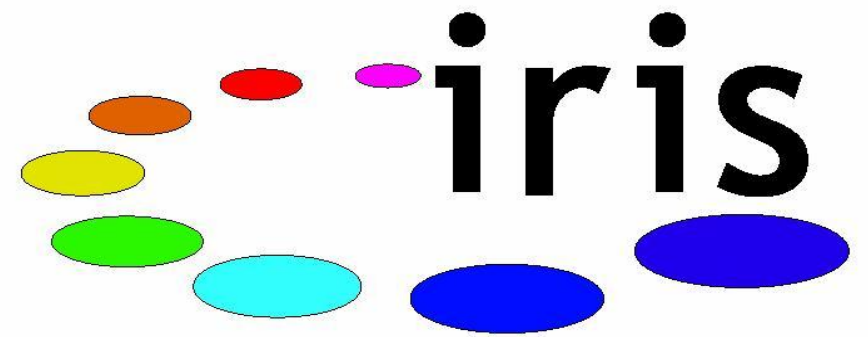
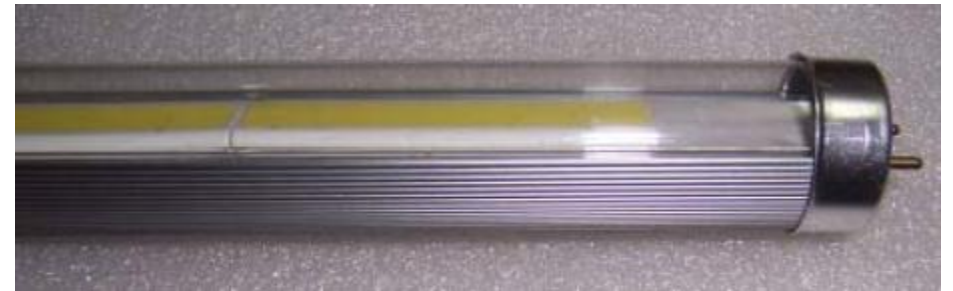




ECOptimo T10 120V



IRIS 2002,S.A.
C/San Agustin, 17 28014 Madrid SPAIN
T. +34 91 429 42 99 F.+34 91 369 05 93
www.irisled.com

Features and Benefits

- Very high Energy Savings: At least 50% energy savings over traditional tubes
- Extremely bright
- High Ra-color Rendering Index
- Top Uniformity: LED source is a light panel that generates uniform brightness
- without hotspots or blinding effect.
- Long Life: 40,000 hrs (50% light depreciation)
- Beam angle: 150°. Wide distribution without wasting light
- Wide Operating Temperature: -40°C to 60°C
- Available in 4 standard lengths:
 - 600 mm: 8W
 - 900 mm: 13W
 - 1200 mm: 18W
 - 1500 mm: 24W
- Various White Temperatures: 3000°K (warm), 5000°K (neutral), 7000°K (cold)
- No heat or UV emitted
- Driver included inside the tube for easier installation

Application

Applications where products illuminated are sensitive to IR (heat) and UV
 Office lighting, airports, difficult to maintain areas
 Factories & Warehouses
 Shopping malls & Supermarkets
 savings

