



LYN4 is a range of small LED IP68 recessed uplighter fittings designed to take the load and impact from motor vehicles.

Available as "TopLED" upward projected distribution or "SideLED" side radial distribution.

LYN4 are made from high quality materials with precision finishing and attention to design, which makes them suitable for a variety of both indoor and outdoor applications in the most prestigious of projects. Ideal as accent and directional walkway lighting, creating dramatic effects in gardens, parks and public areas. A choice of cover rings are available; Stainless steel (-I), Copper (-Cu), or Aluminium finished (-AL) supplied with white, blue, yellow, red or green LED light sources.

LYN4-T auto extinguishing 960° glow wire test V1-UL 94 versions are available on request.

- Technopolymer ring covered in stainless steel or copper and, as an alternative, painted grey aluminium.
- Toughened transparent safety glass with internal prismatic wide lens.
- Long life silicone gasket.
- Technopolymer recessed outer case and body.
- Every fitting is complete with two IP68 anti-tearing PG9 cable glands + one grommet for single or in series connection installation.
- Stainless steel external screws.
- 3 or 9 leds mounted on electronic panels that must be fed with extra low voltage 24 CC stabilised. 10W and 40W electronic transformers are available as accessories and must be installed in protected areas. The transformers are also available with an IP67 box for recessed installation (A0221/10 - A0221/40).

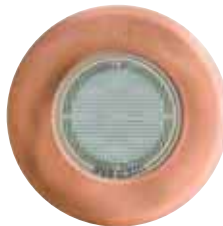


### LYN4/T - I Stainless steel ring and signalling LED

Lampholder	W	Ilcos	*K	Optic	Colour	Class	Wiring	EEL =	Cosp ≥ 0,9	Code	Notes	T max °C
n.9 led 24V	1,5W		○ 5.600°	C 120°	04	III				<b>06001204</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	04	III				<b>06001404</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	04	III				<b>06001604</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	04	III				<b>06001804</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	04	III				<b>06002004</b>	!	35°



! For 24V DC lamp supply.



### LYN4/T - Cu Copper ring and signalling LED

Lampholder	W	Ilcos	*K	Optic	Colour	Class	Wiring	EEL =	Cosp ≥ 0,9	Code	Notes	T max °C
n.9 led 24V	1,5W		○ 5.600°	C 120°	50	III				<b>06003250</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	50	III				<b>06003350</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	50	III				<b>06003450</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	50	III				<b>06003550</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	50	III				<b>06003650</b>	!	35°



! For 24V DC lamp supply.



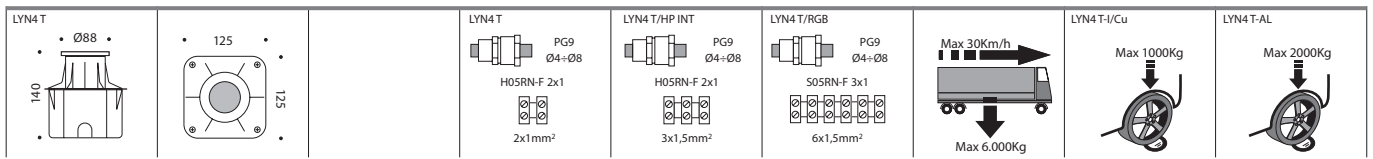
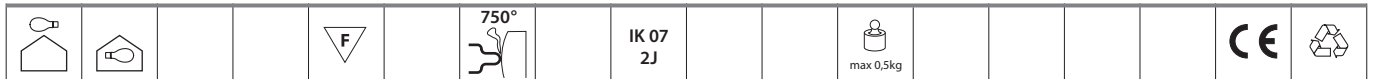
### LYN4/T - AL Aluminium ring and signalling LED

Lampholder	W	Ilcos	*K	Optic	Colour	Class	Wiring	EEL =	Cosp ≥ 0,9	Code	Notes	T max °C
n.9 led 24V	1,5W		○ 5.600°	C 120°	94	III				<b>06001394</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	94	III				<b>06001594</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	94	III				<b>06001794</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	94	III				<b>06001994</b>	!	35°
n.9 led 24V	1,5W		●	C 120°	94	III				<b>06002194</b>	!	35°



! For 24V DC lamp supply.





