



LINE DIRECTO

TIPO DE PRODUCTO: Luminária de aplicar o suspender .

CUERPO: Aluminio aluar

DIFUSOR: Difusor acrílico micro prismático Policarbonato opal.

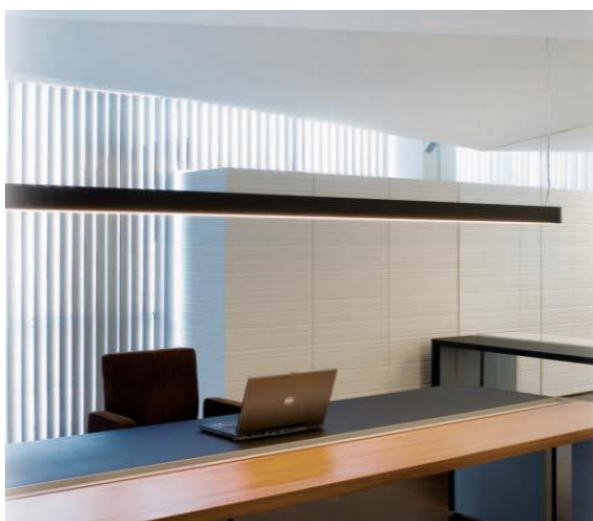
ACABADO: pintura en polvo poliéster

DISTRIBUCIÓN DE LUZ: Directa – Simétrica

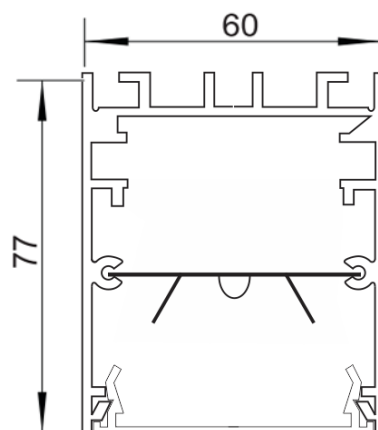
COLOR: Blanco - aluminio

IP: 20

DETALLES



MEDIDAS

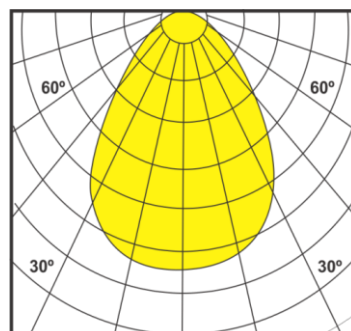


Modular el largo del artefacto, teniendo en cuenta la medida de la placa Triano LED N (550mm)

LÁMPARAS

CÓDIGO	LÁMPARA	LARGO	POT(W)	CRI	TCOLOR	LUMENES
M1	PLACA LED	570 mm	23 W	> 80	3000/4000 K	2990 lm
M2	PLACA LED	1120 mm	24 W	> 80	3000/4000 K	3120 lm
M3	PLACA LED	1120 mm	46 W	> 80	3000/4000 K	5980 lm
M4	PLACA LED	1670 mm	36 W	> 80	3000/4000 K	4680 lm
M5	PLACA LED	1670mm	70 W	>80	3000/4000 K	8970 lm
M6	PLACA LED	2230mm	46 W	>80	3000/4000 K	5980 lm
M7	PLACA LED	2230mm	92 W	>80	3000/4000 K	11960 lm

CURVA FOTOMETRICA



IS ILUMINACIÓN SUDAMERICANA



PLACA TRIANO 55,4

Beneficios:

- Alta eficiencia energética
- Fácil instalación
- Sencilla implementación
- Apta para todo tipo de luminaria fluorescentes .

- LAMPARA:** PLACA TRIANO 55,4
- LED OSRAM**
- POTENCIA:** 21 W
- FLUJO LUMINOSO:** 2730lm
- RENDIMIENTO:** 130 lm/ W
- TC°:** 3000K/ 4000K
- LIBRE DE RADIACIONES UV a IR**
- CRI :** 80
- Apta dimerizable**
- Apto DALI**

MEDIDAS

MINI 50mm



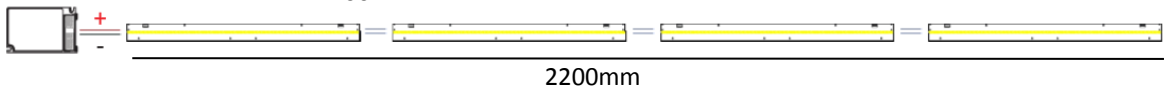
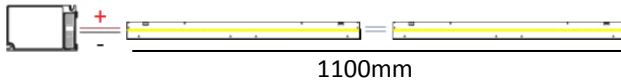
MITAD 277mm



MODULO 55,4mm



MODULO:
L=554mm A= 16mm H=1,5mm



DETALLE



 SMD Terminal Block	 P2F - Push To Fix
 Conexión automática	 0,34-0,75mm ²
 50.000hs	 No requiere disipador

IS ILUMINACIÓN SUDAMERICANA

LL1x70-E-DA

Helvar

1x70 W DALI controllable LED driver

70 W 220-240 VAC 50-60 Hz

- Selectable constant current output: 350 (default) to 700 mA
- DALI control input 1 % - 100 % dimming range
- Low standby power 0.4 W
- Accept DC mains in case of central emergency battery
- Protected up to 4 kV power network fast transients
- Over load, open & short circuit protection
- High efficiency > 0.91
- Suitable for Class I luminaires



