

LOW GLARE LINEAR LED FIXTURE

CELL Series

CELL series LED linear lights provide highly comfortable lighting with UGR <16, distributing the light into the room without the light source being visible on most viewing angles.

They are light weight and thin profile. They are produced in various length and power versions as well as in 8 light beam versions, in 16°, 22° and 29° spot versions , in wide beam of 46°, 48° και 60°, suitable for work environments as well as wallwashing versions.

Upon selection, they have the option of dimming and emergency lighting for up to 3 hours.

They have a maintenance factor of L80B10> 80000 hours of operation.

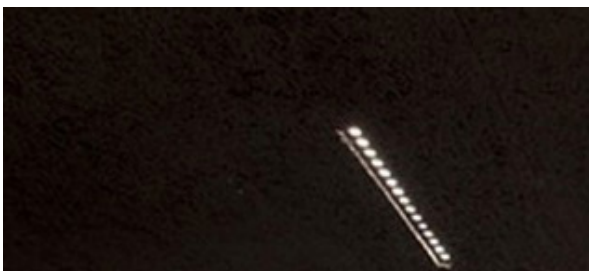
The CELL series have a factory warranty of 5 years.

DALI

0-10V

Em 3h

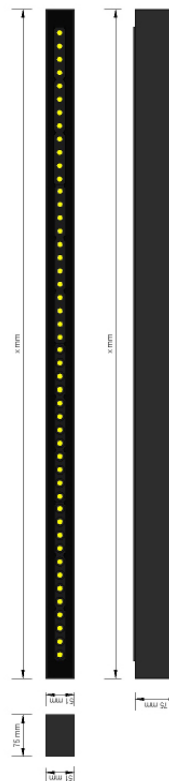
BLUE TOOTH



Manufactured in Greece

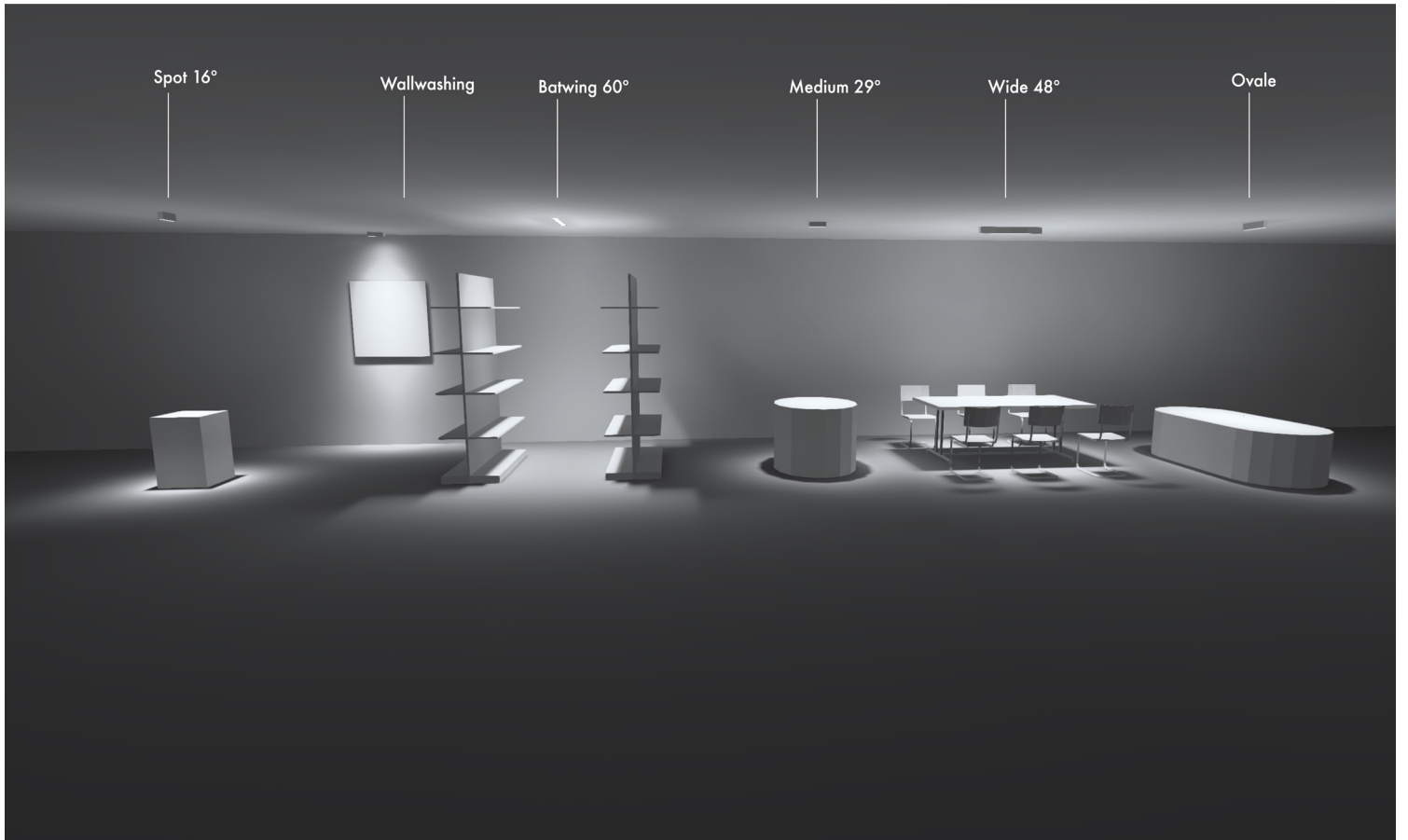


Dimensions



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
- Instant start - immediate termination
- It does not emit UV or IR radiation
- Does not contain mercury
- Resistance to shock and vibration



Recessed - CELL-R

Accessories / Options



Barn door



Track Version - Stucchi / Global in-track driver



Precise anti-glare optics

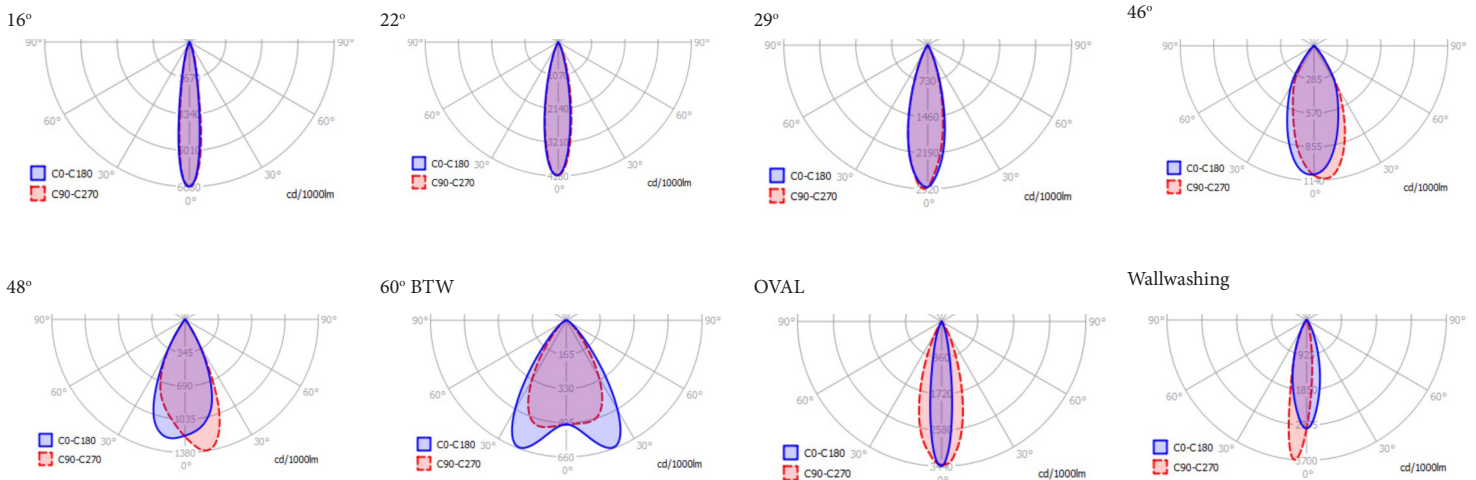


Type	CELL
Luminous Flux	865 lm - 20860 lm
Power	7W - 147W
Ambient Temperature	-30 °C - + 50 °C
Efficacy	123 - 147 lm/W
Power Factor	0,95
CRI	80
CCT	2700K - 5000K
UGR	<16
IP Rating	IP43
IK Rating	IK07
Body	Aluminium
Finishing	Powder coating - Shaders Black or White
Dimensions	51mm x 75mm x (320 - 2040)mm
Weight	0,8 - 3,4 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

