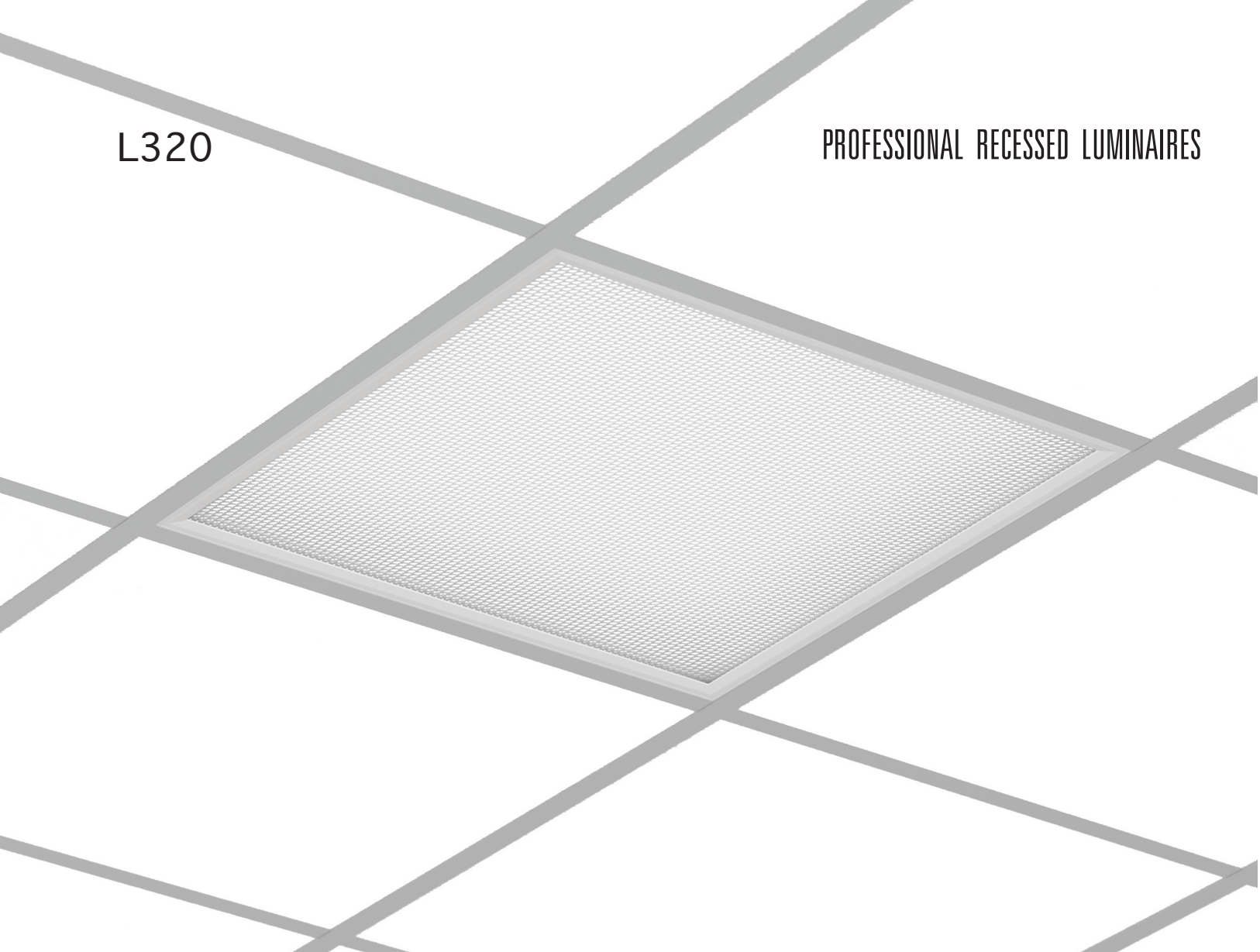




Technical Features

- Steel body, electrostatically painted in white color.
- High efficient opal PMMA for PSPO Led, microprismatic and aluminium louvre with high efficient satin PMMA cover for louvre version.
- Last generation high efficient LED CHIP.
- Pure light without IR/UV radiation.
- Operation life: 50,000 hours with efficiency > 80% of the initial luminous flux (L80B10).
- UGR < 19 at specific editions:
Glare Evaluation: X=4H/ Y=8H S=0,25H, reflection factors

70/50/20.

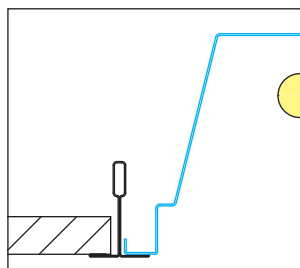
For DSE work stations: $\gamma \geq 65^\circ$ <3000cd/m².

- Connection for operation on 230V/50-60Hz.

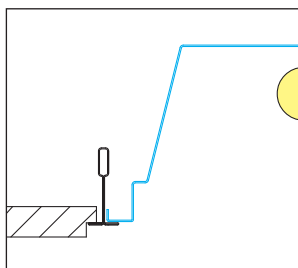
Upon request:

- Connection for emergency lighting system, for one or three hours.

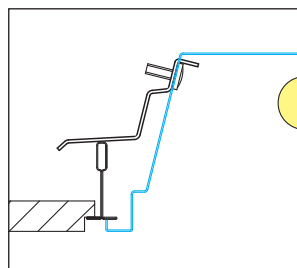
Recessed luminaires for panels in mineral fibre ceilings 600x600, 600x1200 with **exposed structure**.



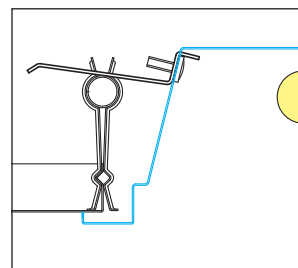
Mineral fiber panels 600x600, 600x1200 with exposed structure. Mounted by fitting on structure.



Mineral fiber panels with frame 600x600, 600x1200 with decoration in relief. Mounted by fitting on structure.



Mineral fiber panels 600x600, 600x1200 with decoration in relief. Mounting with exposed edge, using fixing brackets 15BS.

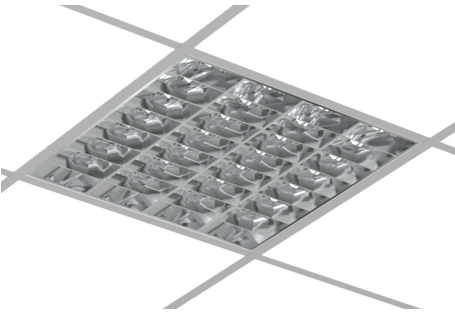


Metal panels 600x600. Mounting with exposed edge, using fixing brackets 15ZH.

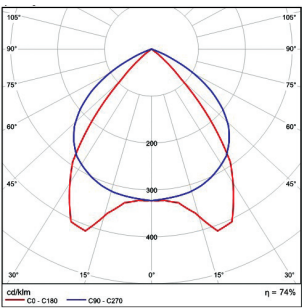
L320

PROFESSIONAL RECESSED LUMINAIRES

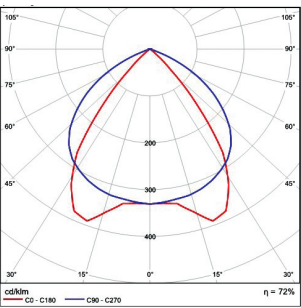
L320 LP2M LED



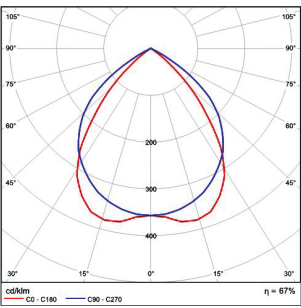
LP2M 321



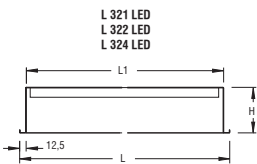
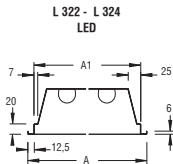
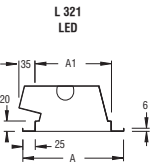
LP2M 322



LP2M 324



- Steel body.
- Screen 2M with high efficient satin PMMA cover for led source.
- Suspension and power supply not included.
- CRI: min. 80 / SDCM: 3
- Luminous Efficacy: High Efficiency - 206 Lm/Watt 4000K
195 Lm/Watt 3000K
High Output - 201 Lm/Watt 4000K
189 Lm/Watt 3000K

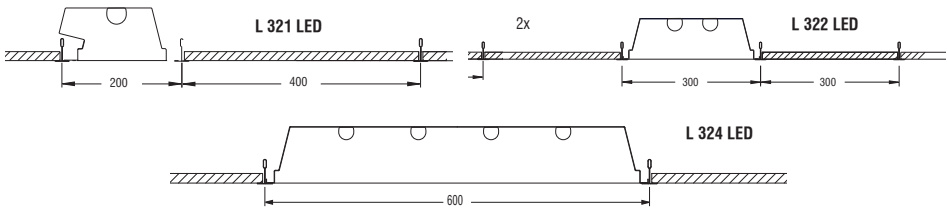


Description (High Efficiency 250mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
LP2M 321 LED 14W Warm	200 x 600	196	596	95	148	587	3116403
LP2M 321 LED 14W Neutral	200 x 600	196	596	95	148	587	3116413
LP2M 321 LED 25W Warm	200 x 1200	196	1196	95	148	1187	3116443
LP2M 321 LED 25W Neutral	200 x 1200	196	1196	95	148	1187	3116453
LP2M 322 LED 25W Warm	300 x 600	296	596	95	273	573	3116603
LP2M 322 LED 25W Neutral	300 x 600	296	596	95	273	573	3116613
LP2M 322 LED 49W Warm	300 x 1200	296	1196	95	273	1173	3116643
LP2M 322 LED 49W Neutral	300 x 1200	296	1196	95	273	1173	3116653
LP2M 324 LED 49W Warm	600 x 600	596	596	95	573	573	3116683
LP2M 324 LED 49W Neutral	600 x 600	596	596	95	573	573	3116693
LP2M 324 LED 98W Warm	600 x 1200	596	1196	95	573	1173	3116723
LP2M 324 LED 98W Neutral	600 x 1200	596	1196	95	573	1173	3116733