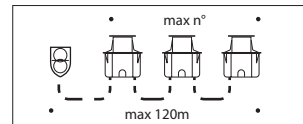
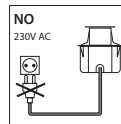
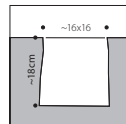
## INSTALLATION

LYN4 fittings withstand impact from motor vehicles.

Models LYN4 T/I and LYN4 T/Cu withstand a max. static load of 1000 Kg. and impact from motor vehicles fitted with pneumatic tyres with a max 6000kgs gross weight and travelling at a speed of max. 30km/h.

Models LYN4 T/AL withstand a max. static load of 2000 Kg and impact from motor vehicles fitted with pneumatic tyres with a max 7500kg gross weight and travelling at a speed of max. 30km/h.

For optimum performance and safety, it is important that they are correctly installed by qualified personnel only and in strict accordance with manufacturer installation instructions, in particular by using only H05RN-F 2x1mm<sup>2</sup> cable available to order as an accessory (A0222).



LYN4 T	
10w	40w
6 max	24 max

## ACCESSORIES



Code	Denomination	Description
<b>14015420</b>	A0220/10W	10W Electronic transformer 95-240V 50/60Hz AC/24V CC, mounted on galvanised steel tray.
<b>14015520</b>	A0220/40W	40W Electronic transformer 115-240V 50/60Hz AC/24V CC, mounted on galvanised steel tray.
<b>14015620</b>	A0221/10W	Black technopolymer box IP67 with stainless steel cover and 10W electronic transformer 95-240V 50/60Hz AC/24V CC. Cable glands PG 13,5 for Ø6-10mm cable and for Ø25mm sheath.
<b>14015720</b>	A0221/40W	Black technopolymer box IP67 with stainless steel cover and 40W electronic transformer 115-240V 50/60Hz AC/24V CC. Cable glands PG 13,5 for Ø6-10mm cable and for Ø25mm sheath.
<b>14015820</b>	A0222	Cable H05RN-F 2x1 mm <sup>2</sup> to be ordered in metres.



LYN4 T/HP (High Power) fittings complete with 1x3.2W high powered narrow beam LED are available in the following two versions:

- LYN4 T/HP same construction as LYN4T but complete with 3.2W narrow beam 6° LED adjustable  $\pm 10^\circ \times 360^\circ$ , available as white or blue LED.
- LYN4 T/HP-INT as above but complete with a lens to provide shafts of vertical light on wall / surface.

- Cover rings available in technopolymer with AISI 316 stainless steel or copper bonded surface, and die cast aluminium finished silver grey.
- Toughened clear safety glass.
- Long life silicone gasket.
- Technopolymer body and outer recessing enclosure.
- Two IP68 anti-tearing PG9 cable glands and one stopping plug for single or through wiring connection.
- Stainless steel external fixing screws.

LED unit complete with single LED requires appropriate supply and control accessories.



### LYN4/T - HP High Power LED

Lampholder	W	Ilcos	*K	Optic	Colour	Class	Wiring	EEL =	Cosp $\geq 0,9$	Code	Notes	T max °C
n.1 led 700mA	3,2W	$\bigcirc 6.000^\circ$	C 6°	04	III					<b>06011004</b>	!	35°
n.1 led 700mA	3,2W	$\bigcirc 6.000^\circ$	C 6°	50	III					<b>06011250</b>	!	35°
n.1 led 700mA	3,2W	$\bigcirc 6.000^\circ$	C 6°	94	III					<b>06011494</b>	!	35°
n.1 led 700mA	3,2W	$\bullet$	C 6°	04	III					<b>06011104</b>	!	35°
n.1 led 700mA	3,2W	$\bullet$	C 6°	50	III					<b>06011350</b>	!	35°
n.1 led 700mA	3,2W	$\bullet$	C 6°	94	III					<b>06011594</b>	!	35°



! LYN4 T/HP must be fed with extra low voltage 700mA 24V DC stabilized supply. A0376/15 electronic 15W transformer 220-240V, 50/60Hz is available as an accessory and must be installed in an appropriate enclosed location, or alternatively ordered as accessory A0377/15 IP67 recessed gear box.



