



Signaling and Illumination

from Murrelektronik

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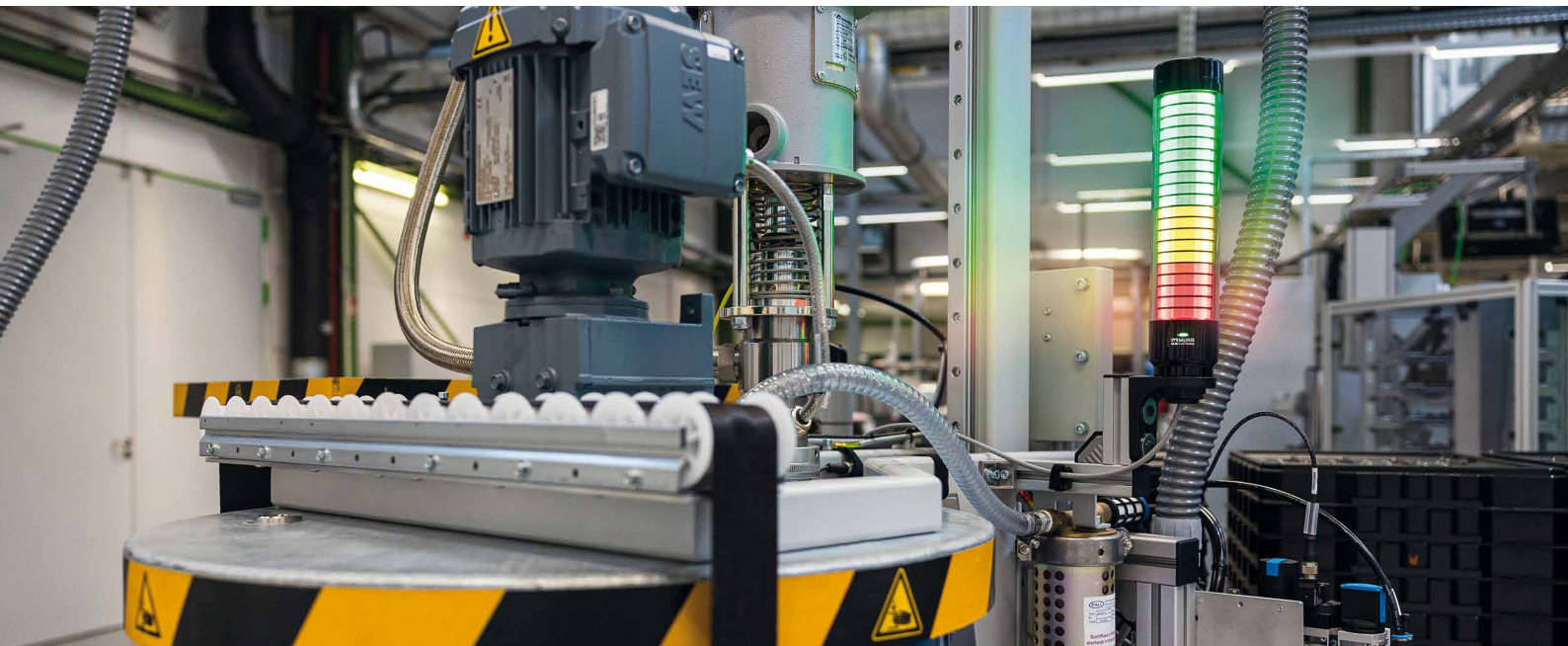
Clear signals. Perfect illumination.



First-class advantages with solutions from Murrelektronik:

- LED technology ensures a **high light yield** and guarantees **long service life** along low energy consumption
- For all of its product versions, Murrelektronik offers **plug-in solutions**, such as M8 or M12, so that installation goes **as quickly as possible**.
- The compactness of the lights and signal towers means they can be used **in narrow or tight spaces**. After all, space in machine or plant equipment is usually a rare commodity.

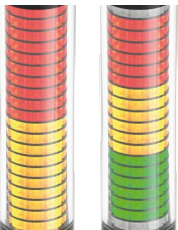
LED signal towers



The **Modlight®60 Pro-RGB** signal tower offers various operating modes



Stack Mode
In stack mode, individual LED discs can be combined in up to 5 segments to create a classic signal tower. The segment size and colors can be adjusted individually.



Autoscale Mode
The Autoscale function enables the automatic and symmetrical division of the LED discs for full-surface signaling and maximum visibility.



