

MAKROT

ID 63

MAKROT is a modular system designed to upgrade existing installations with new lighting configurations, without the need to modify the track structure. Compatible with EUTRACK three-phase electrified tracks, it allows the easy installation of modules for general or accent lighting on already existing systems, combining them along the same line. **The Essential version includes different modules** – microcells, fly eyes, diffusers, and adjustable spots – with integrated connector, designed to ensure lighting continuity and maximum compositional freedom. **The Pro version enhances the system with customisable covers and dedicated clips**, with the option of integrating, on request, an indirect light component, offering an advanced solution for contemporary design.

☑ **Features**

- Direct emission
- Direct/indirect emission
- UGR<16; <19; <22
- IP 40

💡 **Led**

- 3000K/4000K
- CRI>90
- Eye safety: RG0 / RG1
- Mac Adams 3
- L80/B20 >80.000h

✔ **Specifications**

- Integrated driver
- CLD technology (UGR <19) for VDT environments
- Satin diffuser UGR <22
- Continuous direct emission
- SPOT module with lens beam from 15° to 70°

☐ **Corpo**

- Aluminum with epoxy powder coating

🌀 **Cromie**

- White RAL 9003 – code B
- Black RAL 9005 – code C8

☆ **Certificazioni**

- CE Conformity
- Energy efficiency class C
- 5 years warranty

📦 **A richiesta**

- DALI – code D*
- Bluetooth – code BT*
- Emergency 1 h – code EM*
- Emergency 3 h – code EM3H*
- 2700K – code K27*
- 6500K – code K65*

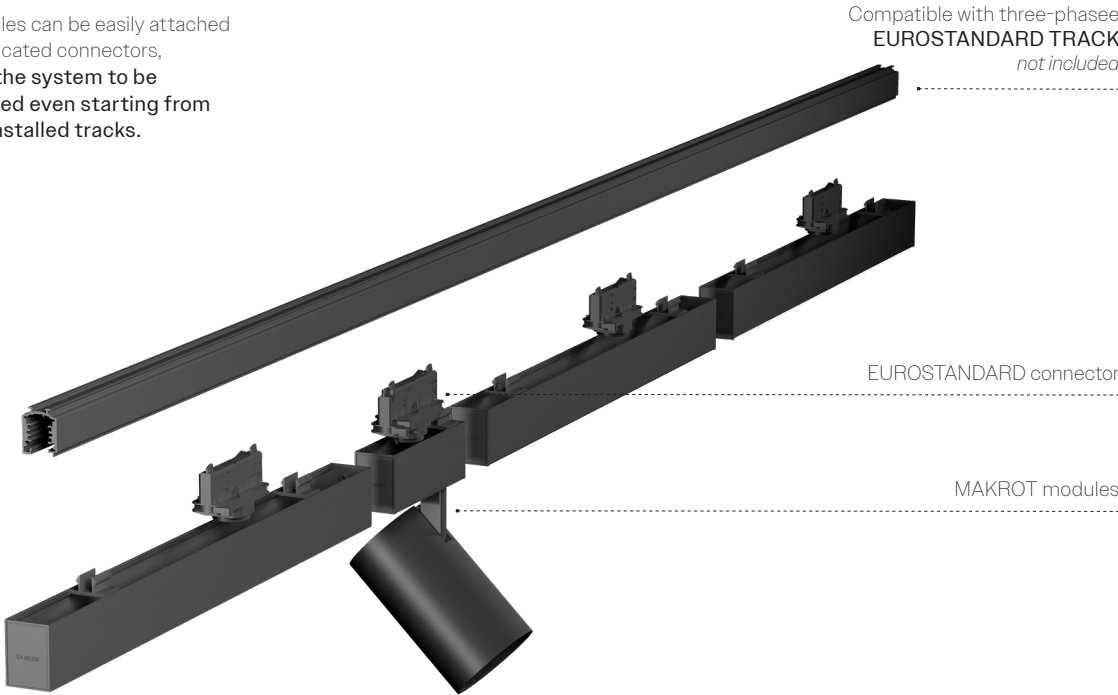
** Where available*



MAKROT

MAKROT offers full freedom of modular customisation, directly integrated into EUROSTANDARD three-phase electrified tracks.