Mains Characteristics

Voltage range	198 - 264 VAC
DC range	176 - 280 VDC, Starting voltage > 195 VDC
Max mains current at full load	0.33- 0.42 A
Frequency	0 / 50 - 60 Hz
U-OUT _{max} (abnormal)	250 V

Load Output

Output current (I-OUT)	350 - 700 mA
Max output power	70 W
Efficiency, at full load, typical	≥ 0.91

I-OUT	350 mA	700 mA
P-out (max)	70 W	70 W
U-OUT	50 - 200 V	50 - 100 V
λ	0.98	0.98
η @ max	0.91	0.91

Operating Conditions and Characteristics

Max.temperature at tc point	75 °C
Ambient temperature range	-20...+50 °C
Storage temperature range	-40...+80 °C
Maximum relative humidity	No condensation
Life time	50 000h, at TC max (90% survival rate)

Connections and Mechanical Data

Wire size	0.5 - 1.5 mm ²
Wire type	Solid core and fine-stranded
Wiring insulation	According to EN 60598
Maximum driver to LED wire length	5 m
Weight	242 g
IP rating	IP20

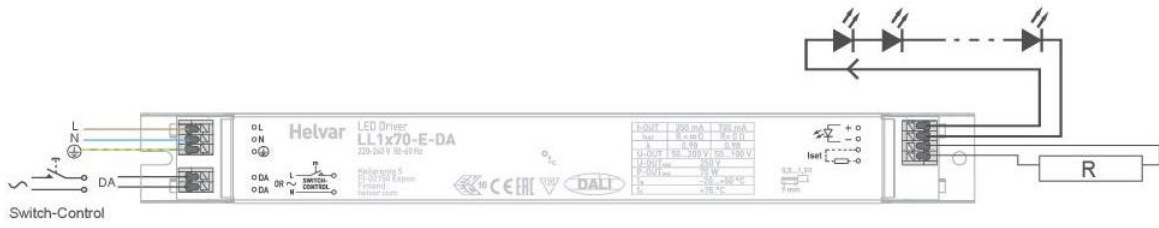
Conformity & Standards

General and safety requirements	EN 61347-1
Particular safety requirements for DC or AC supplied electronic control gear for LED modules	EN 61347-2-13
Thermal protection class	EN 61347, C5e
Mains current harmonics	EN 61000-3-2
Limits for Voltage Fluctuations and Flicker	EN 61000-3-3
Radio Frequency Interference	EN 55015
Immunity standard	EN 61547
Performance requirements	EN 62384
Digital addressing lighting interface (DALI) *	EN 62386-207

Compliant with relevant EU directives
ENEC & CE marked

* with additional extensions

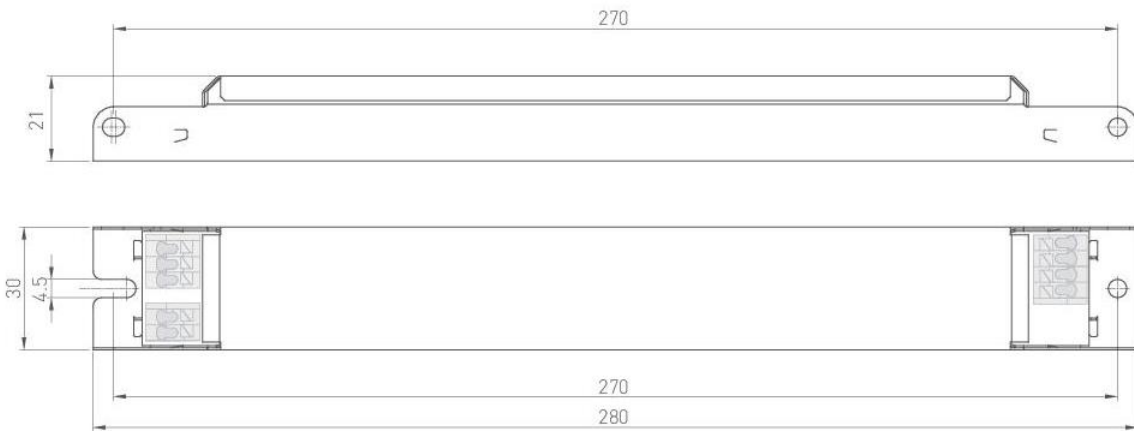
IS ILUMINACIÓN
SUDAMERICANA



Note:

- Not suitable for load side switching operation.
- Driver output and current setting circuit are not isolated from mains

Dimensions



Quantity of LED control gear for miniature circuit breakers (MCB's)

	Quantity of drivers per miniature circuit breaker 16 A Type C		Typical inrush current I_{peak} (A)	1/2 value time Δt (μs)	Calculated energy $I_{peak}^2 \Delta t$ ($A^2 s$)
	Based on I_{Cont}	Based on I_{peak}			
LL1x70-E-DA	31	53	33	148.0	0.146500

Type-C MCB's with trip characteristics in according to EN 60898 are recommended.