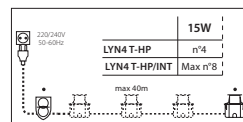
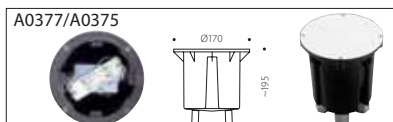
### LYN4/T - HP/INT High Power LED + narrow lens

Lampholder	W	Ilcos	*K	Optic	Colour	Class	Wiring	EEL =	Cosp $\geq 0,9$	Code	Notes	T max °C
n.1 led 350mA	3,2W	$\bigcirc 6.000^\circ$	INT	04	III					<b>06012304</b>	!	35°
n.1 led 350mA	3,2W	$\bigcirc 6.000^\circ$	INT	50	III					<b>06012550</b>	!	35°
n.1 led 350mA	3,2W	$\bigcirc 6.000^\circ$	INT	94	III					<b>06012794</b>	!	35°
n.1 led 350mA	3,2W	$\bullet$	INT	04	III					<b>06012404</b>	!	35°
n.1 led 350mA	3,2W	$\bullet$	INT	50	III					<b>06012650</b>	!	35°
n.1 led 350mA	3,2W	$\bullet$	INT	94	III					<b>06012894</b>	!	35°



! LYN4 T/HP INT complete with narrow beam lens and high powered 1 x 3.2W LED adjustable  $\pm 3^\circ \times 360^\circ$ . Must be fed with an extra low voltage 350mA 48V-DC stabilized supply. Electronic transformers are available as accessories: 15W (A0376/15) 220-240V, 50/60Hz for installation in a suitably enclosed location. Alternatively transformers are available supplied within an IP67 recessed box (A0377/15).

## ACCESSORIES



Code	Denomination	Description
<b>14071520</b>	A0374/15W 350mA	15W Electronic transformer, 220-240V 50/60Hz 350 mA CC - max 48V output - mounted on galvanised steel tray.
<b>14071720</b>	A0376/15W 700mA	Electronic 15W transformer; 220-240V 50/60Hz AC output 24V DC with constant 700mA current, mounted on a galvanised steel support.
<b>14071620</b>	A0375/15W 350mA	15W Electronic transformer, 220-240V 50/60Hz 350 mA CC - max 48V or 700 mA CC - max 24V output - mounted into IP67 black technopolymer recessed box with stainless steel cover.
<b>14071820</b>	A0377/15W 700mA	black technopolymer recessed box with stainless steel cover. Cable glands PG 13,5 for $\varnothing 1,2$ mm cable and for $\varnothing 25$ mm sheath.
<b>14015820</b>	A0222	Cable H05RN-F 2x1mm <sup>2</sup> to be ordered in metres.

LYN4 T / RGB version complete with colour changing device.  
LYN4-T/RGB same construction as LYN4T but available with multi-chip LED RGB colour changing device accessory, providing three colour changing programs: rainbow (70 sec. cycle), cold colours (50 sec. cycle) and warm colour (50 sec. cycle). Single colour fixed is also possible.

- Cover rings available in technopolymer with AISI 316 stainless steel or copper bonded surface, and die cast aluminium finished aluminium silver grey.
- Toughened clear safety glass.
- Long life silicone gasket.
- Technopolymer body and outer recessing enclosure
- Two IP68 anti-tearing PG9 cable glands and one stopping plug for single or through wiring connection.
- Stainless steel external fixing screws.
- LED unit complete with multichip 3x1.2W LED requires appropriate supply and control unit for operation. A0378 MASTER colour changing unit accessory to be ordered as a separate item along with fitting.
- A0380 accessory cable for connection between MASTER unit and fitting.