The modules can be easily attached using dedicated connectors, allowing the system to be customised even starting from already installed tracks.



A FEW SIMPLE STEPS

1.

Check for the presence of EUROSTANDARD three-phase electrified tracks
The Makrot system is compatible with standard three-phase tracks. For different track types, dedicated connectors and mounting systems can be requested.
2.

Select the lighting modules according to the desired effect
Choose between modules for general lighting (CLD, PG) and modules for accent lighting (Fly Eyes), freely combinable on the same track.
3.

Define the number and position of the modules to be installed
Multiple modules can be installed along a single track, attached via dedicated connectors, precisely defining the overall lighting effect..
4.

Choose the luminous flux and optical features of the modules
Each module is available in different wattages, beam angles, and colour temperatures.

MAKROT DK

Microcell optics UGR<16.
Equipped with EUROSTANDARD connector.



Cod. 4000K	Led	lm	Lmm
63DK24K4	24W 60°	2790	1121
63DK30K4	30W 60°	3486	1401
63DK36K4	36W 60°	4182	1681

Cod. 3000K	Led	lm	Lmm
63DK24K3	24W 60°	2654	1121
63DK30K3	30W 60°	3316	1401
63DK36K3	36W 60°	3978	1681

MAKROT CLD

Transparent PMMA diffuser with CLD film UGR<19.
Equipped with EUROSTANDARD connector.



LOW POWER VERSION (20 W/m)			
Cod. 4000K	Led	lm	Lmm
63CLD24K4	24W	2966	1123
63CLD30K4	30W	3707	1403
63CLD36K4	36W	4448	1683

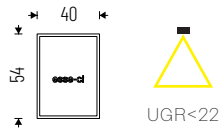
LOW POWER VERSION (20 W/m)			
Cod. 3000K	Led	lm	Lmm
63CLD24K3	24W	2877	1123
63CLD30K3	30W	3595	1403
63CLD36K3	36W	4314	1683

HIGH POWER VERSION (40 W/m)			
Cod. 4000K	Led	lm	Lmm
63CLD45K4HP	45W	5418	1123
63CLD57K4HP	57W	6722	1403
63CLD68K4HP	68W	8127	1683

HIGH POWER VERSION (40 W/m)			
Cod. 3000K	Led	lm	Lmm
63CLD45K3HP	45W	5255	1123
63CLD57K3HP	57W	6520	1403
63CLD68K3HP	68W	7883	1683

MAKROT___PG

Satin PMMA diffuser UGR<22.
Equipped with EUROSTANDARD connector.



IP 40



LOW POWER VERSION (20 W/m)			
Cod. 4000K	Led	lm	Lmm
63PG24K4	24W	2912	1123
63PG30K4	30W	3640	1403
63PG36K4	36W	4367	1683

HIGH POWER VERSION (40 W/m)			
Cod. 4000K	Led	lm	Lmm
63PG45K4HP	45W	5379	1123
63PG57K4HP	57W	6723	1403
63PG68K4HP	68W	8068	1683

LOW POWER VERSION (20 W/m)			
Cod. 3000K	Led	lm	Lmm
63PG24K3	24W	2824	1123
63PG30K3	30W	3530	1403
63PG36K3	36W	4235	1683

HIGH POWER VERSION (40 W/m)			
Cod. 3000K	Led	lm	Lmm
63PG45K3HP	45W	5217	1123
63PG57K3HP	57W	6521	1403
63PG68K3HP	68W	7824	1683

MAKROT___PC 60°

PMMA lens 60°.
Equipped with EUROSTANDARD connector.



IP 40

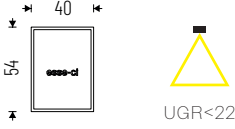


HIGH POWER VERSION (40 W/m)			
Cod. 4000K	Led	lm	Lmm
63PC44K460	44W	7060	1128
63PC66K460	66W	10560	1688

HIGH POWER VERSION (40 W/m)			
Cod. 3000K	Led	lm	Lmm
63PC44K360	44W	6600	1128
63PC66K360	66W	9900	1688

MAKROT___PC 110°

PMMA lens 110°.
Equipped with EUROSTANDARD connector.



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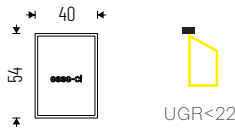


HIGH POWER VERSION (40 W/m)			
Cod. 4000K	Led	lm	Lmm
63PC44K4110	44W	7060	1128
63PC66K4110	66W	10560	1688

HIGH POWER VERSION (40 W/m)			
Cod. 3000K	Led	lm	Lmm
63PC44K3110	44W	6600	1128
63PC66K3110	66W	9900	1688

MAKROT___PC ASYMMETRIC

Asymmetric PMMA lens.
Equipped with EUROSTANDARD connector.



IP 40

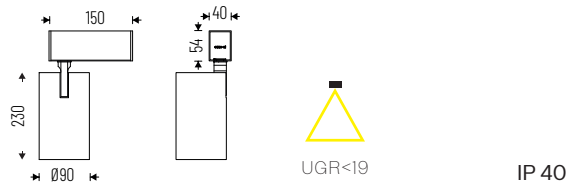


HIGH POWER VERSION (40 W/m)			
Cod. 4000K	Led	lm	Lmm
63AS44K4	44W	7060	1128
63AS66K4	66W	10560	1688

HIGH POWER VERSION (40 W/m)			
Cod. 3000K	Led	lm	Lmm
63AS44K4	44W	6600	1128
63AS66K4	66W	9900	1688

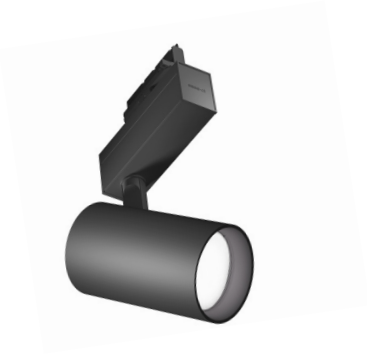
MAKROT__SPOT

Linear luminaire with spot modules with PMMA lenses available in 15°–24°–36°–50°–70° beam angles.



Cod. 4000K	Led	lm	Ømm
63SP24K415	24W 15°	3640	90
63SP24K424	24W 24°	3640	90
63SP24K436	24W 36°	3640	90
63SP24K450	24W 50°	3640	90
63SP24K470	24W 70°	3640	90

Cod. 3000K	Led	lm	Ømm
63SP24K315	24W 15°	3500	90
63SP24K324	24W 24°	3500	90
63SP24K336	24W 36°	3500	90
63SP24K350	24W 50°	3500	90
63SP24K370	24W 70°	3500	90



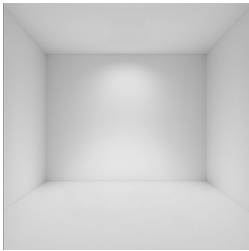
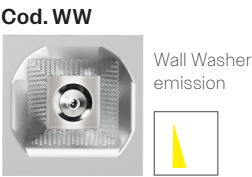
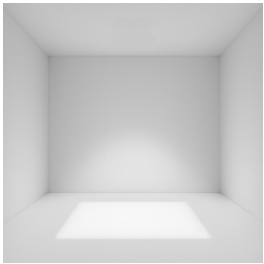
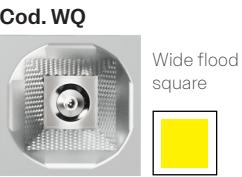
MAKROT__FLY EYES

Linear luminaire with Fly Eyes shade module, WQ (wide flood square) or WW (wall washer emission) included. Equipped with EUROSTANDARD connector.



Cod. 4000K	Led	lm	Lmm
63WQ17K4	17W	1512	283
63WQ34K4	34W	3024	563
63WW17K4	17W	1512	283
63WW34K4	34W	3024	563

