



Tubular and modular LED lighting. Aluminum structure with 3mm borosilicate glass covering.  
 6-12-18-24W power. 24Vdc power supply.

LED source exempt from photobiological risk.

Applications: particularly suitable for high speed milling machines, CNC, extreme working environments.

**Electrical features**

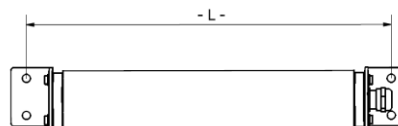
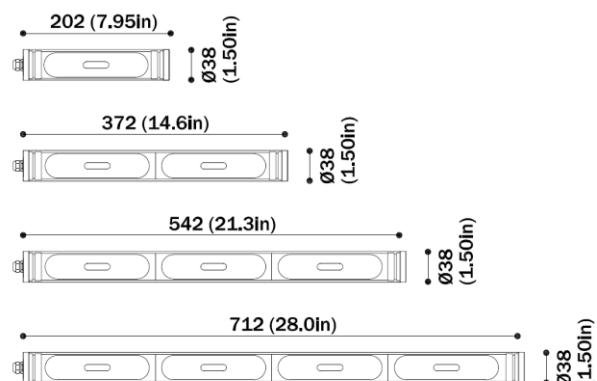
Power supply	24 Vdc
LED driver 700mA	built-in
IEC class	III
Degree of protection	IP68
Connection	cable / M12 connector

**Optical and mechanical features**

LED type	LED MULTICHIP
LED lifetime	50 000 h
Brightness	wide beam 120°
Light color	5000K Ra65
Structure	Aluminum
Covering	Borosilicate glass 3mm
Color	Aluminum
Operating temperature	-20 +55°C
Fastening	steel plates cod. T.FX01
Power supply cable	PUR 2x0.75mmq

Model	Power supply	N° of LED	Current	Watt	Weight
TCITY.6	24 V dc	1	700mA	6 W	0,45 Kg / 0,992 lb ~
TCITY.12	24 V dc	2	700mA	12 W	0,90 Kg / 1,98 lb ~
TCITY.18	24 V dc	3	1400mA	18 W	1,35 Kg / 2,98 lb ~
TCITY.24	24 V dc	4	1400mA	24 W	1,80 Kg / 3,97 lb ~

**DIMENSIONS** (all values in millimeter / inch )

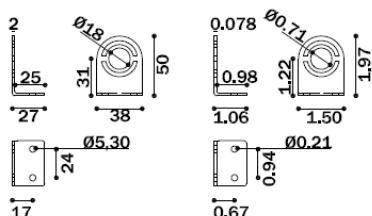


Model	L - in mm / inch
TCITY.6	236 / 9,29
TCITY.12	406 / 16
TCITY.18	576 / 22,7
TCITY.24	746 / 29,4

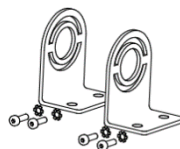
Fixing holes with T.FX01



FASTENING PLATES T.FX01



Values in mm / inch



cod. **T.FX01**

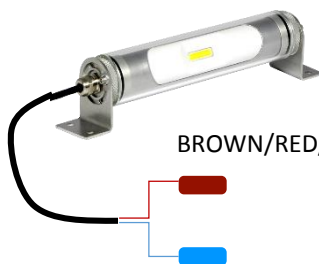
n.2 fastening steel plates  
 $\alpha \pm 60^\circ$

Composition Kit: n.2 steel plates, n.2 screw M3x10 and n.2 star washers M12 version for fixing.

CABLE VERSION – ELECTRICAL CONNECTION



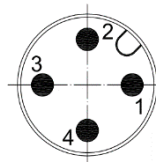
**RESPECT POLARITIES**



BROWN/RED/BLACK1 - 24VDC (+)

BLUE/BLACK2 - 0VDC (-)

M12 VERSION – PIN CONNECTION



Respect pin polarities to connect the female connector

PIN1 : 24VDC positive  
 PIN2 : not connected  
 PIN3 : 0VDC negative  
 PIN4 : not connected



ORDER CODES



CODE	N.LED	LIGHT COLOR	POWER W	POWER SUPPLY	CONNECTION
TCITY.6	1	5000K CRI65	6W	24VDC	1,5M CABLE
TCITY.12	2	5000K CRI65	12W	24VDC	1,5M CABLE
TCITY.18	3	5000K CRI65	18W	24VDC	1,5M CABLE
TCITY.24	4	5000K CRI65	24W	24VDC	1,5M CABLE
TCITY.6.C3	1	5000K CRI65	6W	24VDC	3M CABLE
TCITY.12.C3	2	5000K CRI65	12W	24VDC	3M CABLE
TCITY.18.C3	3	5000K CRI65	18W	24VDC	3M CABLE
TCITY.24.C3	4	5000K CRI65	24W	24VDC	3M CABLE
TCITY.6.C5	1	5000K CRI65	6W	24VDC	5M CABLE
TCITY.12.C5	2	5000K CRI65	12W	24VDC	5M CABLE
TCITY.18.C5	3	5000K CRI65	18W	24VDC	5M CABLE
TCITY.24.C5	4	5000K CRI65	24W	24VDC	5M CABLE
TCITY.6.C10	1	5000K CRI65	6W	24VDC	10M CABLE
TCITY.12.C10	2	5000K CRI65	12W	24VDC	10M CABLE
TCITY.18.C10	3	5000K CRI65	18W	24VDC	10M CABLE
TCITY.24.C10	4	5000K CRI65	24W	24VDC	10M CABLE