Description (High Output 350mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
LP2M 321 LED 19W Warm	200 x 600	196	596	95	148	587	3116423
LP2M 321 LED 19W Neutral	200 x 600	196	596	95	148	587	3116433
LP2M 321 LED 36W Warm	200 x 1200	196	1196	95	148	1187	3116463
LP2M 321 LED 36W Neutral	200 x 1200	196	1196	95	148	1187	3116473
LP2M 322 LED 36W Warm	300 x 600	296	596	95	273	573	3116623
LP2M 322 LED 36W Neutral	300 x 600	296	596	95	273	573	3116633
LP2M 322 LED 70W Warm	300 x 1200	296	1196	95	273	1173	3116663
LP2M 322 LED 70W Neutral	300 x 1200	296	1196	95	273	1173	3116673
LP2M 324 LED 70W Warm	600 x 600	596	596	95	573	573	3116703
LP2M 324 LED 70W Neutral	600 x 600	596	596	95	573	573	3116713
LP2M 324 LED 140W Warm	600 x 1200	596	1196	95	573	1173	3116743
LP2M 324 LED 140W Neutral	600 x 1200	596	1196	95	573	1173	3116753

For dimmer version add letter “D” at the end of product code.

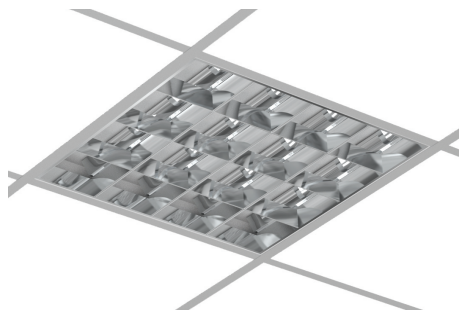
For the luminaires **L321 LED & L322 LED** an extra T profile is required in the ceiling panel.



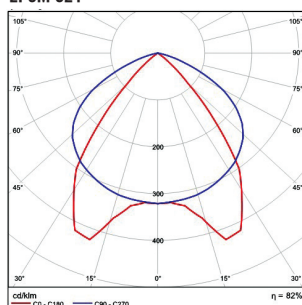
L320

PROFESSIONAL RECESSED LUMINAIRES

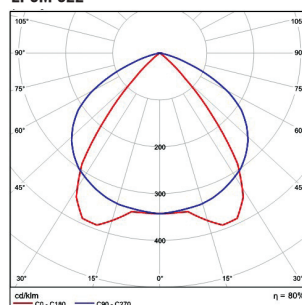
L320 LP3M LED



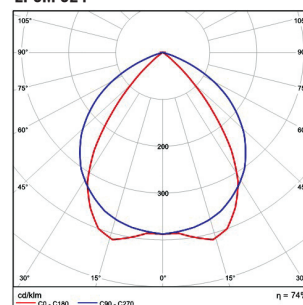
LP3M 321



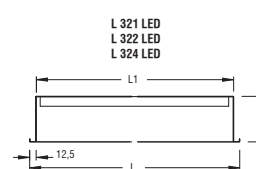
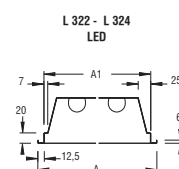
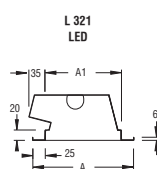
LP3M 322



LP3M 324



- Steel body.
- Screen 3M with high efficient satin PMMA cover for led source.
- Suspension and power supply not included.
- CRI: min. 80 / SDCM: 3
- Luminous Efficacy: High Efficiency - 206 Lm/Watt 4000K
195 Lm/Watt 3000K
High Output - 201 Lm/Watt 4000K
189 Lm/Watt 3000K

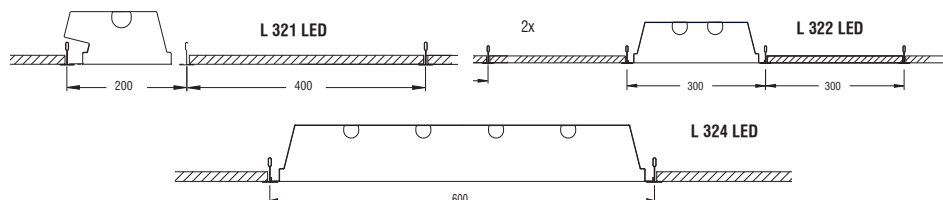


Description (High Efficiency 250mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
LP3M 321 LED 14W Warm	200 x 600	196	596	95	148	587	3136403
LP3M 321 LED 14W Neutral	200 x 600	196	596	95	148	587	3136413
LP3M 321 LED 25W Warm	200 x 1200	196	1196	95	148	1187	3136443
LP3M 321 LED 25W Neutral	200 x 1200	196	1196	95	148	1187	3136453
LP3M 322 LED 25W Warm	300 x 600	296	596	95	273	573	3136603
LP3M 322 LED 25W Neutral	300 x 600	296	596	95	273	573	3136613
LP3M 322 LED 49W Warm	300 x 1200	296	1196	95	273	1173	3136643
LP3M 322 LED 49W Neutral	300 x 1200	296	1196	95	273	1173	3136653
LP3M 324 LED 49W Warm	600 x 600	596	596	95	573	573	3136683
LP3M 324 LED 49W Neutral	600 x 600	596	596	95	573	573	3136693
LP3M 324 LED 98W Warm	600 x 1200	596	1196	95	573	1173	3136723
LP3M 324 LED 98W Neutral	600 x 1200	596	1196	95	573	1173	3136733

