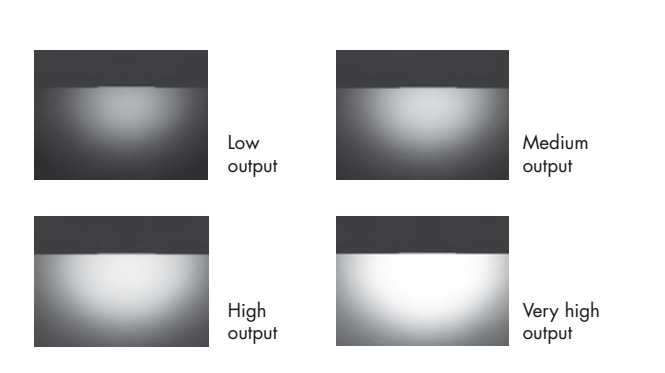
+ Luminaire LED type and length code

Single lens		Linear continued		Single lens darklight	
Code	Length	Code	Length	Code	Length
S020	20,7 cm	L020	19,9 cm	D016	16,4 cm
S025	25,7 cm	L051	26,2 cm	D032	32,4 cm
S030	30,7 cm	L057	32,5 cm	D048	48,4 cm
S035	35,7 cm	L064	38,8 cm	D064	64,4 cm
...+5 step	+5 cm	...+6 step	+6,3 cm	...+16 step	+16 cm
.....
L300	max 300,7cm	L303	max 303,4cm	D303	304,4 cm



+ Layout codes

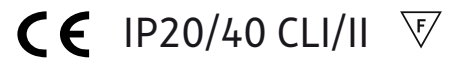
Code	Description
SA	Stand alone
CM	Endless - central module
LE	Endless - left end
RE	Endless - right end



+ W/m for direct emission codes
For lm output refer to table in previous page

		Single lens LT31	Linear continued	Single lens darklight
Code	Description	W/m	W/m	W/m
NA	Not applicable	No direct emission		
LO	Low output	28	20	28
ME	Medium output	41	34	41
HI	High output	58	45	58
VH	Very high output	89	67	89

LT45, LT31



Product code	Installation	Optic type & lenght	Layout	Output level direct	Output level indir.	Optice direct	Optice indirect	CCT OR colour dir.	CCT OR colour indir.	Finish	Driver
ALT45											



Low output



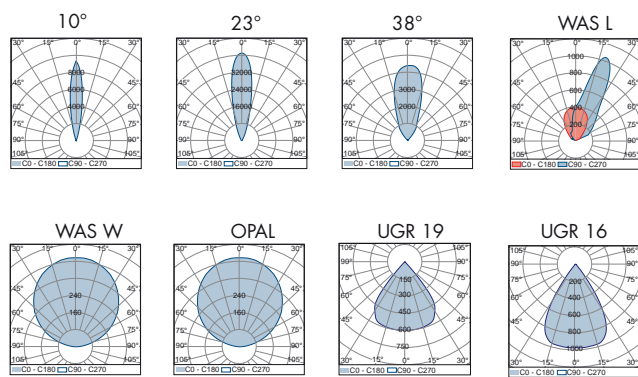
Medium output



High output

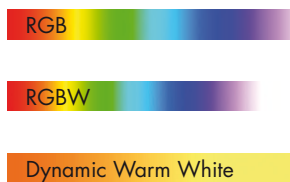
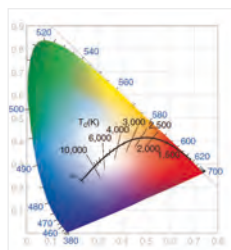
+ W/m for indirect emission codes
For lm output refer to table in previous page

Code	Description	W/m linear continued
NA	Not applicable	No indirect emission
LO	Low output	20
ME	Medium output	34
HI	High output	45



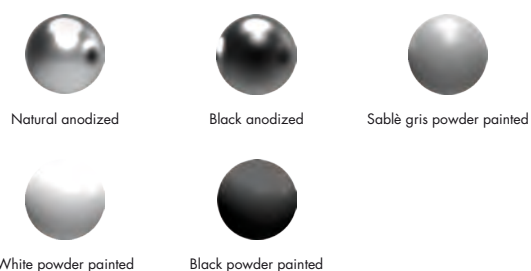
+ Optics for direct emission codes **+ Optics for indirect emission codes only L6 and L8**

Single lens		Linear continued		Single lens darklight	
Code	Lenght	Code	Lenght	Code	Lenght
S1	12°	L6	Opal	R1	UGR19
S2	24°	L7	Microprism	R2	UGR16
S3	38°	L8	WAS L		
S4	56°	L9	WAS W		
S5	10°X55°				



+ Direct emission CCT OR colour changing codes **+ Indirect emission CCT OR col. chan. codes**

Single lens		Linear contin.		Linear continued	
Code	Descr.	Code	Descr.	Code	Descrip.
∅	N.A	∅	N.A	∅	N.A
K	2300K	K	2300K	K	2300K
Y	2700K	Y	2700K	Y	2700K
W	3000K	W	3000K	W	3000K
N	4000K	N	4000K	N	4000K
		R	RGB	R	RGB
		S	RGBW	S	RGBW
		D	DynW	D	DynW



+ Finishing codes

Code	Description
NA	Natural anodized aluminum
BA	Black anodized aluminum
SP	Sable gris powder painted
WP	White powder painted
BP	Black powder painted



+ Driver codes

Code	Description	Code	Description
ST1	Standard CL I	DI2	DIM1-10 CL II
ST2	Standard CL II	DA2	DIM DALI CL II
DI1	DIM1-10 CL I	DX2	DMX CL II