## VERSIONS WITH M12 PANEL CONNECTOR 4 PIN MALE



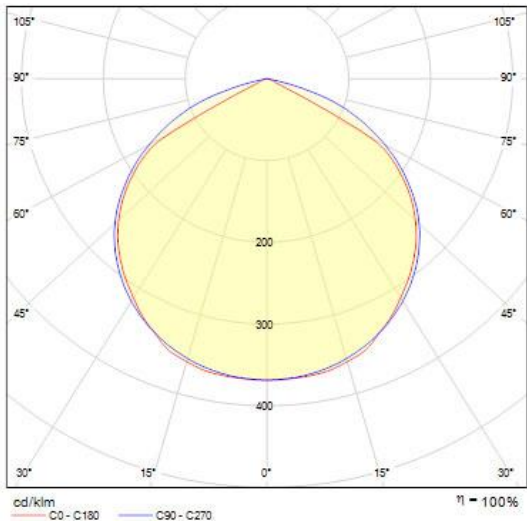
CODE	N.LED	LIGHT COLOR	POWER	POWER SUPPLY	CONNECTION
TCITY.6.M12	1	5000K CRI65	6W	24VDC	M12 CONNECT
TCITY.12.M12	2	5000K CRI65	12W	24VDC	M12 CONNECT
TCITY.18.M12	3	5000K CRI65	18W	24VDC	M12 CONNECT
TCITY.24.M12	4	5000K CRI65	24W	24VDC	M12 CONNECT

## ACCESSORIES

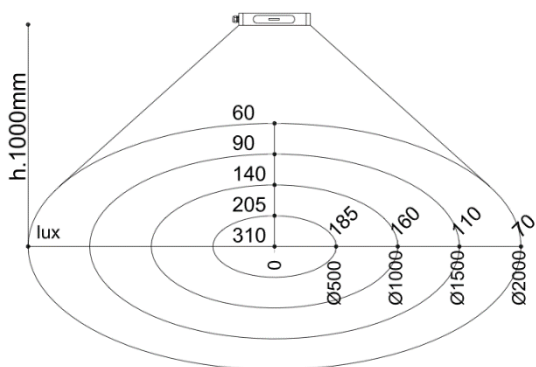
CODE	DESCRIPTION
 T.FX01	Fastening kit TCITY
 APV.60.24	AC/DC converter 230/24VDC 60W
 - 1,5m - M12V.F.C1,5	M12 4P (F) CONN + H05RNF 2x0,75 L1,5m cable
 - 3m - M12V.F.C3	M12 4P (F) CONN + H05RNF 2x0,75 L3m cable
 - 5m - M12V.F.C5	M12 4P (F) CONN + H05RNF 2x0,75 L5m cable
 - 10m - M12V.F.C10	M12 4P (F) CONN + H05RNF 2x0,75 L10m cable
 N11810001040302	M12 4P (F) connector for 6-8mm power supply cable



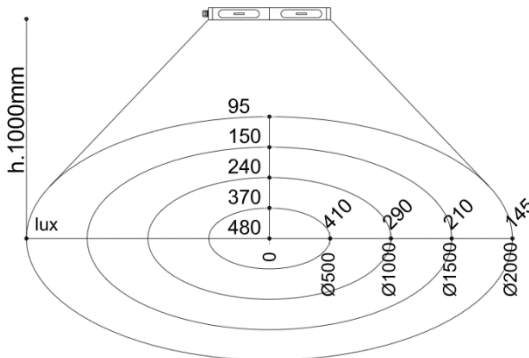
PHOTOMETRIC DATA – FLOW LIGHT FROM WORKING SURFACE



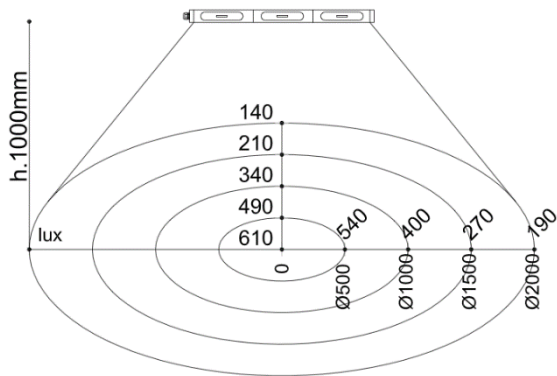
720 lm - 120° (flux LED)



1440 lm - 120° (flux LED)



2160 lm - 120° (flux LED)



2880 lm - 120° (flux LED)