Description (High Output 350mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
LP3M 321 LED 19W Warm	200 x 600	196	596	95	148	587	3136423
LP3M 321 LED 19W Neutral	200 x 600	196	596	95	148	587	3136433
LP3M 321 LED 36W Warm	200 x 1200	196	1196	95	148	1187	3136463
LP3M 321 LED 36W Neutral	200 x 1200	196	1196	95	148	1187	3136473
LP3M 322 LED 36W Warm	300 x 600	296	596	95	273	573	3136623
LP3M 322 LED 36W Neutral	300 x 600	296	596	95	273	573	3136633
LP3M 322 LED 70W Warm	300 x 1200	296	1196	95	273	1173	3136663
LP3M 322 LED 70W Neutral	300 x 1200	296	1196	95	273	1173	3136673
LP3M 324 LED 70W Warm	600 x 600	596	596	95	573	573	3136703
LP3M 324 LED 70W Neutral	600 x 600	596	596	95	573	573	3136713
LP3M 324 LED 140W Warm	600 x 1200	596	1196	95	573	1173	3136743
LP3M 324 LED 140W Neutral	600 x 1200	596	1196	95	573	1173	3136753

For dimmer version add letter "D" at the end of product code.

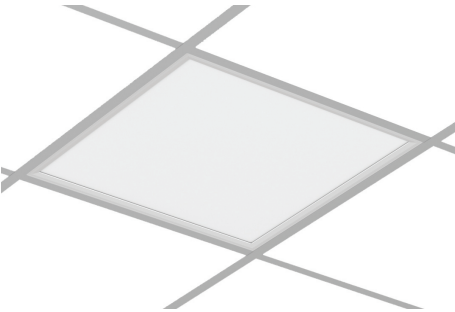
For the luminaires L321 LED & L322 LED an extra T profile is required in the ceiling panel.



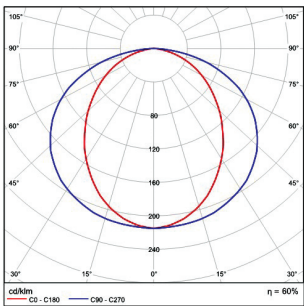
L320

PROFESSIONAL RECESSED LUMINAIRES

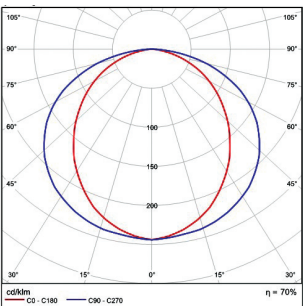
L320 LSPO LED



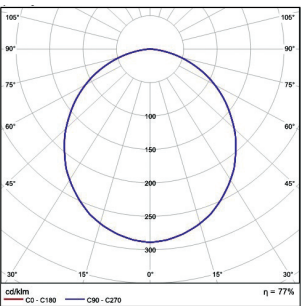
LSPO 321



LSPO 322

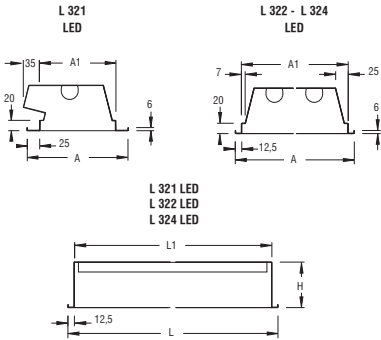


LSPO 324



- Steel body.
- High efficient satin PMMA cover.
- Frame made of white painted steel, with steel springs for adjusting the cover to the body of the luminaire.
- Suspension and power supply not included.
- CRI: min. 80 / SDCM: 3
- Luminous Efficacy at 321/ 322 editions:
High Efficiency - 206 Lm/Watt 4000K

- High Output - 195 Lm/Watt 3000K
201 Lm/Watt 4000K
189 Lm/Watt 3000K
- Luminous Efficacy at 324 edition:
High Efficiency - 189 Lm/Watt 4000K
182 Lm/Watt 3000K
179 Lm/Watt 4000K
High Output - 172 Lm/Watt 3000K



Description (High Efficiency 250mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
LSPO 321 LED 14W Warm	200 x 600	196	596	95	148	587	3106403
LSPO 321 LED 14W Neutral	200 x 600	196	596	95	148	587	3106413
LSPO 321 LED 25W Warm	200 x 1200	196	1196	95	148	1187	3106443
LSPO 321 LED 25W Neutral	200 x 1200	196	1196	95	148	1187	3106453
LSPO 322 LED 25W Warm	300 x 600	296	596	95	273	573	3106603
LSPO 322 LED 25W Neutral	300 x 600	296	596	95	273	573	3106613
LSPO 322 LED 49W Warm	300 x 1200	296	1196	95	273	1173	3106643
LSPO 322 LED 49W Neutral	300 x 1200	296	1196	95	273	1173	3106653

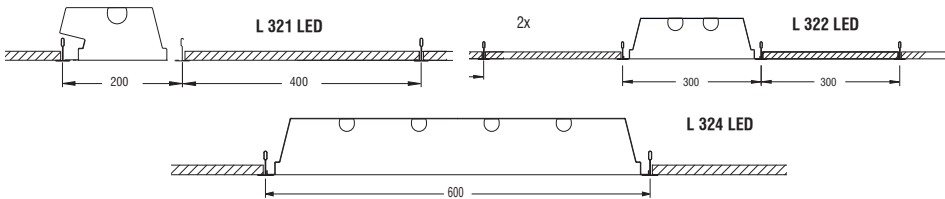
(High Efficiency 350mA)							
LSPO 324 LED 33W Warm	600 x 600	596	596	95	573	573	3106683
LSPO 324 LED 33W Neutral	600 x 600	596	596	95	573	573	3106693
LSPO 324 LED 66W Warm	600 x 1200	596	1196	95	573	1173	3106723
LSPO 324 LED 66W Neutral	600 x 1200	596	1196	95	573	1173	3106733

