



Dimensions

LED LOW GLARE RECESSED FIXTURE

TETRA-R-100 Series

Techlumen TETRA-R-100 LED recessed fixture is designed to provide high-visual comfort lighting with a UGR <16 glare index.

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

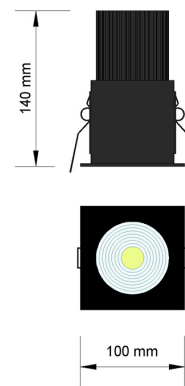
It is produced in versions ranging from 1800K to 6500K, with a CRI index up to 97.

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 different power versions, from 6W to 32W, and has a rich range of optics to make it an excellent tool for the lighting designer.

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



DALI

0-10V

Em 3h

BLUE
TOOTH

DIM to
WARM

TUNABLE
CCT

Manufactured in Greece



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-R Series
Luminous Flux	590 lm - 4510 lm
Power	6W - 32W
Ambient Temperature	-30 °C - + 50 °C
Efficacy	83 - 182 lm/W
Power Factor	0,95
CRI	70 - 90
CCT	1800K - 6500K
UGR	<16
IP Rating	IP43
IK Rating	IK08
Body	Aluminium
Finishing	Any RAL
Dimensions	100x100x140
Cut-out	83x83 - 95 x95
Weight	0,6 Kg
Warranty	5 years
Compliances:	CE EN 60598-1:2021+A11:2022 EN 60598-2-1:2022 EN 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 IEC/TR 62778:2014 EN 62493:2015+A1:2022 EN 63000:2018 Directive (LVD) 2014/35/EU Directive (EMC) 2014/30/EU Directive (RoHS) 2011/65/EC Directive (REACH) 2015/863/EU Directive (GPS) 2015/863/EU Directive (EuP) 2001/95/EC

TETRA-R-100 Versions						
Watt	Code	CCT	CRI	Lumen	Lm/W	
6W	TETRA-100-R-927-6	2700	90	590	95	
	TETRA-100-R-927-6	2700	80	740	119	
	TETRA-100-R-930-6	3000	90	625	100	
	TETRA-100-R-930-6	3000	80	785	126	
	TETRA-100-R-940-6	4000	90	670	108	
	TETRA-100-R-940-6	4000	80	820	132	
	TETRA-100-R-950-6	5000	80	820	132	
	TETRA-100-R-750-6	5000	70	865	139	
	9W	TETRA-100-R-927-9	2700	80	1332	146
		TETRA-100-R-927-9	2700	90	1111	122
TETRA-100-R-927F-9		2700	90	1540	171	
TETRA-100-R-930-9		3000	80	1388	153	
TETRA-100-R-930-9		3000	90	1152	127	
TETRA-100-R-930F-9		3000	90	1570	174	
TETRA-100-R-935-9		3500	80	1430	157	
TETRA-100-R-935-9		3500	90	1194	131	
TETRA-100-R-935F-9		3500	90	1580	175	
TETRA-100-R-940-9		4000	80	1444	159	
12W	TETRA-100-R-927-12	2700	80	1768	145	
	TETRA-100-R-927-12	2700	90	1473	121	
	TETRA-100-R-927F-12	2700	90	2120	176	
	TETRA-100-R-930-12	3000	80	1841	151	
	TETRA-100-R-930-12	3000	90	1529	125	
	TETRA-100-R-930F-12	3000	90	2160	180	
	TETRA-100-R-935-12	3500	80	1896	156	
	TETRA-100-R-935-12	3500	90	1584	130	
	TETRA-100-R-935F-12	3500	90	2185	182	
	TETRA-100-R-940-12	4000	80	1915	157	

