



## LESEL HIGH POWER - SQUARE

### Typology

LED source with SMD technology and high efficiency chip integrated into a recessed luminaire.

### Features

Soft satin effect polycarbonate anti-glare diffuser.

### Installation

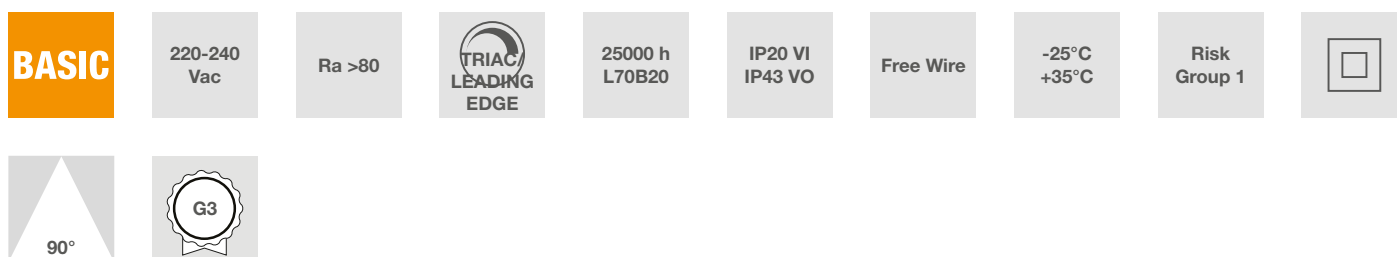
Complete with springs for easy fastening into false ceilings.  
Connection to the mains with terminal block.

### Material

Thermally conductive body; extremely light and manageable.  
White ring.

### Notes

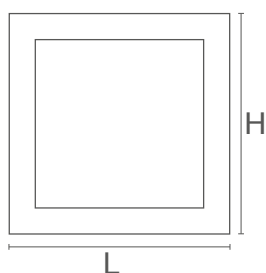
Do not use with dimmers except if otherwise indicated.



### Characteristic data

Power	30 W	Beam	90°	Dimmable	TRIAC/LEADING EDGE	Input	220-240 Vac
Base	Free Wire	IP	20	Optical compartment IP	43	Flux	2700 lm
Axis	930 cd	PF	0,95	Tc	3000 K	Ra	>80
LED Warranty	G3	RG	RG1				

## Dimensional characteristics



L	230 mm
L1	230 mm
H	60 mm

Cutting hole	200x200
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## Lighting and photometric features

Beam opening	90°
Flux	2700 lm
Axis	930 cd
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
Colour rendering index	>80
Lifespan	25000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

## Electrical characteristics

Rated power	30 W
Input voltage	220-240 Vac
Frequency	50/60 Hz
Dimmable	TRIAC/LEADING EDGE
Power factor (PF)	0,95
Input current	0.13 A
Weighted energy consumption	30 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +35°C

## Photometry

	3000K	H(m)	D(m)	Emax(lx)
	Ra80		110°	
	Fixture Power	30W	1	2.87
	Source Flux	2700lm	2	5.74
	Fixture Flux	2700lm	3	8.62
	Efficacy	90lm/W	4	11.49
	847760	Imax=358cd/klm	Imax	966cd

EulumDat file on the site

## Other Infotech

Reflector	Yes
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## LED Warranty

G3	Up to 3 years (4000h/year) *4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
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## European Directives

2009/125/EC \* Ecodesign  
2011/65/EU \* RoHS  
2012/19/EU \* RAEE  
2014/30/EU \* EMC  
2014/35/EU \* LVD  
2015/863 \* Amending RoHS  
2017/1369 \* Regulation for Energy Labelling  
2019/2015 \* Regulation for Energy Labelling  
2019/2020 \* Regulation for Ecodesign  
2021/340 \* Amending Reg. Energy Labelling  
2021/341 \* Amending Reg. Ecodesign

## Product standards

CEI EN 55015:2020 (+A11:2020)  
CEI EN 60598-1:2022  
CEI EN 60598-2-2:2012  
CEI EN 61000-3-2:2019 (+A1:2021)  
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)  
CEI EN 61547:2010  
CEI EN 62031:2021 (+A11:2022)  
CEI EN 62471:2010  
IEC/TR 62471-2:2009  
CEI EN 62493:2015  
CEI 34-141:2014

## Logistics data

Item net weight	672 gr
Barcode single item	8011905847760
Number of pieces multiple pack	6
Barcode multiple pack	8011905847777
Minimum order quantity	6