# MERALED

LIGHTING FOR LUXURY



**PRODUCT** 

CATALOG

# LIGHTING UP THE **JEWELRY** WORLD WITH DESIGN





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#### 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 m<sup>2</sup> 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 eco-friendliness 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 approach, we will continue to 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 developing global strategies, strengthening our presence in current markets, and capturing new 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 through customized lighting 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.

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# What is Flicker in LED Lights?

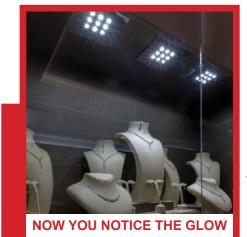
LED lights can produce an invisible flicker caused by rapid fluctuations in brightness. While this flicker is typically not visible to the naked eye, it can lead to discomfort such as eye strain, headaches, and difficulty concentrating. In some cases, invisible flicker may become noticeable, particularly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











#### 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.







# **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.







#### **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

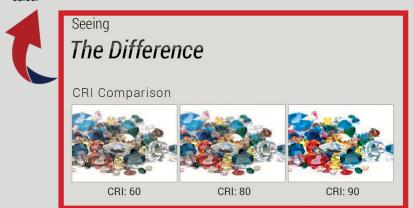






## **Color Rendering Index (CRI)**

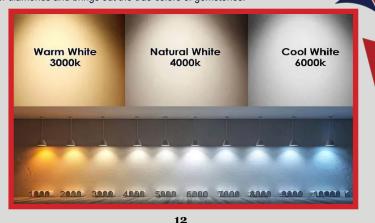
Color Rendering Index (CRI) is critical for lighting in jewelry stores. High CRI lighting accurately displays the natural colors and sparkle of jewelry, highlights fine details and highlights the quality of products. This increases customer confidence, improves the shopping experience and supports sales



#### **Color Temperature**

Color temperature measures the color of light in Kelvin (K). Lower temperatures (3000 K) produce a 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 and brilliance of jewelry. Cool white light (around 5000K–6500K) mimics daylight, which enhances the 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.



# 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.



#### 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.



#### 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



#### **Long-lasting Guarantee**

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

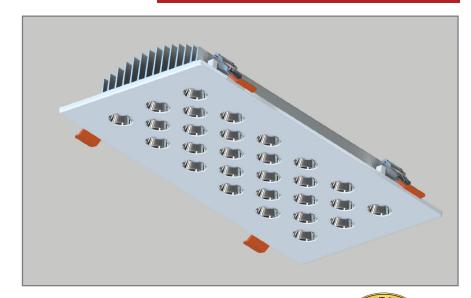


#### Over 20 Years of Professiona Team Expertise in Our Services

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

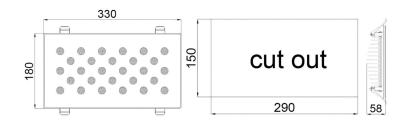
**Anti-Glare** 

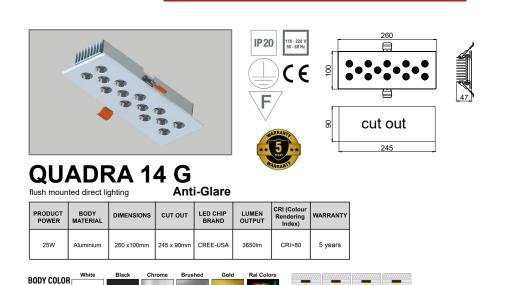


PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY	
50W	Aluminium	330 x180mm	290 x150mm	CREE-USA	7008lm	CRI>80	5 years	110.
	White	Black Chr	ome Brushe	nd Gold	Pal Colore			50 - 0

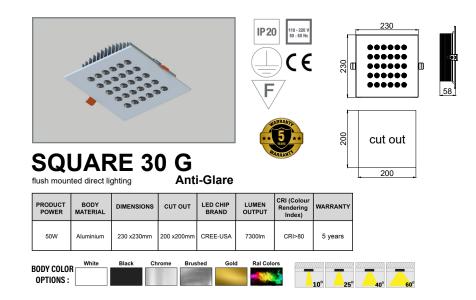
BODY COLOR White Black Chrome Brushed Gold Ral Colors

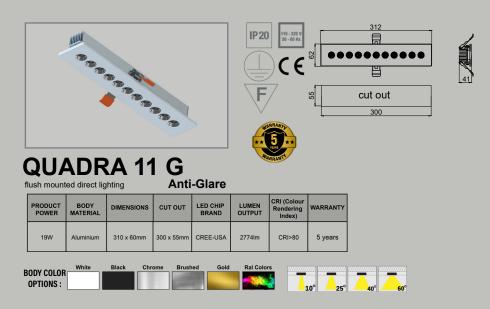
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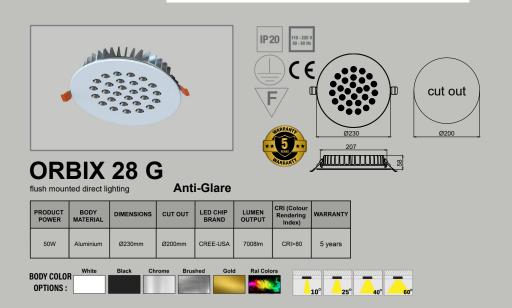


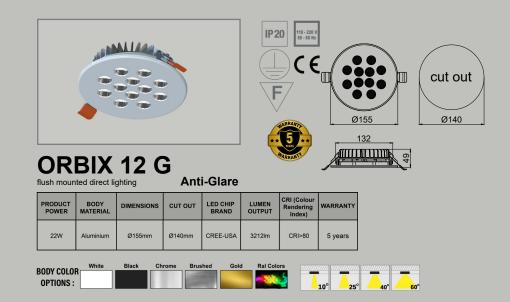
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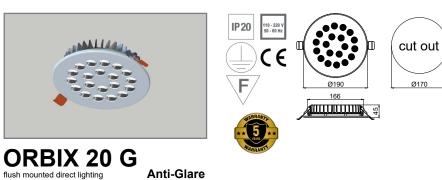




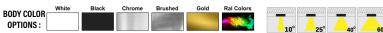


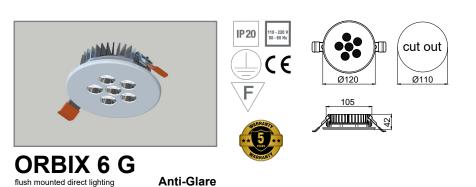






PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
35W	Aluminium	Ø190 x170mm	300 x55mm	CREE-USA	5110lm	CRI>80	5 years

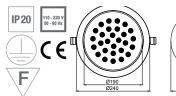


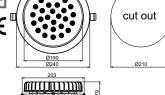


	DUCT	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
1	1W	Aluminium	Ø120mm	Ø110mm	CREE-USA	1606lm	CRI>80	5 years

DODY 001 0D	White	Black	Chrome	Brushed	Gold	Ral Colors	7//////////////////////////////////////	7//////	7//////////////////////////////////////	///////
BODY COLOR					•	-				
OPTIONS:							10°	25°	40°	60°







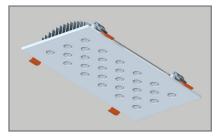
# COSMOS 28 G

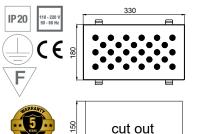
flush mounted direct lighting

**Anti-Glare** 

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







290

# **QUADRA 28**

flush mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
50W	Aluminium	330 x180mm	290 x150mm	CREE-USA	7008lm	CRI>80	5 years

DODY 001 0D	White	Black	Chrome	Brushed	Gold	Ral Colors	7//////////////////////////////////////	77777771	77//////	///////////////////////////////////////
BODY COLOR						-		_	_	
OPTIONS:							10°	25°	40°	60°







# COSMOS 20 G

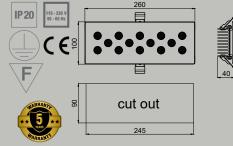
flush mounted direct lighting

**Anti-Glare** 

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

00000000	White	Black	Chrome	Brushed	Gold	Ral Colors	VIIIIIIIII VIII			////////
BODY COLOR					•	-		_		
OPTIONS:							10°	25°	40°	60°



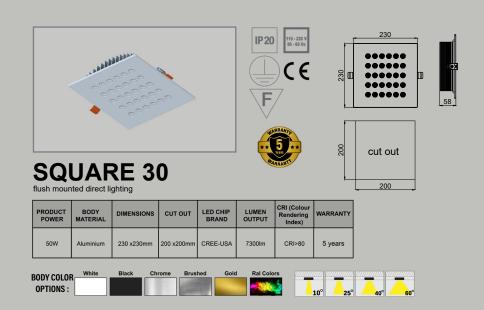


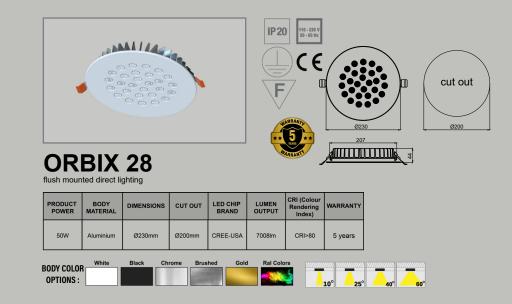
#### **QUADRA 14**

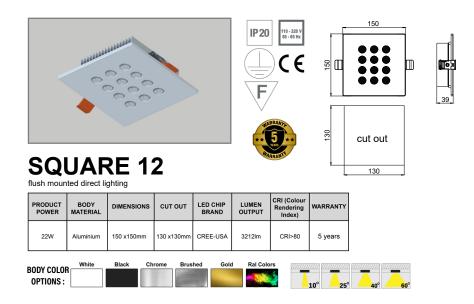
flush mounted direct lighting

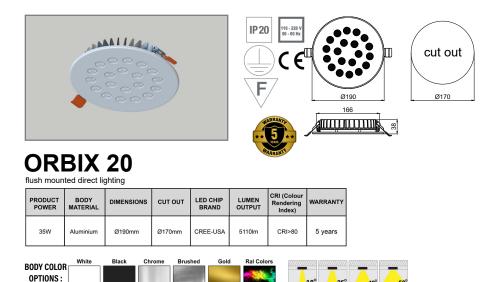
PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
25W	Aluminium	260 x100mm	245 x 90mm	CREE-USA	3650lm	CRI>80	5 years

DODY COLOD	White	Black	Chrome	Brushed	Gold	Ral Colors	7//////////////////////////////////////	7//////////////////////////////////////	7//////////////////////////////////////	999999
BODY COLOR			1000	0.0000000000000000000000000000000000000		and the second				
OPTIONS:							10°		40°	60°









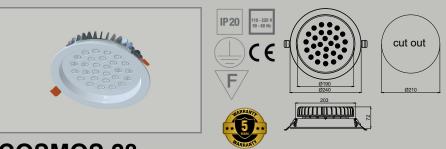


#### **ORBIX 12**

flush mounted direct lighting

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

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	VIIIIIIIII V	//////////////////////////////////////	///////////////////////////////////////	V//////	///////
OPTIONS:					•	- 116	10°	25°	40°	Z	60°

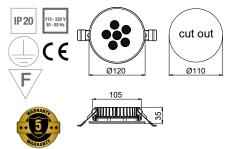


# COSMOS 28 flush mounted direct lighting

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

DODY 001 0D	White	Black	Chrome	Brushed	Gold	Ral Colors				
BODY COLOR						- C				
OPTIONS:							10°	25°	400	co°



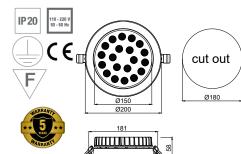


# ORBIX 6 flush mounted direct lighting

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

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors			///////	//////
OPTIONS:					•	نالا-	10°	 40°	/	60°

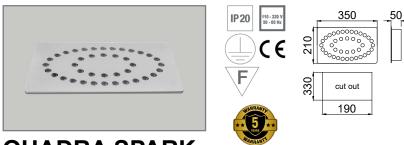




# COSMOS 20

flush mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
35W	Aluminium	Ø200mm	Ø180mm	CREE-USA	5110lm	CRI>80	5 years
ODY COLOI OPTIONS :		Black Ch	rome Brus	hed Gold	Ral Colo	<u> </u>	10° 25°