Level Mode
Level mode enables a percentage based display of operating processes like production progress or fill level.

Slice Mode

In slice mode, each LED disc can be individually controlled in terms of color, light pattern and animation.







The **Modlight®50/70 Pro** signal towers feature a modular design



The LED modules of the tower can be flexibly mounted and offer a tool-free and quick locking mechanism via bayonet locks – sealed to IP65.

The advantages of using **Modlight®**

- Reliable**
- Completely maintenance-free
 - Very long LED service life
 - Optimal light yield
 - Resistant to vibration
- Safe**
- Quick and tool-free locking
 - Tight seal in accordance with predetection class IP65
 - Color-coded LED modules and connection terminals to prevent errors during installation
- Economical**
- Innovative and energy-saving LED technology
 - No need to replace bulbs
 - Pluggable M12 connection for easy installation
 - Flexible mounting options
 - IO-Link interface

Series	Modlight30	Modlight50 Pro	Modlight60 Pro-RGB	Modlight70 Pro
				
Structure	fixed mounted	modular	fixed mounted	modular
Diameter	30 mm	50 mm	60 mm	70 mm
Protection class IP65	yes	yes	yes	yes
Light source LED	yes	yes	yes	yes
Max. buzzer volume	–	85 dB	88 dB	90 dB
Number of possible signal levels	3	5 + buzzer	20 RGB LED discs, 21 colors, 10 light patterns + 8 selectable buzzers	5 + buzzer
Rated voltage	24 V AC/DC	24 V DC	24 V DC	24 V DC
M12 connection	yes	–	yes	yes
IO-Link control	–	–	yes	yes
Approval				



LED status lights



LED machine lamps



The advantages of Comlight56 at a glance

- Clear and intensely bright signaling
- Lifespan of up to 100,000 hours
- Practical solution for confined spaces
- Low energy consumption thanks to innovative LED technology
- Quick to install and no maintenance required
- Waterproof and dustproof in accordance with IP65
- Robust and highly resistant to shock and vibration
- Versions with IO-Link interface


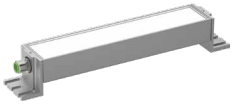



The right Illumix for every application







- **Modlight Illumix Slim Line** for use in industrial and plant engineering
- **Modlight Illumix Classic Line** for use in environments with coolants and lubricants as well as flying chips or sparks
- **Modlight Illumix Xtreme Line** for the toughest applications in industrial and plant engineering



Series	Comlight56	Comlight56	Comlight56 IO-Link
			
Protection class	IP65 when plugged in and locked (EN 60529)		
Material	Plastic housing		
Connection system	Spring clamp terminals		M12
IO-Link control	–	–	✓

Series	Modlight Illumix Slim Line	Modlight Illumix Classic Line	Modlight Illumix Xtreme Line
			
Protection class	IP54	IP67	IP69K
Material	Plastic housing	Metal housing (and single-pane safety glass)	
Connection system	M8/M12	M12	M12 (V2A stainless steel quality)
Functionality	Illumination + status		Illumination
Media resistance	–	against coolants and lubricating agents	

Ordering data Modlight – Signal tower

Sets			Art-No.
	Modlight30 (green/yellow/red)		
	Connection modules + LED modules	Connection cable L = 300 mm	4000-75324-5310000
	Connection modules + LED modules	Connection: M12 (bottom), male, 4-pole	4000-75330-5310000
	Modlight50 Pro (green/yellow/red)		
	Base + LED modules		4000-76501-5310000
	Base, buzzer + LED modules		4000-76502-5310000
	Modlight60 Pro RGB		
	Without buzzer	Connection: M12 (bottom), male, 4-pole	4000-76060-0000001
	Modlight60 Pro RGB		
	With buzzer	Connection: M12 (bottom), male, 4-pole	4000-76060-0000002
	Modlight70 Pro (green/yellow/red)		
	Base + LED modules + M12 (bottom)	Connection: M12 (bottom), male, 8-pole	4000-76704-5310000
	Base, Buzzer + LED modules + M12 (bottom)	Connection: M12 (bottom), male, 8-pole	4000-76705-5310000
	Modlight70 Pro (green/yellow/red)		
	Base + LED modules + M12 (side)	Connection: M12 (bottom), male, 8-pole	4000-76712-5310000
	Base, buzzer + LED modules + M12 (side)	Connection: M12 (bottom), male, 8-pole	4000-76713-5310000