Description (High Output 350mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
LSPO 321 LED 19W Warm	200 x 600	196	596	95	148	587	3106423
LSPO 321 LED 19W Neutral	200 x 600	196	596	95	148	587	3106433
LSPO 321 LED 36W Warm	200 x 1200	196	1196	95	148	1187	3106463
LSPO 321 LED 36W Neutral	200 x 1200	196	1196	95	148	1187	3106473
LSPO 322 LED 36W Warm	300 x 600	296	596	95	273	573	3106623
LSPO 322 LED 36W Neutral	300 x 600	296	596	95	273	573	3106633
LSPO 322 LED 70W Warm	300 x 1200	296	1196	95	273	1173	3106663
LSPO 322 LED 70W Neutral	300 x 1200	296	1196	95	273	1173	3106673

(High Output 575mA)							
LSPO 324 LED 55W Warm	600 x 600	596	596	95	573	573	3106703
LSPO 324 LED 55W Neutral	600 x 600	596	596	95	573	573	3106713
LSPO 324 LED 110W Warm	600 x 1200	596	1196	95	573	1173	3106743
LSPO 324 LED 110W Neutral	600 x 1200	596	1196	95	573	1173	3106753

For dimmer version add letter “D” at the end of product code.

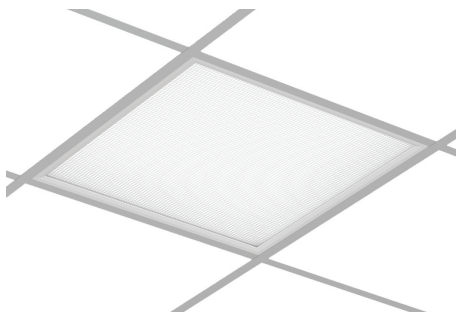
For the luminaires L321 LED & L322 LED an extra T profile is required in the ceiling panel.



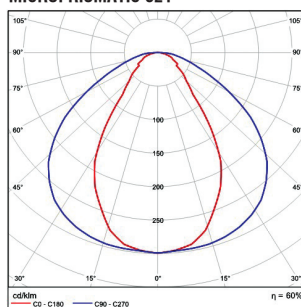
L320

PROFESSIONAL RECESSED LUMINAIRES

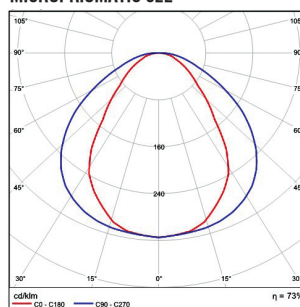
L320 MICROPRISMATIC LED



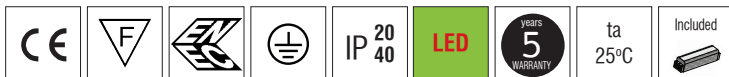
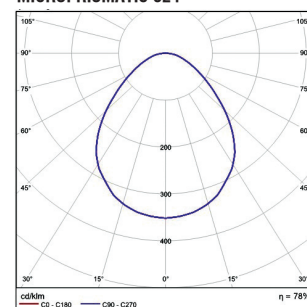
MICROPRISMATIC 321



MICROPRISMATIC 322

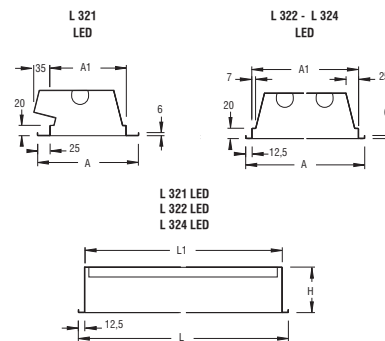


MICROPRISMATIC 324



- Steel body.
- High efficient microprismatic PMMA cover.
- Frame made of white painted steel, with steel springs for adjusting the cover to the body of the luminaire.
- Suspension and power supply not included.
- CRI: min. 80 / SDCM: 3
- Luminous Efficacy at 321/ 322 editions:
High Efficiency - 206 Lm/Watt 4000K

- High Output - 195 Lm/Watt 3000K
- High Output - 201 Lm/Watt 4000K
- High Output - 189 Lm/Watt 3000K
- Luminous Efficacy at 324 edition:
High Efficiency - 189 Lm/Watt 4000K
- High Output - 182 Lm/Watt 3000K
- High Output - 179 Lm/Watt 4000K
- High Output - 172 Lm/Watt 3000K



Description (High Efficiency 250mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
MICROPRISMATIC 321 LED 14W Warm	200 x 600	196	596	95	148	587	3146403
MICROPRISMATIC 321 LED 14W Neutral	200 x 600	196	596	95	148	587	3146413
MICROPRISMATIC 321 LED 25W Warm	200 x 1200	196	1196	95	148	1187	3146443
MICROPRISMATIC 321 LED 25W Neutral	200 x 1200	196	1196	95	148	1187	3146453