Material

Front PMMA Acrylic
 Back Aluminium profile

Lifetime & Warranty

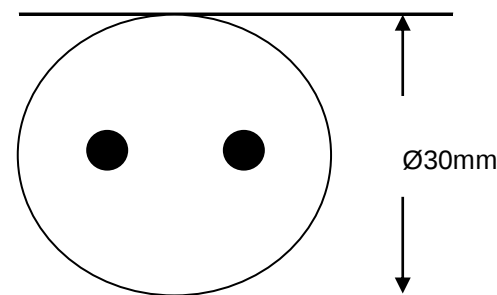
Expected Lifetime: 40.000 hrs

Warranty: 2 years

Luminous Intensity

Ecoptimo T10 tubes	Equal to Fluorescent tubes
8W	18W
13W	30W
18W	36W
24W	58W

Cross Section

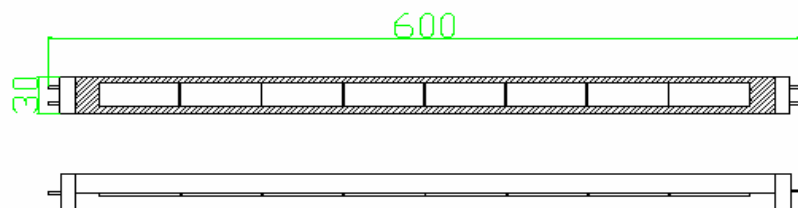


Technical Performance

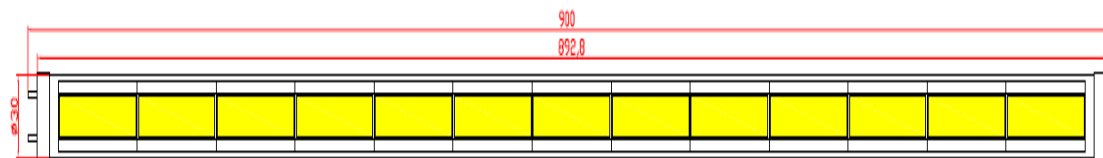
CODE	REFERENCE	VOLTAGE	DRIVER IN THE TUBE	COLOR TEMPERATURE (K)	LIGHT OUTPUT (lm)	LENGTH (mm)	CRI	BEAM ANGLE (°)	TUBE DIAMETER (mm)	POSSIBLE TO DIM	NET WEIGHT (Kg)
20260007	ECOptimo Basic 600mm 8W 3000K 120V CL T10 D30	120V	Yes	3000	560	600	80	150	30	yes	0.23
20260008	ECOptimo Basic 600mm 8W 5000K 120V CL T10 D30	120V	Yes	5000	600	600	75	150	30	yes	0.23
20260009	ECOptimo Basic 600mm 8W 7000K 120V CL T10 D30	120V	Yes	7000	640	600	70	150	30	yes	0.23
20260019	ECOptimo Basic 900mm 13W 3000K 120V CL T10 D30	120V	Yes	3000	910	900	80	150	30	yes	0.335
20260020	ECOptimo Basic 900mm 13W 5000K 120V CL T10 D30	120V	Yes	5000	975	900	75	150	30	yes	0.335
20260021	ECOptimo Basic 900mm 13W 7000K 120V CL T10 D30	120V	Yes	7000	1040	900	70	150	30	yes	0.335
20260031	ECOptimo Basic 1200mm 18W 3000K 120V CL T10 D30	120V	Yes	3000	1260	1200	80	150	30	yes	0.44
20260032	ECOptimo Basic 1200mm 18W 5000K 120V CL T10 D30	120V	Yes	5000	1350	1200	75	150	30	yes	0.44
20260033	ECOptimo Basic 1200mm 18W 7000K 120V CL T10 D30	120V	Yes	7000	1440	1200	70	150	30	yes	0.44
20260043	ECOptimo 1500mm 24W 3000K 120V CL T10 D30	120V	Yes	3000	1680	1500	80	150	30	yes	0.545
20260044	ECOptimo Basic 1500mm 24W 5000K 120V CL T10 D30	120V	Yes	5000	1800	1500	75	150	30	yes	0.545
20260045	ECOptimo Basic 1500mm 24W 7000K 120V CL T10 D30	120V	Yes	7000	1920	1500	70	150	30	yes	0.545

Dimensions

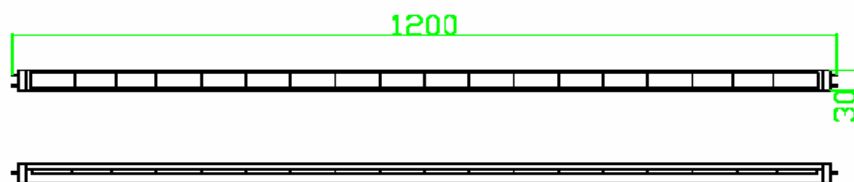
Ecoptimo T10 600mm



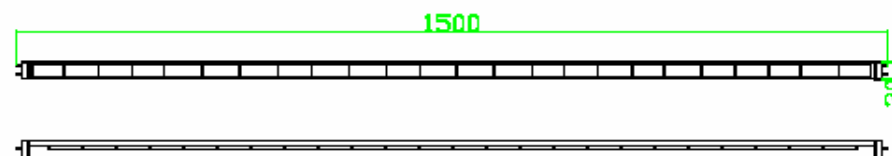
Ecoptimo T10 900mm



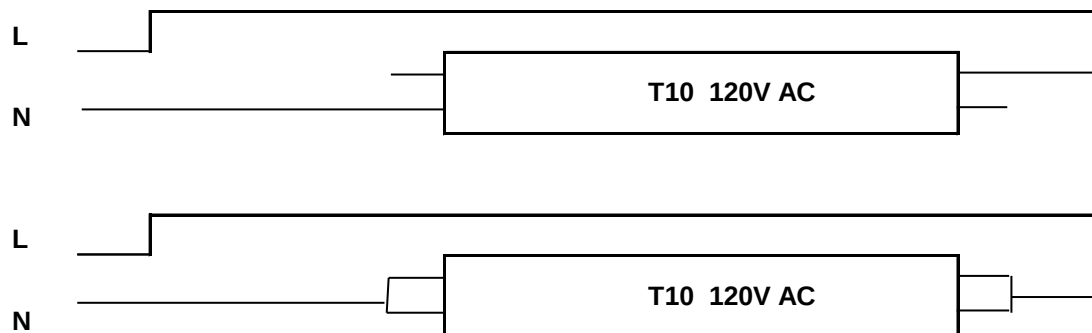
Ecoptimo T10 1200mm



Ecoptimo T10 1500mm

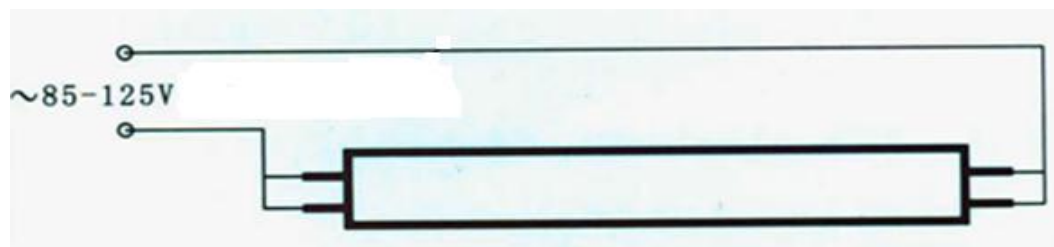


Connection



Installation

LED Fluorescent lamp instruction guide line



Take away the common Fluorescent lamp, and take out the starter and ballast or shorting the ballast connect lines, and then connect the Eceptimo tube

Replacing the common Fluorescent lamp as the Following circuit and instruction:

