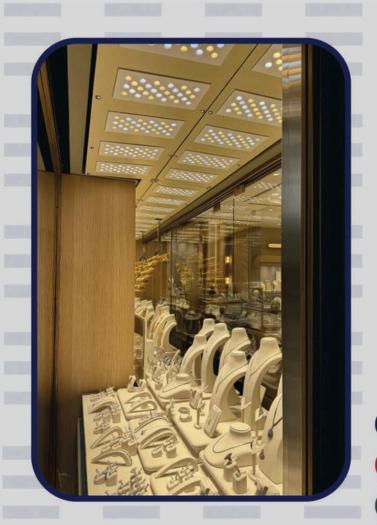
redpool



PRODUCT CATALOG

# LIGHTING UP THE JEWELRY WORLD WITH DESIGN

redpool



# CONTENTS

- 3 Projects Photos
- 8 Company Profile
- 10 Product and Technical Details
- 13 Why Choose Us?
- 16 Products
- 44 Contact Us: Factory&Head Office

redpool













### WHO IS MERALED?

### 20+ Years of Expertise

Meraled Lighting, established in 2024, specializes in designing and manufacturing high-quality lighting solutions tailored for luxury stores, particularly jewelry stores. With over 20 years of industry experience, the team at Meraled crafts innovative and aesthetically pleasing lighting systems that elevate store design. Operating from a 1,000 m² production facility in Istanbul, Meraled exports its products to global markets, including America, Europe, the Middle East, and Asia.

### MISSION

Meraled, backed by over 20 years of experience and a dedicated lighting team, is committed to delivering high-standard lighting solutions that seamlessly blend innovation and quality. We develop aesthetic, efficient lighting systems tailored to our customers' needs and remain dedicated to sustainability and ecofriendliness by investing in cutting-edge industry technologies.

- Innovative, Quality-Oriented Solutions
- Customer-Centric Approach
- Vision for Sector Leadership
- Commitment to a Sustainable Future



### VISION

Meraled aspires to become a globally recognized and preferred leader in the lighting industry. Our vision is to achieve excellence in both individual and commercial projects by offering products that seamlessly blend aesthetics and functionality. We are committed to continuously developing innovative and eco-friendly solutions. With the expertise of our professional team and a customer-centric continue to approach, we will strengthen our leadership in the sector.

### **TARGETS**

At Meraled, we aspire to be a recognized and preferred lighting brand in the international market by 2025. Our primary objectives include global developina strategies. strengthening our presence in current markets. and capturing marketopportunities. We are dedicated to offering the best solutions for both individual and commercial projects, always placing customer satisfaction at the forefront. Our goal is to surpass customer expectations customized liahtina solutions and personalized services. In pursuit of these aims, Meraled will advance as a successful and sustainable leader in the lighting industry, both in Turkey and worldwide. We will enhance our influence in the sector by prioritizing quality, innovation, and customer satisfaction at every stage.

# What is Flicker in LED Lights ?

LED lights can produce an invisible flicker caused by rapid fluctuations in brightness. While this flicker is typically not visible to the naked eye, it can lead to discomfort such as eye strain, headaches, and difficulty concentrating. In some cases, invisible flicker may become noticeable, particularly if you observe streaks in moving objects or vertical lines in photos, indicating that the light source may be flickering.









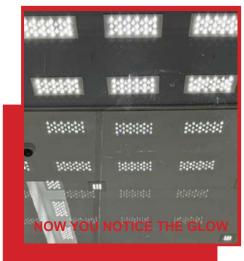
# Meraled Flicker-Free Technology...

Meraled reduces flicker through Intelligent Dynamic Light Adjustment, ensuring a comfortable and consistent viewing experience. This advanced technology prevents high-speed LED flashes that can occur at low brightness levels, eliminating flicker and enhancing visual comfort.









# The Effect of Bright Luminaires

Bright luminaires can cause glare, making the lighting less comfortable. Anti-glare LED lights offer a more pleasant and effective lighting experience. When the lens is positioned toclose to the surface, the light becomes scattered throughout the room instead of being focused on the products, reducing the effectiveness of the lighting.





# Anti-Glare Led Luminaires

The light source is positioned behind the luminaire, allowing for better focus on the products and ensuring the light illuminates

specific areas without scattering. This design provides comfortable lighting with minimal reflection in the store environment. An "Anti-Reflection" option is available as an additional feature across all our products. Contact us for more information on low-reflection lighting solutions.



# **Color Rendering Index (CRI)**

Color Rendering Index (CRI) is critical for lighting in jewelry stores. High CRI lighting accurate displays the natural colors and sparkle of jewelry, highlights fine details and highlights the qua of products. This increases customer confidence, improves the shopping experience and supposales.



# CdorTemperature

Color temperature measures the color of light in Kelvin (K). Lower temperatures (3000 K) proca warm, yellowish light, while higher temperatures (5000-6500 K) emit a cool, bluish-white light Importance of Color Temperature for Jewelry Store Lighting:

**Showcasing True Colors:** The right color temperature helps accurately present the colors an brilliance of jewelry. Cool white light (around 5000K–6500K) mimics daylight, which enhances sparkle of diamonds and brings out the true colors of gemstones.



# WHY CHOOSE US?



# Leading Designer, Manufacturer and Installer of LED Lighting Solutions for Jewelers

MERALED is a leading designer, manufacturer and installer of LED lighting solutions for jewelers in Turkey. Meraled is expanding globally into new industries and regions. By constantly prioritizing customer needs and offering customized solutions, it continues to lead the LED lighting market for jewelers as a pioneer and industry leader.



# **Detailed Consulting Solutions**

MERALED offers in-depth consultancy services for lighting products, delivering expert guidance and customized solutions to optimize lighting designs and meet client requirements.



# **Long-lasting Guarantee**

MERALED provides long-lasting warranties on its lighting products, ensuring durability and reliable performance for years to come.



## Fast Shipping and Prompt Delivery Across the Globe

By offering fast shipping and fast delivery worldwide, MERALED ensures fast service and efficient delivery of lighting solutions to its customers worldwide.



## Quick and On-Site Project Intervention

MERALED provides fast and on-site project interventions, providing instant solutions and flawless implementation for lighting projects. Focusing on efficiency and customer satisfaction, MERALED guarantees fast response times to meet project demands.



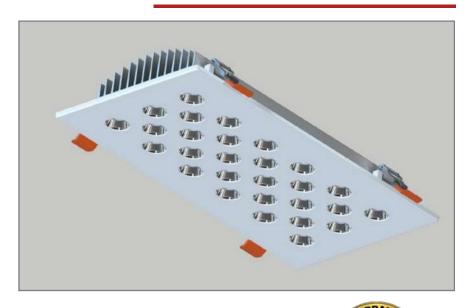
# Over 20 Years of Professional Team Expertise in Our Services

MERALED leverages over 20 years of professional

expertise within its team, delivering top-quality lighting solutions backed by extensive industry knowledge and experience performance for years to come.

# **PRODUCTS**





# **QUADRA 28 G**

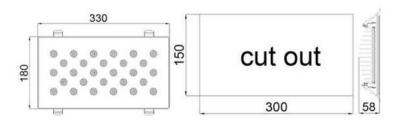
flush mounted direct lighting

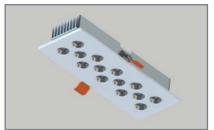
**Anti-Glare** 



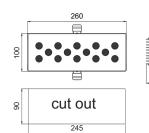
PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY	1
50W	Aluminium	330 x180mm	300 x150mm	CREE-USA	7008lm	CRI>80	5 years	9











# QUADRA 14 G Anti-Glare

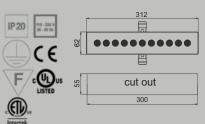
flush mounted direct lighting



PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
25W	Aluminium	260 x100mm	245 x 90mm	CREE-USA	3650lm	CRI>80	5 years





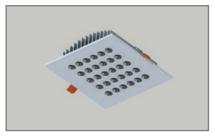




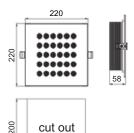
l ti-Glare	NAME AND THE PARTY OF THE PARTY
ti-Olai e	

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
19W	Aluminium	310 x 60mm	300 x 55mm	CREE-USA	2774lm	CRI>80	5 years

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	100000000001 000	000000000000000	anamana.	
OPTIONS:					•	-306	7.00	<u></u>	A	
	$\overline{}$				_		10°	25°	40"	60"







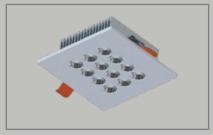


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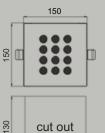
A. A.	and the	
UMEN	CRI (Colour Rendering	WARR

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
50W	Aluminium	220 x220mm	200 x200mm	CREE-USA	7300lm	CRI>80	5 years







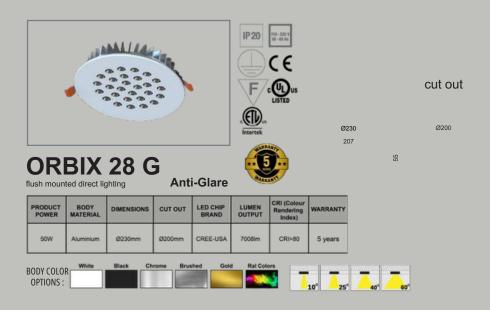




# SQUARE 12 G flush mounted direct lighting Anti-Glare

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANT
22W	Aluminium	150 x150mm	130 x130mm	CREE-USA	3212im	CRI>80	5 years

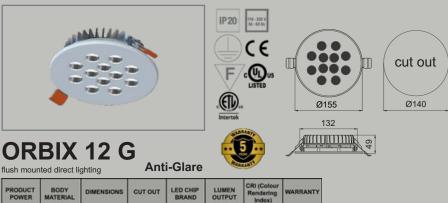
BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	70000000000 1000	unions un	onana wa	4400000
OPTIONS :					•	-300	10°	25°	40°	60"

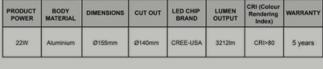




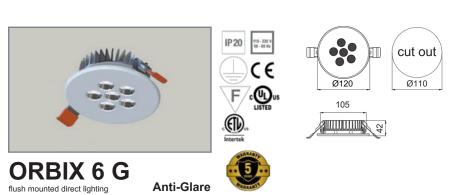


DODY COLOD—	White	Black	Chrome	Brushed	Gold	Ral Colors	100000000000000000000000000000000000000	00000000	031604000000		720007
BODY COLOR				1000		Annual L	-	-	-	_	-
OPTIONS:				Laboratory of the laboratory o		100	4.00	art			
							10°	25°	40°		60°





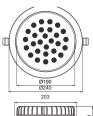














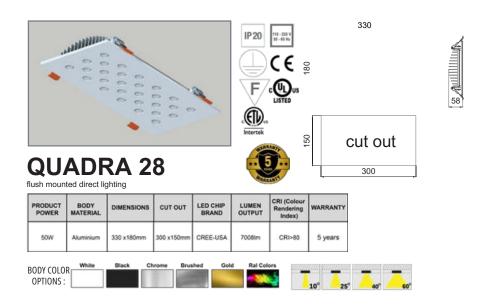
# COSMOS 28 G flush mounted direct lighting Anti-Glare

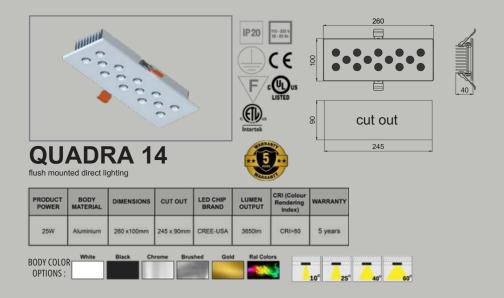


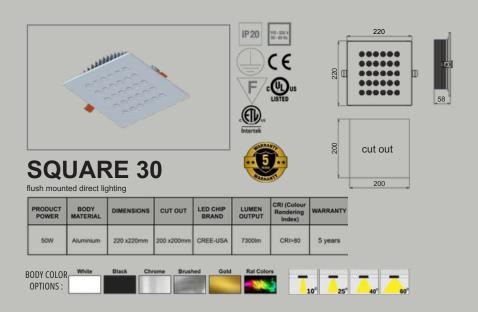
PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
50W	Aluminium	Ø240mm	Ø220mm	CREE-USA	7008lm	CRI>80	5 years

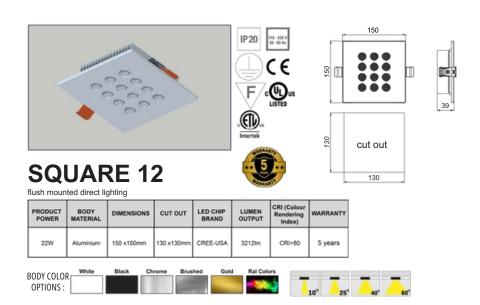


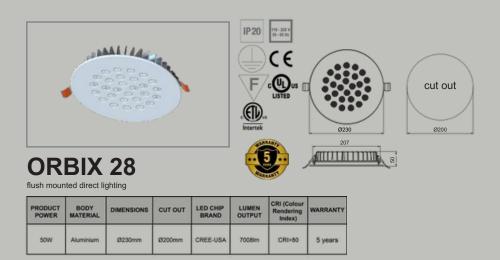












BODY COLOR OPTIONS:

PRODUCT

35W

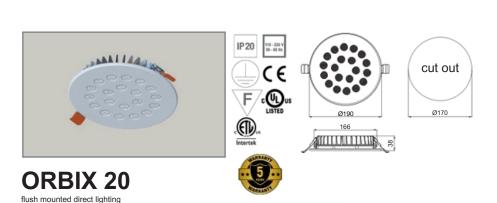
BODY

MATERIAL

Aluminium

DIMENSIONS

Ø190mm



LUMEN

OUTPUT

5110lm

CRI (Colour

Rendering Index)

CRI>80

WARRANTY

5 years

LED CHIP

BRAND

CREE-USA

CUT OUT

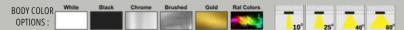
Ø170mm



# **ORBIX 12**

flush mounted direct lighting

I	PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
	22W	Aluminium	Ø155mm	Ø140mm	CREE-USA	3212lm	CRI>80	5 years





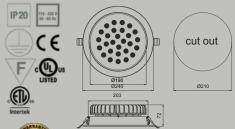
# **ORBIX 6**



PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
11W	Aluminium	Ø120mm	Ø110mm	CREE-USA	1606lm	CRI>80	5 years

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	(1111) ATT (1111)			
OPTIONS:				100	-	- 300		A	_	
or nons.				1000		-	10°	25°	40°	60°

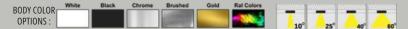




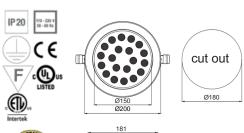
# COSMOS 28

flush mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
50W	Aluminium	Ø240mm	Ø210mm	CREE-USA	7300lm	CRI>80	5 years



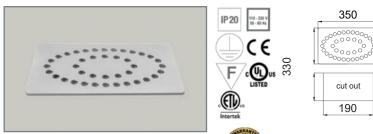




# COSMOS 20

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
35W	Aluminium	Ø200mm	Ø180mm	CREE-USA	5110lm	CRI>80	5 years

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	100000000000000000000000000000000000000	000000000000000000000000000000000000000	9700A00000A	201111111111111
OPTIONS:					-	- 300	10°	Ā.,	Ā	A
_							10	25°	40	60°

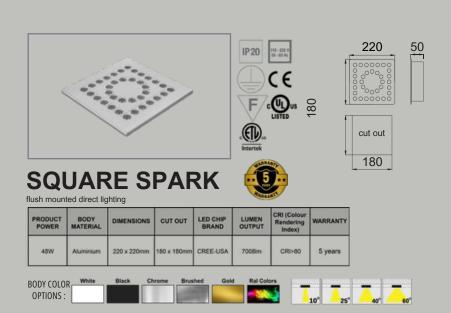


# **QUADRA SPARK**



PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
54W	Aluminium	350 x 210mm	330 x190mm	CREE-USA	7884lm	CRI>80	5 years











50



# **ORBIX SPARK**



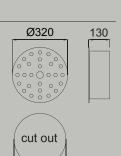
flush mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
44W	Aluminium	Ø230mm	Ø210mm	CREE-USA	6424im	CRI>80	5 years









Ø305

# **ROTATE LIGHT**



CRI>80



8030lm



PRODUCT POWER

55W



flush mounted direct lighting

BODY MATERIAL

Aluminium



Ø320mm



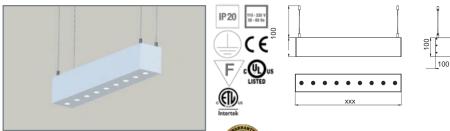
Ø305mm



CREE-USA



5 years



# SILVA 1

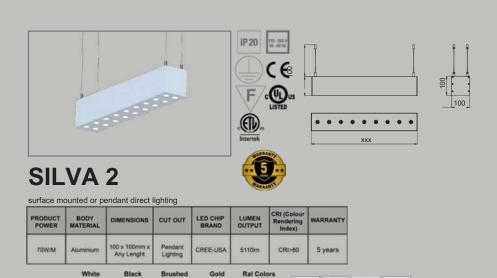
BODY COLOR OPTIONS:



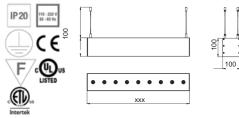
surface mounted or pendant direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
35W/M	Aluminium	100 x 100mm x Any Lenght	Pendant Lighting	CREE-USA	5110lm	CRI>80	5 years









surface mounted or pendant direct lighting



PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
105W/M	Aluminium	100 x 100mm x Any Lenght	Pendant Lighting	CREE-USA	5110lm	CRI>80	5 years

White BODY COLOR OPTIONS:

Black

Brushed

Gold















mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
35W/M	Aluminium	41 x 25mm x Any Lenght	Surface	CREE-USA	5110lm	CRI>80	5 years

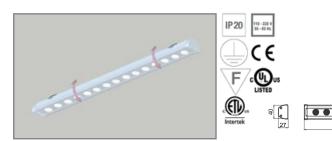
BODY COLOR OPTIONS:

White

Black







MRL/Movable Profile High Density

mounted direct lighting

White



BODY COLOR OPTIONS:



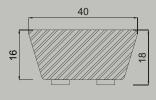












# SML/Stable Profile



mounted	direct	lighting

PRODUCT	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
35W/M	Aluminium	41 x 18mm x Any Lenght	Surface	CREE-USA	5110lm	CRI>80	5 years

BODY COLOR OPTIONS:













# **NOX MAGNET 1**



mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
1W	Aluminium	16 x 24mm	With magnetic track	CREE-USA	146lm	CRI>90	5 years

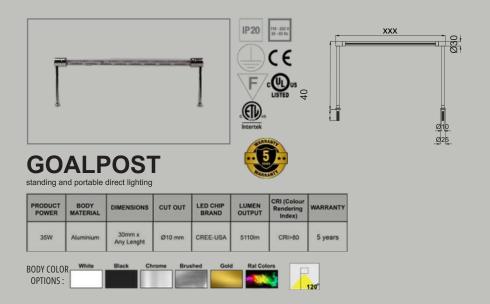
BODY COLOR White Black
OPTIONS:

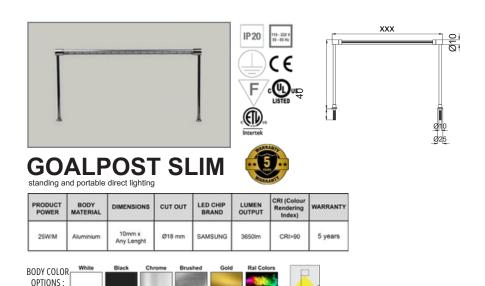


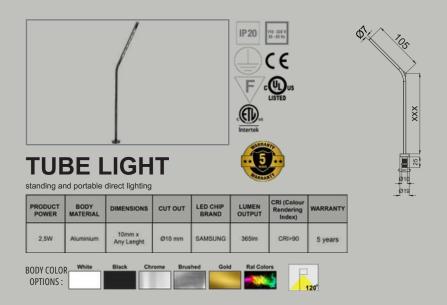
### mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
3W	Aluminium	20 x 35mm	With magnetic track	CREE-USA	438lm	CRI>90	5 years

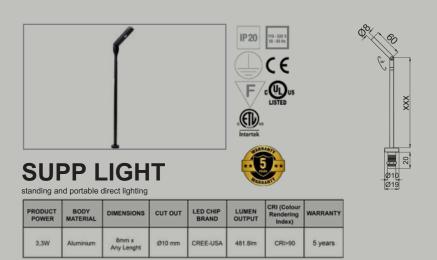










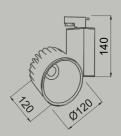




BODY COLOR OPTIONS:







## SILA TRACK LIGHT

track lighting



PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
35W	Aluminium	Ø120mm	With track	CREE-USA	5110lm	CRI>80	5 years

White BODY COLOR OPTIONS:





















### **PINA**

lush moun	ted direct li	ghting	
PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит

ODUCT	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
2W	Aluminium	Ø47mm	Ø35mm	CREE-USA	292lm	CRI>80	5 years

**BODY COLOR** OPTIONS:



Black











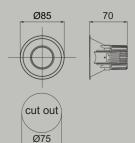


flush moun	ted direct lig	ghting					
PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
10W	Aluminium	Ø100mm	Ø90mm	SAMSUNG	1460lm	CRI>80	5 years









## **NOVA**



flush mounted direct lighting

White

PRODUCT	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
10W	Aluminium	Ø85mm	Ø75mm	SAMSUNG	1460lm	CRI>80	5 years



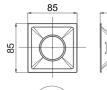












75





## **VERA**

### flush mounted direct lighting

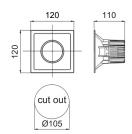
PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
10W	Aluminium	Ø85 x 85mm	Ø70mm	SAMSUNG	1460lm	CRI>80	5 years

White Black Ral Colors
BODY COLOR
OPTIONS:









## **TİRA**



### flush mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
10W	Aluminium	120 x 120mm	Ø105mm	SAMSUNG	1460lm	CRI>80	5 years

BODY COLOR OPTIONS:

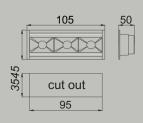












## PAL 3



flush mounted direct lighting

White

PRODUCT	BODY MATERIAL	DIMENSIONS	CUT OUT	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
6W	Aluminium	105 x 45mm	95 x 35mm	CREE-USA	876lm	CRI>80	5 years

BODY COLOR OPTIONS:











## PAL 5

flush mounted direct lighting

White

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
9W	Aluminium	148 x 45mm	135 x 35mm	CREE-USA	1314lm	CRI>80	5 years

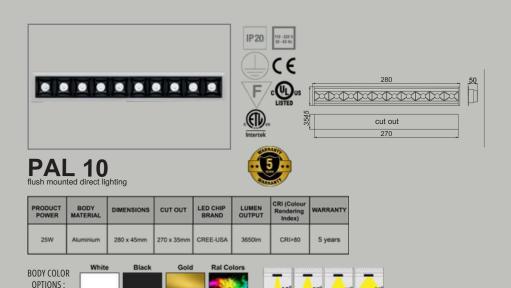
BODY COLOR OPTIONS:

Black

Gold

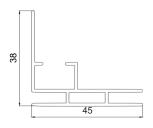












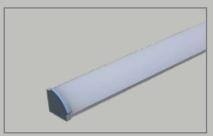


PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
125W/m2	Aluminium	4mm x Any Lenght	Surface	SAMSUNG	12500lm	CRI>80	5 years

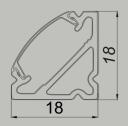
BODY COLOR OPTIONS:











## LINE EDGE LINEAR



I	PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
	15W	Aluminium	19 x 19mm	Surface	SAMSUNG	2190lm	CRI>80	5 years



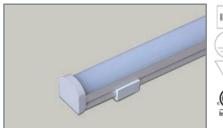




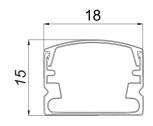












# LINE COVE LINEAR

mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN	CRI (Colour Rendering Index)	WARRANTY
15W	Aluminium	19 x 19mm	Surface	SAMSUNG	2190lm	CRI>80	5 years

BODY COLOR OPTIONS :

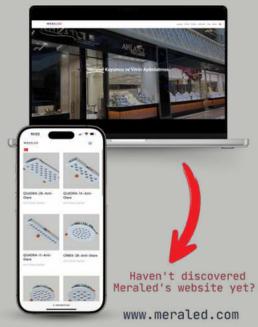












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# FACTORY & HEAD OFFICE

Kumsmall AVM Kat :1 Lot 41 Kocasinan / Kayseri / TÜRKİYE

0352 502 10 56





redpool