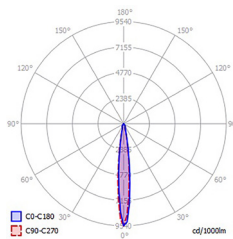
TETRA-R-100 Versions					
Watt	Code	CCT	CRI	Lumen	Lm/W
17W	TETRA-100-R-827-17	2700	80	2620	154
	TETRA-100-R-927-17	2700	90	2183	128
	TETRA-100-R-927F-17	2700	90	3080	181
	TETRA-100-R-930-17	3000	80	2729	160
	TETRA-100-R-930-17	3000	90	2265	133
	TETRA-100-R-930F-17	3000	90	3150	185
	TETRA-100-R-935-17	3500	80	2811	165
	TETRA-100-R-935-17	3500	90	2347	138
	TETRA-100-R-935F-17	3500	90	3185	187
	TETRA-100-R-940-17	4000	80	2838	166
	TETRA-100-R-940-17	4000	90	2429	142
	TETRA-100-R-940F-17	4000	90	3210	189
	TETRA-100-R-750-17	5000	70	3106	182
	TETRA-100-R-850-17	5000	80	2920	171
25W	TETRA-100-R-827-25	2700	80	3565	145
	TETRA-100-R-927-25	2700	90	2971	121
	TETRA-100-R-927F-25	2700	90	4330	173
	TETRA-100-R-930-25	3000	80	3714	151
	TETRA-100-R-930-25	3000	90	3083	126
	TETRA-100-R-930F-25	3000	90	4420	177
	TETRA-100-R-935-25	3500	80	3825	156
	TETRA-100-R-935-25	3500	90	3194	130
	TETRA-100-R-935F-25	3500	90	4470	179
	TETRA-100-R-940-25	4000	80	3862	157
	TETRA-100-R-940-25	4000	90	3305	135
	TETRA-100-R-940F-25	4000	90	4510	180
	TETRA-100-R-750-25	5000	70	4227	172
	TETRA-100-R-850-25	5000	80	3973	162

TETRA-100-R-e					
Watt	Code	CCT	CRI	Lumen	Lm/W
9W	TETRA-100-R-e-927-9	2700	90	750	85
	TETRA-100-R-e-930-9	3000	90	850	97
	TETRA-100-R-e-940-9	4000	90	900	103
12W	TETRA-100-R-e-927-12	2700	90	1150	96
	TETRA-100-R-e-930-12	3000	90	1180	98
	TETRA-100-R-e-940-12	4000	90	1280	107

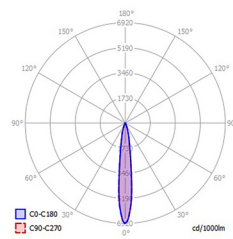
TETRA-R-100 DIM to WARM Versions					
Watt	Code	CCT	CRI	Lumen	Lm/W
20W	TETRA-R-100-1827-20-G	1800 - 2700	90	2111	105
	TETRA-R-100-1827-20-H	1800 - 2700	95	1668	83
	TETRA-R-100-1830-20-G	1800 - 3000	90	2312	115
	TETRA-R-100-1830-20-H	1800 - 3000	95	2028	101
32W	TETRA-R-100-1827-30-G	1800 - 2700	90	3401	105
	TETRA-R-100-1827-30-H	1800 - 2700	95	2689	83
	TETRA-R-100-1830-30-G	1800 - 3000	90	3725	115

Polar intensity diagram

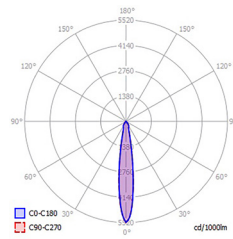
11°



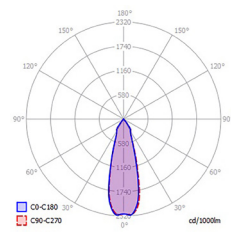
15°



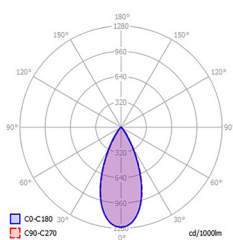
18°



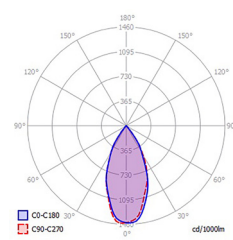
31°



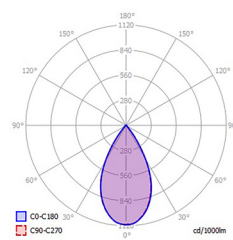
37°



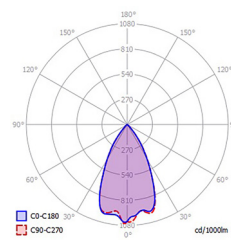
45°



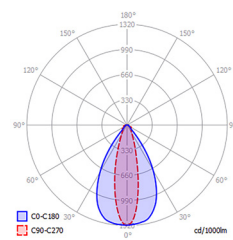
51°



55°



oval 60°+20°



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