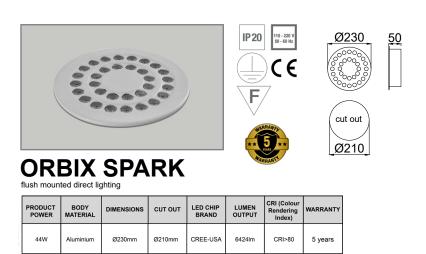


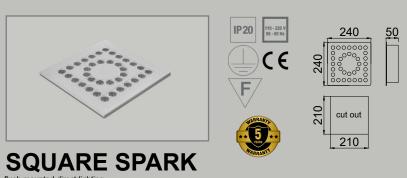
## **QUADRA SPARK**

flush mounted direct lighting

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





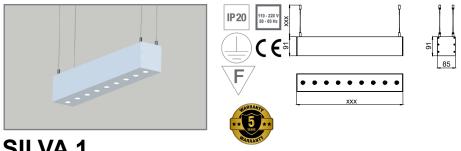


flush mount	ted direct lig	hting						
PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY	
48W	Aluminium	240 x 240mm	210 x 210mm	CREE-USA	7008lm	CRI>80	5 years	
BODY COLOR		Black Ch	rome Brus	hed Gold	d Ral Cold	<u> </u>	10° 25°	



**BODY COLOR** 

OPTIONS:

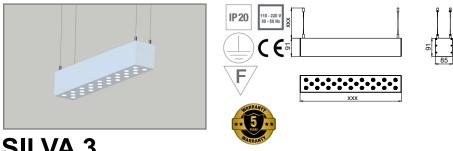


## SILVA<sub>1</sub>

surface mounted or pendant direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	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



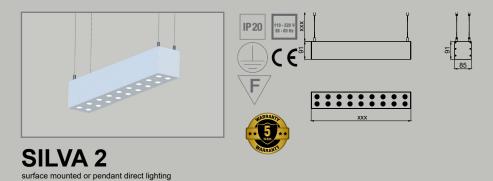


# SILVA 3

surface mounted or pendant direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	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

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	////// <u>//</u> //////	<u>///////</u> /////////////////////////////	// <u>//</u> //////	///// <u>//</u> ////	77
OPTIONS :						-966	10°	25°		-	n°



PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	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

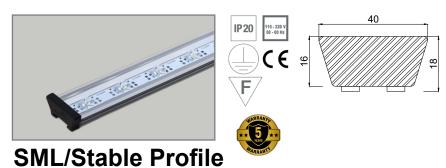
ODY COLOR -	White	Black	Chrome	Brushed	Gold	Ral Colors	<u> </u>	//////////////////////////////////////		
OPTIONS:					•	- 100		25°	40°	



#### 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	White	Black	Chrome	Brushed	Gold	Ral Colors	VIIIIIIIIII VIII	///////////////////////////////////////	//////////////////////////////////////	
OPTIONS:					•	-306	10°	25°	40°	60°



#### 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 18mm x Any Lenght	Surface	CREE-USA	5110lm	CRI>80	5 years





# **NOX MAGNET 3**

mounted direct lighting

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

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	////// <u>//</u> //////
OPTIONS:					_	-50%	
or mons.						CONTRACTOR OF THE PARTY OF THE	- 36°



#### mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	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

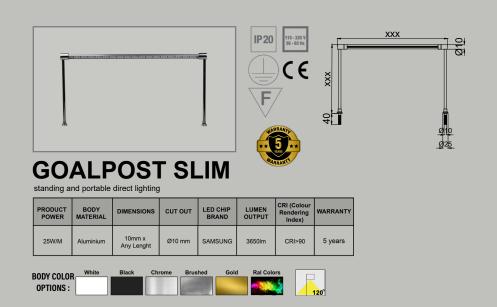
BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	VIIIIIIIIIIII
OPTIONS:						- 100	36°