## LYN4 HP RGB

design Silvia Paola Pennacchio



### LYN4/T - HP - RGB Colour changing multi-LED

Lampholder	W	Ilcos	*K	Optic	Colour	Class	Wiring	EEL =	Cosp ≥ 0,9	Code	Notes	T max °C
n.1 led RGB 350mA	3,6W			C 45°	04	III				<b>06011604</b>	!	35°
n.1 led RGB 350mA	3,6W			C 45°	50	III				<b>06011750</b>	!	35°
n.1 led RGB 350mA	3,6W			C 45°	94	III				<b>06011894</b>	!	35°



! For 350mA x RGB lamp supply.

LYN4 T/RGB (see operating schematic).

A0378 MASTER unit supplies up to a maximum of 10 fittings with a maximum of 5 being controllable. The unit should be installed in an appropriate enclosed location.

- To allow control of more than 5 fittings A0379 SLAVE colour changing accessory unit is required to operate up to a further maximum of 5 fittings. SLAVE units are controlled via the MASTER unit.

- A0220/40 Electronic 40W transformer, for supply up to max 10 fittings.

Operating up to a max 5 fittings order:

- One MASTER unit A0378

Operating 6 to 10 fittings order:

- One MASTER unit A0378

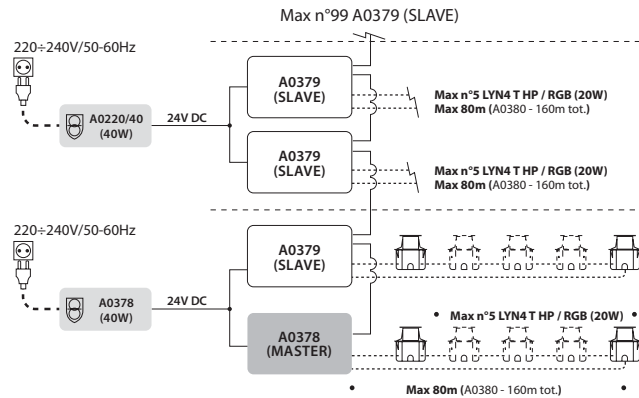
- One SLAVE unit A0379

Operating 11 to max 500 fittings order:

- One MASTER unit A0378

- Qty. SLAVE units A0379 = One per 5 fittings, starting from fitting 5+ (rounding up to next 5 fittings)

- Qty. Transformers A0220/40 = One per 10 fittings (rounding up to next 10 fittings).



### ACCESSORIES



Code	Denomination	Description
<b>14015520</b>	A0220/40W	40W Electronic transformer 115-240V 50/60Hz AC/24V CC, mounted on galvanised steel tray.
<b>14071920</b>	A0378	Supply and control unit for LYN4 T/RGB including 40W transformer. 220-240V 50/60Hz AC, 24V DC (max. 10 fittings). MASTER colour changing unit (max. 5 fittings).
<b>14072020</b>	A0379	LYN4 T/RGB additional (SLAVE) colour changing unit (max. 5 fittings). SLAVE units are controlled by MASTER unit.
<b>14072220</b>	A0381	Infrared remote control for colour changing MASTER unit.
<b>14072120</b>	A0380	S05RN-F 3x1 mm <sup>2</sup> x RGB cable sold and supplied in 1 metre units.



# LYN4 SideLED

design Silvia Paola Pennacchio



LYN4 are small IP68 motor vehicle impact resistant Led uplighter fittings for ground installation. LYN4 SideLED is the 120° and 360° radial ground level output version.

Essential design and corrosion resistance make them suitable for indoor or outdoor prestigious applications for signalling or decorating and for creating dramatic effects on walkways and underpasses, halls, etc.

120° (no. 3 Leds) and 360° (no. 9 Leds) beam versions are available in blue, white, red and yellow Led source colours.

On request all models Lyn4-T are available in V1-UL 94 auto-extinguishing version, 960° glow wire test resistant.

