TECH**LUMEN**
L E D   L I G H T I N G

CEILING LED FIXTURE

TETRA-100 Series

Techlumen TETRA-100 LED led fixture offers high efficiency lighting.

It has a square shape, is made of aluminum and is available in a wide variety of electrostatic powder coating colors.

It is produced in versions ranging from 2700K to 6500K, with a CRI index up to 97.

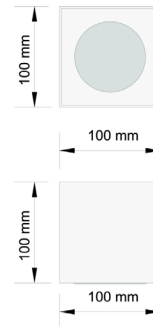It has low consumption and high efficiency.

It is also produced in DIM to WARM versions, with a CCT varying from 1800K to 3000K.

It is produced in 3 power versions, 6W, 9W and 12W, and has a rich range of optics to make it an excellent tool for the lighting designer.

TETRA-100 has LM80> 70000h index and 5 years warranty.

FIVE YEAR Warranty
LED Driver

bridgelux

TEN YEAR Warranty
LED Chip

Manufactured in Greece

Dimensions

100 mm
100 mm
100 mm
100 mm

Pros

• Low working temperature
• It produces little heat compared to other types of lighting
• Requires no maintenance
• Long life - 5 years warranty
• Easy installation
• High reliability
• Excellent performance with low power consumption
• High brightness
• High color rendering up to 97 CRI
• Instant start - immediate termination
• It does not emit UV or IR radiation
• Does not contain mercury
• Resistance to shock and vibration

Applications
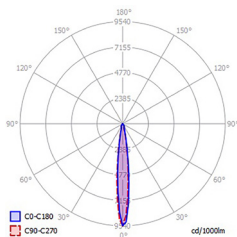
• Stores
• Exhibitions
• Offices
• Art Gallery
• Restaurants
• Bars

Type	TETRA-100
Luminous Flux	629 lm - 2096 lm
Power	6W - 12W
Dimming	Optional
Ambient Temperature	-30 ºC - + 40 ºC
Efficacy	95 - 174 lm/W
Power Factor	0,95
CRI	70 - 90
CCT	2700 - 6500K
IP Rating	IP20
Body	Aluminium
Finishing	Any RAL
Dimensions	100mm X 100mm X 100mm
Weight	1,2 Kg
Warranty	5 years
Compliances:	CE,
	EN 60598-1:2021
	EN 60598-2-1:2022
	IEC 60598-2-2:2023
	EN IEC 61000-3-2:2019+A1:2021
	EN 61000-3-3:2013+A2:2021
	EN 61547:2020
	EN 55015:2019+A11:2020
	EN 62471:2008
	EN 62493:2015+A1:2022
	EN 63000:2018
	Directive (LVD) -2014/35/EU
	Directive (EMC) -2014/30/EU
	Directive (RoHS) -2011/65/EU
	Directive (REACH) - 2015/863/EU
	Directive (ErP) -2009/125/EC
	Directive (GPS) -2001/95/EU

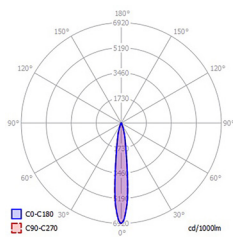| TETRA-100 Versions					
Watt	Code	CCT	CRI	Lumen	Lm/W
6W	TETRA-100-927-6	2700	90	590	95
	TETRA-100-827-6	2700	80	740	119
	TETRA-100-930-6	3000	90	625	100
	TETRA-100-830-6	3000	80	785	126
	TETRA-100-940-6	4000	90	670	108
	TETRA-100-840-6	4000	80	820	132
	TETRA-100-850-6	5000	80	820	132
	TETRA-100-750-6	5000	70	865	139
9W	TETRA-100-827-9	2700	80	1332	146
	TETRA-100-927-9	2700	90	1111	122
	TETRA-100-830-9	3000	80	1388	153
	TETRA-100-930-9	3000	90	1152	127
	TETRA-100-835-9	3500	80	1430	157
	TETRA-100-935-9	3500	90	1194	131
	TETRA-100-840-9	4000	80	1444	159
	TETRA-100-940-9	4000	90	1236	136
	TETRA-100-750-9	5000	70	1580	174
	TETRA-100-850-9	5000	80	1486	163
	TETRA-100-950-9	5000	90	1264	139
	TETRA-100-757-9	5700	70	1525	168
	TETRA-100-857-9	5700	80	1511	166
	TETRA-100-765-9	6500	70	1553	171
	TETRA-100-865-9	6500	80	1538	169
12W	TETRA-100-827-12	2700	80	1768	145
	TETRA-100-927-12	2700	90	1473	121
	TETRA-100-830-12	3000	80	1841	151
	TETRA-100-930-12	3000	90	1529	125
	TETRA-100-835-12	3500	80	1896	156
	TETRA-100-935-12	3500	90	1584	130
	TETRA-100-840-12	4000	80	1915	157
	TETRA-100-940-12	4000	90	1639	134
	TETRA-100-750-12	5000	70	2096	172
	TETRA-100-850-12	5000	80	1970	162
	TETRA-100-950-12	5000	90	1676	137
	TETRA-100-757-12	5700	70	2022	166
	TETRA-100-857-12	5700	80	2003	164
	TETRA-100-765-12	6500	70	2059	169
	TETRA-100-865-12	6500	80	2041	167

IP65 under request
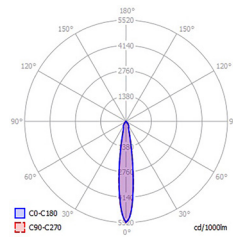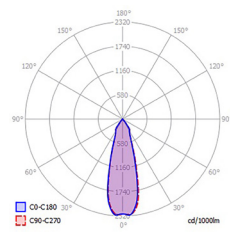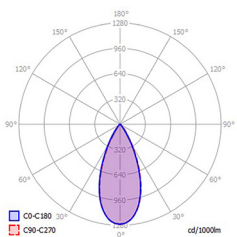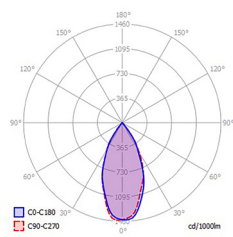
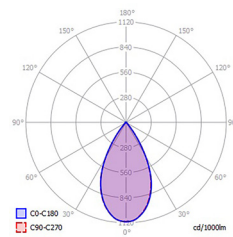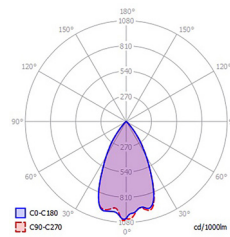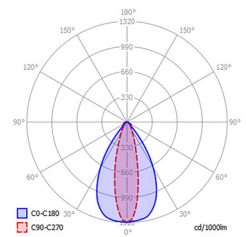## Polar intensity diagram

11º   15º   18º   31º

37º   45º   51º   55º   oval 60º+20º

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