MICROPRISMATIC 322 LED 25W Warm	300 x 600	296	596	95	273	573	3146603
MICROPRISMATIC 322 LED 25W Neutral	300 x 600	296	596	95	273	573	3146613
MICROPRISMATIC 322 LED 49W Warm	300 x 1200	296	1196	95	273	1173	3146643
MICROPRISMATIC 322 LED 49W Neutral	300 x 1200	296	1196	95	273	1173	3146653

(High Efficiency 350mA)

MICROPRISMATIC 324 LED 33W Warm	600 x 600	596	596	95	573	573	3146683
MICROPRISMATIC 324 LED 33W Neutral	600 x 600	596	596	95	573	573	3146693
MICROPRISMATIC 324 LED 66W Warm	600 x 1200	596	1196	95	573	1173	3146723
MICROPRISMATIC 324 LED 66W Neutral	600 x 1200	596	1196	95	573	1173	3146733

Description (High Output 350mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
MICROPRISMATIC 321 LED 19W Warm	200 x 600	196	596	95	148	587	3146423
MICROPRISMATIC 321 LED 19W Neutral	200 x 600	196	596	95	148	587	3146433
MICROPRISMATIC 321 LED 36W Warm	200 x 1200	196	1196	95	148	1187	3146463
MICROPRISMATIC 321 LED 36W Neutral	200 x 1200	196	1196	95	148	1187	3146473

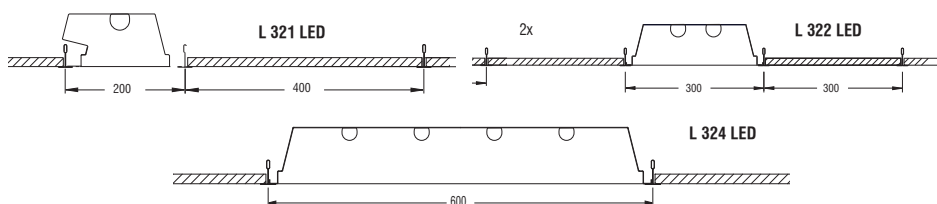
MICROPRISMATIC 322 LED 36W Warm	300 x 600	296	596	95	273	573	3146623
MICROPRISMATIC 322 LED 36W Neutral	300 x 600	296	596	95	273	573	3146633
MICROPRISMATIC 322 LED 70W Warm	300 x 1200	296	1196	95	273	1173	3146663
MICROPRISMATIC 322 LED 70W Neutral	300 x 1200	296	1196	95	273	1173	3146673

(High Output 575mA)

MICROPRISMATIC 324 LED 55W Warm	600 x 600	596	596	95	573	573	3146703
MICROPRISMATIC 324 LED 55W Neutral	600 x 600	596	596	95	573	573	3146713
MICROPRISMATIC 324 LED 110W Warm	600 x 1200	596	1196	95	573	1173	3146743
MICROPRISMATIC 324 LED 110W Neutral	600 x 1200	596	1196	95	573	1173	3146753

For dimmer version add letter "D" at the end of product code.

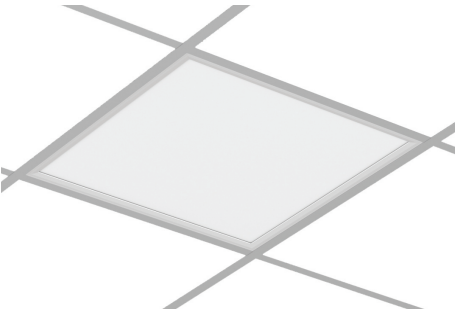
For the luminaires L321 LED & L322 LED an extra T profile is required in the ceiling panel.



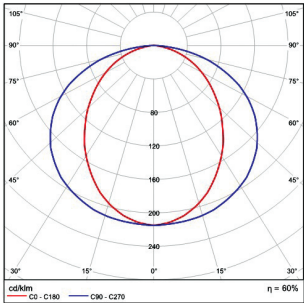
L320

PROFESSIONAL RECESSED LUMINAIRES

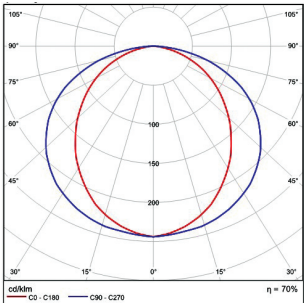
L320 LSP0 LED IP54



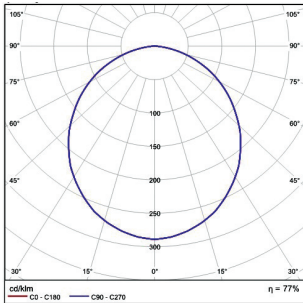
LSP0 321



LSP0 322

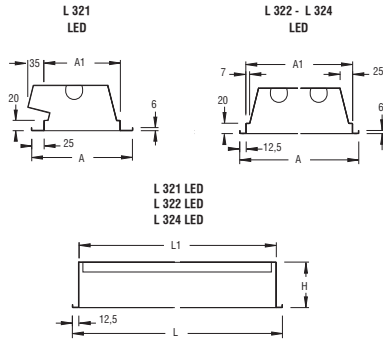


LSP0 324



- Steel body.
- High efficient satin PMMA cover.
- Frame made of white painted steel, with steel springs for adjusting the cover to the body of the luminaire.
- Suspension and power supply not included.
- CRI: min. 80 / SDCM: 3
- Luminous Efficacy at 321/ 322 editions:
High Efficiency - 206 Lm/Watt 4000K