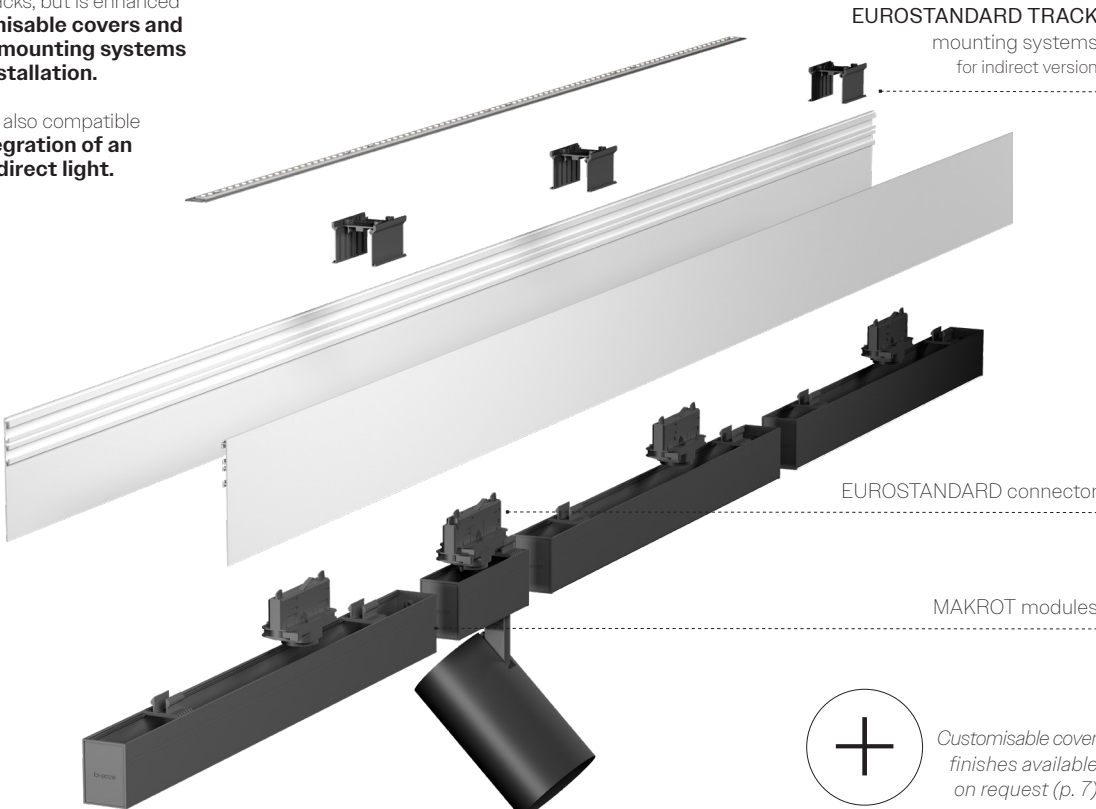
Cod. 3000K	Led	lm	Lmm
63WQ17K3	17W	1512	283
63WQ34K3	34W	3024	563
63WW17K3	17W	1512	283
63WW34K3	34W	3024	563



MAKROT__PRO

MAKROT PRO expands the customisation possibilities of the MAKROT system: the modular structure remains integrated into EUROSTANDARD three-phase electrified tracks, but is enhanced with **customisable covers and dedicated mounting systems for their installation.**

The clips are also compatible with the **integration of an optional indirect light.**



MAKROT__PRO

Aluminum cover for Makrot linear modules, complete with plastic clips for attachment to the three-phase electrified track.



Cod.	mm
63AA1000	1000
63AA2000	2000



ACCESSORIES



Cover for track electrification element
102x45 mm.

63AA09CEL



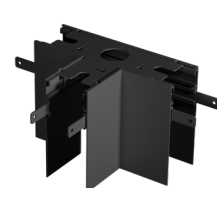
Cover end cap.

63AA09



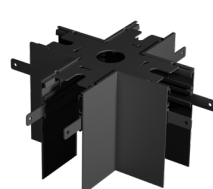
2-way joint
(size 97x97 mm).

63AA05C



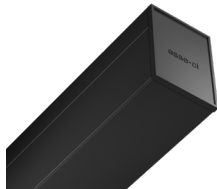
3-way joint
(size 97x148 mm).

63AA06C



4-way joint
(size 148x148 mm).

63AA07C



Blind module.

63MC1M: 1000mm
63MC2M: 2000mm



Indirect light module with 230V LED
strip, 15 W/m, cuttable every 10 cm.

63AAK4IN500: 500mm
63AAK4IN1000: 1000mm
63AAK3IN500: 500mm
63AAK3IN1000: 1000mm

EXAMPLE – MAKROT PRO INDIRECT LIGHT

The clips supplied with the covers of the Makrot Pro system, customisable in colour, are already designed to accommodate a LED strip for indirect light (code **63AAxxlNyyy_**).