Connection modules			Art-No.
	Base for floor mounting		
	Modlight50 Pro	Spring clamp terminals cURus	4000-76050-1100002
	Modlight70 Pro	Spring clamp terminals cURus	4000-76070-1100002
	Base for tube mounting		
	Modlight50 Pro	Spring clamp terminals cURus	4000-76050-1100003
	Modlight70 Pro	Spring clamp terminals cURus	4000-76070-1100003
	Modlight70 Pro		
	Base	Connection: M12 (bottom), male, 8-pole	4000-76070-1300002
	Base with IO-Link	Connection: M12 (bottom), male, 4-pole	4000-76070-1300015
Connection modules			Art-No.
	Modlight70 Pro		
	Base	Connection: M12 (side), male, 8-pole	4000-76070-1400002
	Base with IO-Link	Connection: M12 (side), male, 4-pole	4000-76070-1400015
	Base with magnetic foot	Connection: M12 (side), male, 8-pole	4000-76070-1500002
Buzzer modules			Art-No.
	Buzzer modules Modlight50 Pro		4000-76050-1100004
	Buzzer modules Modlight70 Pro		4000-76070-1100004

LED modules			Art-No.
	LED module red Modlight50 Pro		4000-76050-1011000
	LED module red Modlight70 Pro		4000-76070-1011000
	LED module yellow Modlight50 Pro		4000-76050-1012000
	LED module yellow Modlight70 Pro		4000-76070-1012000
	LED module green Modlight50 Pro		4000-76050-1013000
	LED module green Modlight70 Pro		4000-76070-1013000
	LED module blue Modlight50 Pro		4000-76050-1014000
	LED module blue Modlight70 Pro		4000-76050-1014000
	LED module clear Modlight50 Pro		4000-76050-1015000
	LED module clear Modlight70 Pro		4000-76070-1015000
Accessories Modlight30			Art-No.
	Adapter for wall mounting		
			4000-75030-0000903
Accessories Modlight50/60/70 Pro			Art-No.
	Adapter for pipe mounting at bottom		
		for Modlight50/70 Pro	4000-76070-0000901
	Adapter for pipe mounting at bottom		
		for Modlight60 Pro	4000-76060-0000901

Accessories Modlight50/60/70 Pro			Art-No.
	Adapter for pipe wall mounting		
		for Modlight50/70 Pro	4000-76070-0000902
	Adapter for wall mounting		
		for Modlight70 Pro	4000-76070-0000903
	Adapter for wall mounting		
		for Modlight60/70 Pro and Comlight56	4000-75070-0000904
	Aluminum tube		
	100 mm	for Modlight60 Pro	4000-76060-0000911
	300 mm	for Modlight50/70 Pro	4000-76070-0000913
	800 mm	for Modlight50/70 Pro	4000-76070-0000918
	Magnetic base		
	with screw connection M16 × 1.5	Cable entry on the side for Modlight50/70 Pro	4000-75070-0000920
	Magnetic base		
	with M12 male, 8-pole	Side connection for Modlight50/70 Pro	4000-75070-0000921
	Mounting adapter		
	for strain relief	Connection on the side or downwards	4000-75070-0000922
	Labeling plate		
	transparent	for Modlight50 Pro	4000-76050-0000923
	transparent	for Modlight60 Pro	4000-76060-0000923
	transparent	for Modlight70 Pro	4000-76070-0000923




For further accessories, please refer to the online shop at shop.murrelektronik.com

Ordering data Comlight56 – Status lights

Compact status lights			Art-No.
	Comlight56		
	red	Spring clamp terminals	4000-76056-1111000
	red	Connection: M12 (bottom), male, 4-pole	4000-76056-1311000
	Comlight56		
	yellow	Spring-loaded terminal connection	4000-76056-1112000
	yellow	Connection: M12 (bottom), male, 4-pole	4000-76056-1312000
	Comlight56		
	green	Spring clamp terminals	4000-76056-1113000
	green	Connection: M12 (bottom), male, 4-pole	4000-76056-1313000
	Comlight56		
	blue	Spring clamp terminals	4000-76056-1114000
	blue	Connection: M12 (bottom), male, 4-pole	4000-76056-1314000
	Comlight56		
	clear	Spring clamp terminals	4000-76056-1115000
	clear	Connection: M12 (bottom), male, 4-pole	4000-76056-1315000