- Painted grey aluminium outer cap (motor vehicle impact resistant).
- Polycarbonate transparent diffuser stabilised UV.
- Long life silicone gasket.
- Technopolymer recessed outer case and body.
- Every fitting is complete with two IP68 anti-tearing PG9 cable glands + one grommet for single or in series connection installation.
- Stainless steel external screws.
- 3 or 9 leds mounted on electronic panels that must be fed with extra low voltage 24 CC stabilised. 10W and 40W electronic transformers are available as accessories and must be installed in protected areas. The transformers are also available with an IP67 box for recessed installation (A0221/10 – A0221/40).



## LYN4 S - 120° - AL Aluminium cap and signalling LED

Lampholder	W	Ilcos	*K	Optic	Colour	Class	Wiring	EEl =	Cosp ≥ 0,9	Code	Notes	T max °C
n.3 led 24V	0,5W		5.600°	RAD 120°	94	III				<b>06002394</b>	!	35°
n.3 led 24V	0,5W			RAD 120°	94	III				<b>06002594</b>	!	35°
n.3 led 24V	0,5W			RAD 120°	94	III				<b>06002794</b>	!	35°



! For 24V DC lamp supply.



## LYN4 S - 360° - AL Aluminium cap and signalling LED

Lampholder	W	Ilcos	*K	Optic	Colour	Class	Wiring	EEl =	Cosp ≥ 0,9	Code	Notes	T max °C
n.9 led 24V	1,5W		5.600°	RAD 360°	94	III				<b>06002294</b>	!	35°
n.9 led 24V	1,5W			RAD 360°	94	III				<b>06002494</b>	!	35°
n.9 led 24V	1,5W			RAD 360°	94	III				<b>06002694</b>	!	35°



! For 24V DC lamp supply.



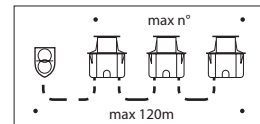
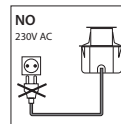
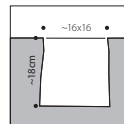
					IK 09 12J		max 0,5kg				
CLASS III		94	IP 68		0,5 m					Led Max 1,5W	
LYN4 S-120°/S-360°-AL • Ø108 • 				PG9 Ø4-Ø8 H05RN-F 2x1mm <sup>2</sup> 					Max 30Km/h Max 7.500Kg		Max 2000Kg

## INSTALLATION

LYN4/S are motor vehicle impact resistant fittings which withstand a max static load of 2500 Kg and impact from motor vehicles fitted with pneumatic tyres with a max 7500 Kg gross weight and travelling at a speed of max 30 Km/h.

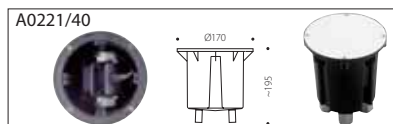
For optimum performance and safety, it is important that they are correctly installed by qualified personnel only and in strict accordance with manufacturer installation instructions, in particular by using only H05RN-F 2x1 mm<sup>2</sup> cable available to order as an accessory (A0222).

LYN4/S models withstand a maximum static load of 2500Kg and a maximum travelling load, by motor vehicles with pneumatic tyres, of 7500Kg gross weight at a maximum speed of 30Km/h.



	10w	40w
LYN4 S360	6 max	24 max
LYN4 S210	18 max	60 max

## ACCESSORIES



Code	Denomination	Description
14015420	A0220/10W	10W Electronic transformer 95-240V 50/60Hz AC/24V CC, mounted on galvanised steel tray.
14015520	A0220/40W	40W Electronic transformer 115-240V 50/60Hz AC/24V CC, mounted on galvanised steel tray.
14015620	A0221/10W	Black technopolymer box IP67 with stainless steel cover and 10W electronic transformer 95-240V 50/60Hz AC/24V CC. Cable glands PG 13,5 for Ø6-10mm cable and for Ø25mm sheath.
14015720	A0221/40W	Black technopolymer box IP67 with stainless steel cover and 40W electronic transformer 115-240V 50/60Hz AC/24V CC. Cable glands PG 13,5 for Ø6-10mm cable and for Ø25mm sheath.
14015820	A0222	Cable H05RN-F 2x1 mm <sup>2</sup> to be ordered in metres.