- Luminous Efficacy at 324 edition:
High Efficiency - 189 Lm/Watt 4000K
- Luminous Efficacy at 321 edition:
High Output - 195 Lm/Watt 3000K
201 Lm/Watt 4000K
189 Lm/Watt 3000K
- Luminous Efficacy at 322 edition:
High Output - 179 Lm/Watt 4000K
172 Lm/Watt 3000K



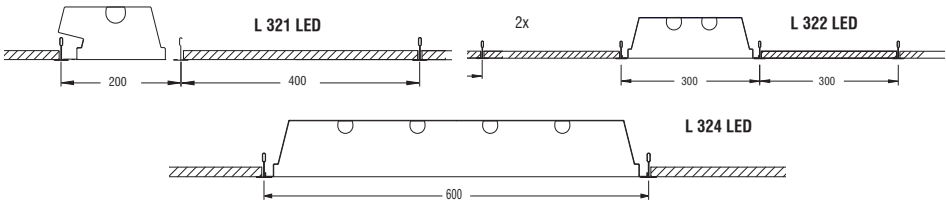
Description (High Efficiency 250mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
LSP0 321 LED 14W IP54 Warm	200 x 600	196	596	95	148	587	5856403
LSP0 321 LED 14W IP54 Neutral	200 x 600	196	596	95	148	587	5856413
LSP0 321 LED 25W IP54 Warm	200 x 1200	196	1196	95	148	1187	5856443
LSP0 321 LED 25W IP54 Neutral	200 x 1200	196	1196	95	148	1187	5856453
LSP0 322 LED 25W IP54 Warm	300 x 600	296	596	95	273	573	5856603
LSP0 322 LED 25W IP54 Neutral	300 x 600	296	596	95	273	573	5856613
LSP0 322 LED 49W IP54 Warm	300 x 1200	296	1196	95	273	1173	5856643
LSP0 322 LED 49W IP54 Neutral	300 x 1200	296	1196	95	273	1173	5856653
(High Efficiency 350mA)							
LSP0 324 LED 33W IP54 Warm	600 x 600	596	596	95	573	573	5856683
LSP0 324 LED 33W IP54 Neutral	600 x 600	596	596	95	573	573	5856693
LSP0 324 LED 66W IP54 Warm	600 x 1200	596	1196	95	573	1173	5856723
LSP0 324 LED 66W IP54 Neutral	600 x 1200	596	1196	95	573	1173	5856733

Description (High Output 350mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
LSP0 321 LED 19W IP54 Warm	200 x 600	196	596	95	148	587	5856423
LSP0 321 LED 19W IP54 Neutral	200 x 600	196	596	95	148	587	5856433
LSP0 321 LED 36W IP54 Warm	200 x 1200	196	1196	95	148	1187	5856463
LSP0 321 LED 36W IP54 Neutral	200 x 1200	196	1196	95	148	1187	5856473
LSP0 322 LED 36W IP54 Warm	300 x 600	296	596	95	273	573	5856623
LSP0 322 LED 36W IP54 Neutral	300 x 600	296	596	95	273	573	5856633
LSP0 322 LED 70W IP54 Warm	300 x 1200	296	1196	95	273	1173	5856663
LSP0 322 LED 70W IP54 Neutral	300 x 1200	296	1196	95	273	1173	5856673

(High Output 575mA)							
LSP0 324 LED 55W IP54 Warm	600 x 600	596	596	95	573	573	5856703
LSP0 324 LED 55W IP54 Neutral	600 x 600	596	596	95	573	573	5856713
LSP0 324 LED 110W IP54 Warm	600 x 1200	596	1196	95	573	1173	5856743
LSP0 324 LED 110W IP54 Neutral	600 x 1200	596	1196	95	573	1173	5856753

For dimmer version add letter “D” at the end of product code.

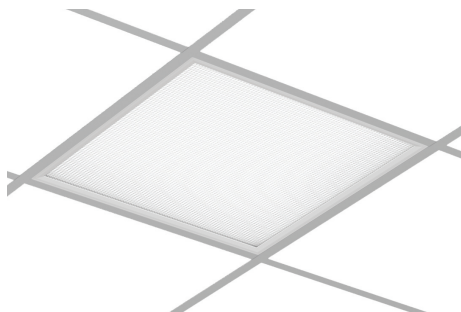
For the luminaires L321 LED & L322 LED an extra T profile is required in the ceiling panel.



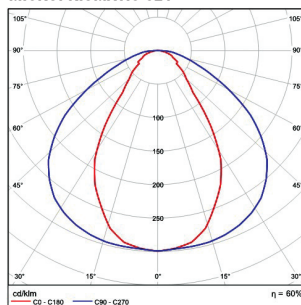
L320

PROFESSIONAL RECESSED LUMINAIRES

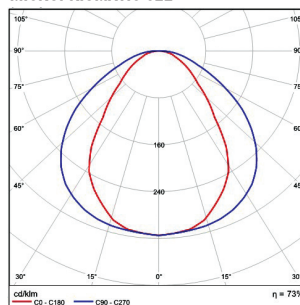
L320 MICROPRISMATIC LED IP54



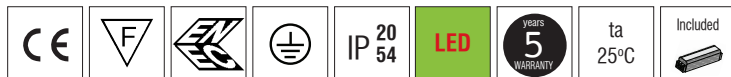
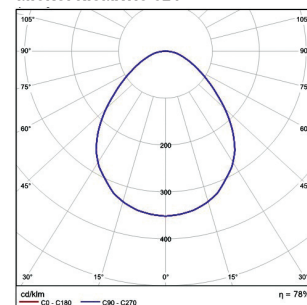
MICROPRISMATIC 321