Compact status lights			Art-No.
	Comlight56 with IO-Link		
	RGB-LED	Connection: M12 (bottom), male, 4-pole	4000-76056-0000001
	Comlight56 mit IO-Link		
	RGB-LED with buzzer	Connection: M12 (bottom), male, 4-pole	4000-76056-0000002
	Comlight56 mit IO-Link		
	RGB-LED with capacitive touch sensor	Connection: M12 (bottom), male, 4-pole	4000-76056-0000003
	Comlight56 mit IO-Link		
	RGB-LED with buzzer and capacitive touch sensor	Connection: M12 (bottom), male, 4-pole	4000-76056-0000004
	Adapter for wall mounting		
		For Comlight56 / Modlight60 Pro	4000-76056-0000903

Ordering data Illumix – Machine lamps

LED Machine lamps			Art-No.
	Modlight Illumix Slim Line RGBW	Illumination + Status	
	4 W - 24 V DC Connection: M12, male, 5-pole	IP54 cULus	4000-75800-1416004
	8 W - 24 V DC Connection: M12, male, 5-pole	IP54 cULus	4000-75800-1416008
	16 W - 24 V DC Connection: M12, male, 5-pole	IP54 cULus	4000-75800-1416016
	24 W - 24 V DC Connection: M12, male, 5-pole	IP54 cULus	4000-75800-1416024
	32 W - 24 V DC Connection: M12, male, 5-pole	IP54 cULus	4000-75800-1416032
	Modlight Illumix Slim Line	Illumination	
	4 W - 24 V DC Connection: M8, male, 4-pole	IP54 cULus	4000-75800-1715004
	8 W - 24 V DC Connection: M8, male, 4-pole	IP54 cULus	4000-75800-1715008
	16 W - 24 V DC Connection: M8, male, 4-pole	IP54 cULus	4000-75800-1715016
	24 W - 24 V DC Connection: M8, male, 4-pole	IP54 cULus	4000-75800-1715024
	32 W - 24 V DC Connection: M8, male, 4-pole	IP54 cULus	4000-75800-1715032
	Modlight Illumix Slim Line C	Illumination	
	4 W - 24 V DC Connection: M8, male/female, 4-pole expandable	IP54 cULus	4000-75900-1715004
	8 W - 24 V DC Connection: M8, male/female, 4-pole expandable	IP54 cULus	4000-75900-1715008
	16 W - 24 V DC Connection: M8, male/female, 4-pole expandable	IP54 cULus	4000-75900-1715016
	24 W - 24 V DC Connection: M8, male/female, 4-pole expandable	IP54 cULus	4000-75900-1715024
	32 W - 24 V DC Connection: M8, male/female, 4-pole expandable	IP54 cULus	4000-75900-1715032

LED Machine lamps			Art-No.
	Modlight Illumix Classic Line RGBW	Illumination + Status	
	6 W - 24 V DC Connection: M12, male, 5-pole	IP67 cULus	4000-75801-1416006
	12 W - 24 V DC Connection: M12, male, 5-pole	IP67 cULus	4000-75801-1416012
	18 W - 24 V DC Connection: M12, male, 5-pole	IP67 cULus	4000-75801-1416018
	24 W - 24 V DC Connection: M12, male, 5-pole	IP67 cULus	4000-75801-1416024
	Modlight Illumix Classic Line	Illumination	
	6 W - 24 V DC Connection: M12, male, 4-pole	IP67 cULus	4000-75801-1415006
	12 W - 24 V DC Connection: M12, male, 4-pole	IP67 cULus	4000-75801-1415012
	18 W - 24 V DC Connection: M12, male, 4-pole	IP67 cULus	4000-75801-1415018
	24 W - 24 V DC Connection: M12, male, 4-pole	IP67 cULus	4000-75801-1415024
	Modlight Illumix Classic Line C	Illumination	
	6 W - 24 V DC Connection: M12, male/female, 4-pole expandable	IP67 cULus	4000-75901-1415006
	12 W - 24 V DC Connection: M12, male/female, 4-pole expandable	IP67 cULus	4000-75901-1415012
	18 W - 24 V DC Connection: M12, male/female, 4-pole expandable	IP67 cULus	4000-75901-1415018
	24 W - 24 V DC Connection: M12, male/female, 4-pole expandable	IP67 cULus	4000-75901-1415024
	Modlight Illumix Xtreme	Illumination	
	27 W - 24 V DC Connection: M12, male, 5-pole	IP69K cULus	4000-75827-1315000
	Modlight Illumix Xtreme		
	Joint head		4000-75800-0000900



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