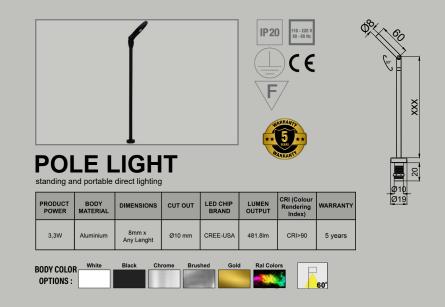


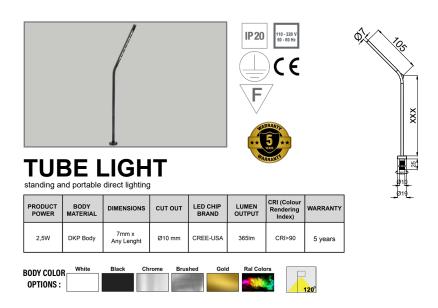
standing and portable direct lighting

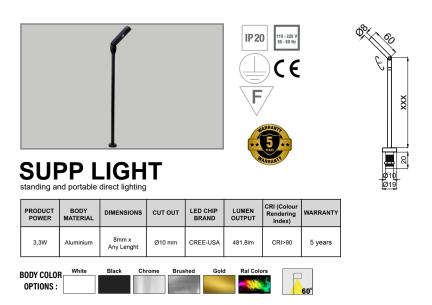
PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
35W	Aluminium	30mm x Any Lenght	Ø10 mm	CREE-USA	5110lm	CRI>80	5 years

BODY COLOR-	White	Black	Chrome	Brushed	Gold	Ral Colors	
OPTIONS:						-304	120°







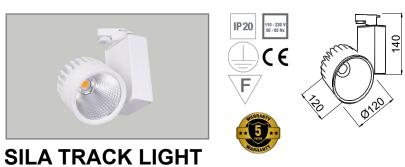




#### track lighting

I	PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
ı	35W	Aluminium	120 x 120mm	With track	CREE-USA	5110lm	CRI>80	5 years



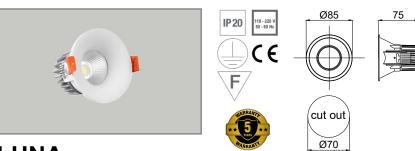


track lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
35W	Aluminium	120 x 120mm	With track	CREE-USA	5110lm	CRI>80	5 years

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	///// <u>//</u> //////	////// <u>//</u> //////	///// <u>//</u> /////	///////////////////////////////////////
OPTIONS:					_	- 100	10°			
_							10	25°	40°	60°





# **LUNA**

flush mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
8W	Aluminium	Ø85mm	Ø70mm	SAMSUNG	1168lm	CRI>80	5 years

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	//// <u>////</u> /////	<u> </u>
OPTIONS:						-00		36



# **ORLA**

flush mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
10W	Aluminium	Ø100mm	Ø90mm	SAMSUNG	1460lm	CRI>80	5 years



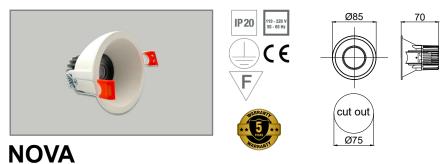


## **VERA**

flush mounted direct lighting

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

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	VIIIIIIIIII VIIIIIIIII	7//
OPTIONS:					•	-304	24°	6°

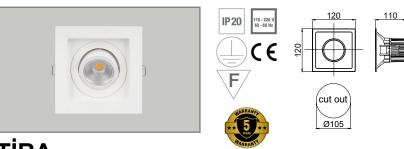


#### flush mounted direct lighting

flush mounted direct lighting

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



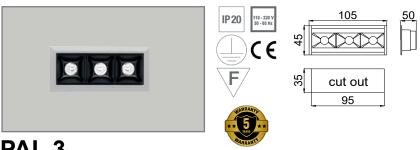


# **TİRA**

flush mounted direct lighting

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

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	
OPTIONS :					-	-1000	24° 36°

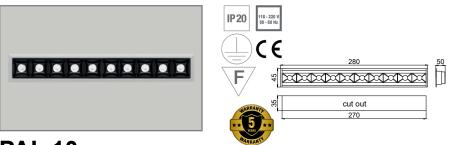


## PAL 3

flush mounted direct lighting

PRODUCT POWER	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



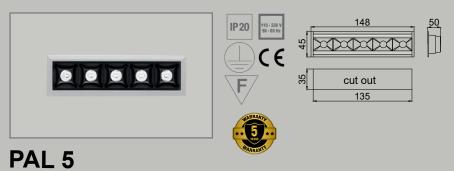


## **PAL 10**

flush mounted direct lighting

PRODUCT POWER	BODY MATERIAL	DIMENSIONS	сит оит	LED CHIP BRAND	LUMEN OUTPUT	CRI (Colour Rendering Index)	WARRANTY
25W	Aluminium	280 x 45mm	270 x 35mm	CREE-USA	3650lm	CRI>80	5 years

BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	///////////////////////////////////////	///////////////////////////////////////	///////////////////////////////////////	///////////////////////////////////////
OPTIONS:					_	- 336				
oi ilono.						Control of the Contro	10°	25°	40°	60°



#### flush mounted direct lighting

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

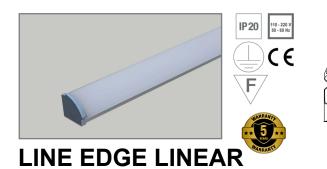
BODY COLOR	White	Black	Chrome	Brushed	Gold	Ral Colors	<u> </u>	//////////////////////////////////////		<u>/////////////////////////////////////</u>	///////
OPTIONS:					1	- 1000	10°		40°	Ż	60°



# LIGHTBOX mounted direct lighting

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

DODY OOL OD -	White	Black	Gold	Ral Colors
BODY COLOR				-30%
OPTIONS:				



mounted direct lighting

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

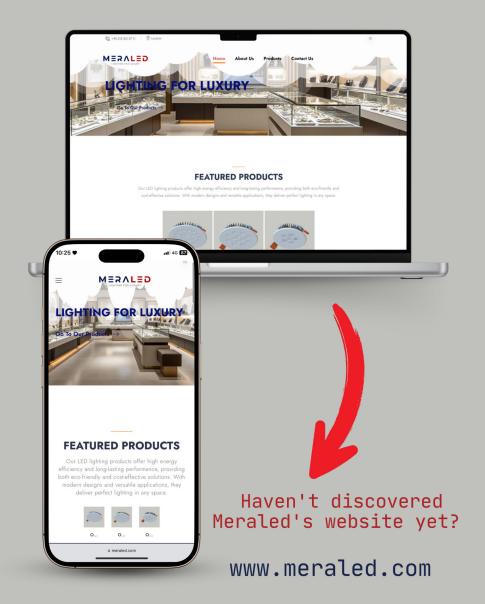




#### mounted direct lighting

PRODUCT 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





# FACTORY & HEAD OFFICE

Muratpaşa Mahallesi Tuna Cad. Sinema Sokak No:22A/B Bayrampaşa / Istanbul / Turkıye

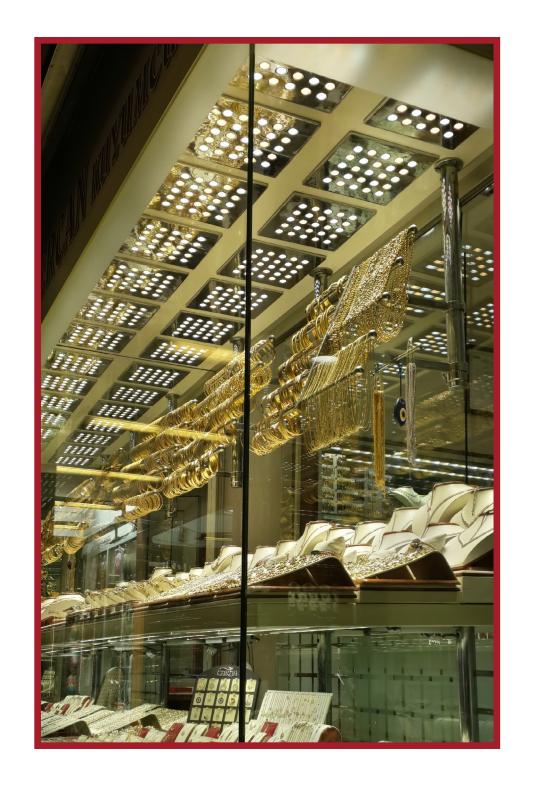
Tel: +(90) 212 501 57 11

E: sales@meraled.com

www.meraled.com







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LIGHTING FOR LUXURY

#### **Contact us**

sales@meraled.com www.meraled.com