MICROPRISMATIC 322

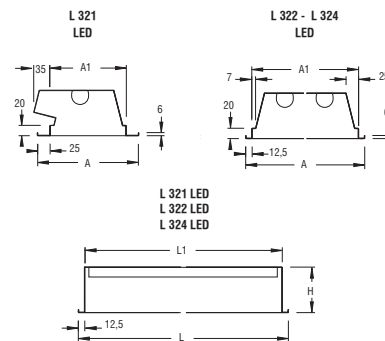


MICROPRISMATIC 324



- Steel body.
- High efficient microprismatic PMMA cover.
- Frame made of white painted steel, with steel springs for adjusting the cover to the body of the luminaire.
- Suspension and power supply not included.
- CRI: min. 80 / SDCM: 3
- Luminous Efficacy at 321/ 322 editions:
High Efficiency - 206 Lm/Watt 4000K

- Luminous Efficacy at 324 edition:
High Efficiency - 182 Lm/Watt 3000K
- High Output - 179 Lm/Watt 4000K
- High Output - 172 Lm/Watt 3000K



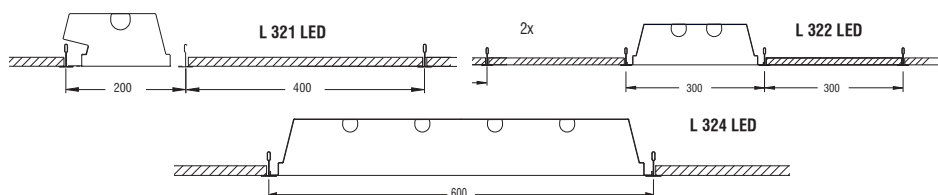
Description (High Efficiency 250mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
MICROPRISMATIC 321 LED 14W IP54 Warm	200 x 600	196	596	95	148	587	5816403
MICROPRISMATIC 321 LED 14W IP54 Neutral	200 x 600	196	596	95	148	587	5816413
MICROPRISMATIC 321 LED 25W IP54 Warm	200 x 1200	196	1196	95	148	1187	5816443
MICROPRISMATIC 321 LED 25W IP54 Neutral	200 x 1200	196	1196	95	148	1187	5816453
MICROPRISMATIC 322 LED 25W IP54 Warm	300 x 600	296	596	95	273	573	5816603
MICROPRISMATIC 322 LED 25W IP54 Neutral	300 x 600	296	596	95	273	573	5816613
MICROPRISMATIC 322 LED 49W IP54 Warm	300 x 1200	296	1196	95	273	1173	5816643
MICROPRISMATIC 322 LED 49W IP54 Neutral	300 x 1200	296	1196	95	273	1173	5816653
(High Efficiency 350mA)							
MICROPRISMATIC 324 LED 33W IP54 Warm	600 x 600	596	596	95	573	573	5816683
MICROPRISMATIC 324 LED 33W IP54 Neutral	600 x 600	596	596	95	573	573	5816693
MICROPRISMATIC 324 LED 66W IP54 Warm	600 x 1200	596	1196	95	573	1173	5816723
MICROPRISMATIC 324 LED 66W IP54 Neutral	600 x 1200	596	1196	95	573	1173	5816733

Description (High Output 350mA)	For panels with structure	Dimensions					Code
		A	L	H	A1	L1	
MICROPRISMATIC 321 LED 19W IP54 Warm	200 x 600	196	596	95	148	587	5816423
MICROPRISMATIC 321 LED 19W IP54 Neutral	200 x 600	196	596	95	148	587	5816433
MICROPRISMATIC 321 LED 36W IP54 Warm	200 x 1200	196	1196	95	148	1187	5816463
MICROPRISMATIC 321 LED 36W IP54 Neutral	200 x 1200	196	1196	95	148	1187	5816473
MICROPRISMATIC 322 LED 36W IP54 Warm	300 x 600	296	596	95	273	573	5816623
MICROPRISMATIC 322 LED 36W IP54 Neutral	300 x 600	296	596	95	273	573	5816633
MICROPRISMATIC 322 LED 70W IP54 Warm	300 x 1200	296	1196	95	273	1173	5816663
MICROPRISMATIC 322 LED 70W IP54 Neutral	300 x 1200	296	1196	95	273	1173	5816673

(High Output 575mA)							
MICROPRISMATIC 324 LED 55W IP54 Warm	600 x 600	596	596	95	573	573	5816703
MICROPRISMATIC 324 LED 55W IP54 Neutral	600 x 600	596	596	95	573	573	5816713
MICROPRISMATIC 324 LED 110W IP54 Warm	600 x 1200	596	1196	95	573	1173	5816743
MICROPRISMATIC 324 LED 110W IP54 Neutral	600 x 1200	596	1196	95	573	1173	5816753

For dimmer version add letter "D" at the end of product code.

For the luminaires L321 LED & L322 LED an extra T profile is required in the ceiling panel.



L320

PROFESSIONAL RECESSED LUMINAIRES