CELL Versions		Watt	Code	CCT	CRI	Lumen	Lm/W
32cm - 7W	CELL-32-827-7	2700	80	865	123		
	CELL-32-830-7	3000	80	870	124		
	CELL-32-840-7	4000	80	925	132		
	CELL-32-850-7	5000	80	985	140		
32cm - 15W	CELL-32-827-15	2700	80	1940	129		
	CELL-32-830-15	3000	80	1950	130		
	CELL-32-840-15	4000	80	2075	138		
	CELL-32-850-13	5000	80	2205	147		
32cm - 21W	CELL-32-827-21	2700	80	2630	128		
	CELL-32-830-21	3000	80	2670	130		
	CELL-32-840-21	4000	80	2810	137		
	CELL-32-850-21	5000	80	2980	146		
60cm - 14W	CELL-60-827-14	2700	80	1730	123		
	CELL-60-830-14	3000	80	1740	124		
	CELL-60-840-14	4000	80	1850	132		
	CELL-60-850-14	5000	80	1970	140		
60cm - 30W	CELL-60-827-30	2700	80	3880	129		
	CELL-60-830-30	3000	80	3900	130		
	CELL-60-840-30	4000	80	4150	138		
	CELL-60-850-30	5000	80	4410	147		
60cm - 42W	CELL-60-827-42	2700	80	5260	128		
	CELL-60-830-42	3000	80	5340	130		
	CELL-60-840-42	4000	80	5620	137		
	CELL-60-850-42	5000	80	5960	146		
90cm - 21W	CELL-90-827-21	2700	80	2595	123		
	CELL-90-830-21	3000	80	2610	124		
	CELL-90-840-21	4000	80	2775	132		
	CELL-90-850-21	5000	80	2955	140		
90cm - 45W	CELL-90-827-45	2700	80	5820	129		
	CELL-90-830-45	3000	80	5850	130		
	CELL-90-840-45	4000	80	6225	138		
	CELL-90-850-45	5000	80	6615	147		
90cm - 63W	CELL-90-827-63	2700	80	7890	128		
	CELL-90-830-63	3000	80	8010	130		
	CELL-90-840-63	4000	80	8430	137		
	CELL-90-850-63	5000	80	8940	146		
118cm - 28W	CELL-118-827-28	2700	80	3460	123		
	CELL-118-830-28	3000	80	3480	124		
	CELL-118-840-28	4000	80	3700	132		
	CELL-118-850-28	5000	80	3940	140		
118cm - 60W	CELL-118-827-60	2700	80	7760	129		
	CELL-118-830-60	3000	80	7800	130		
	CELL-118-840-60	4000	80	8300	138		
	CELL-118-850-60	5000	80	8820	147		
118cm - 84W	CELL-118-827-84	2700	80	10520	128		
	CELL-118-830-84	3000	80	10680	130		
	CELL-118-840-84	4000	80	11240	137		
	CELL-118-850-84	5000	80	11920	146		

CELL Versions		Watt	Code	CCT	CRI	Lumen	Lm/W
148cm - 35W	CELL-148-827-35	2700	80	4325	123		
	CELL-148-830-35	3000	80	4350	124		
	CELL-148-840-35	4000	80	4625	132		
	CELL-148-850-35	5000	80	4925	140		
148cm - 75W	CELL-148-827-75	2700	80	9700	129		
	CELL-148-830-75	3000	80	9750	130		
	CELL-148-840-75	4000	80	10375	138		
	CELL-148-850-75	5000	80	11025	147		
148cm - 105W	CELL-148-827-105	2700	80	13150	128		
	CELL-148-830-105	3000	80	13350	130		
	CELL-148-840-105	4000	80	14050	137		
	CELL-148-850-105	5000	80	14900	146		
175cm - 42W	CELL-175-827-42	2700	80	5190	123		
	CELL-175-830-42	3000	80	5220	124		
	CELL-175-840-42	4000	80	5550	132		
	CELL-175-850-42	5000	80	5910	140		
175cm - 90W	CELL-175-827-90	2700	80	11640	129		
	CELL-175-830-90	3000	80	11700	130		
	CELL-175-840-90	4000	80	12450	138		
	CELL-175-850-90	5000	80	13230	147		
175cm - 126W	CELL-175-827-126	2700	80	15780	128		
	CELL-175-830-126	3000	80	16020	130		
	CELL-175-840-126	4000	80	16860	137		
	CELL-175-850-126	5000	80	17880	146		
204cm - 49W	CELL-204-827-49	2700	80	6055	123		
	CELL-204-830-49	3000	80	6090	124		
	CELL-204-840-49	4000	80	6475	132		
	CELL-204-850-49	5000	80	6895	140		
204cm - 105W	CELL-204-827-105	2700	80	13580	129		
	CELL-204-830-105	3000	80	13650	130		
	CELL-204-840-105	4000	80	14525	138		
	CELL-204-850-105	5000	80	15435	147		
204cm - 147W	CELL-204-827-147	2700	80	18410	128		
	CELL-204-830-147	3000	80	18690	130		
	CELL-204-840-147	4000	80	19670	137		
	CELL-204-850-147	5000	80	20860	146		

Polar Intensity Diagram



AFOI TSIOLAKI & SIA OE G.P.
 Industrial Zone of Thessaloniki
 Greece
 T: +302310 798 335
 F: +302310 799 868

e-mail: info@techlumen.gr
www.techlumen.gr

[facebook.com/Techlumen](https://www.facebook.com/Techlumen)
[@Techlumen](https://www.instagram.com/Techlumen)
[linkedin.com/company/tsiolakis-construction](https://www.linkedin.com/company/tsiolakis-construction)