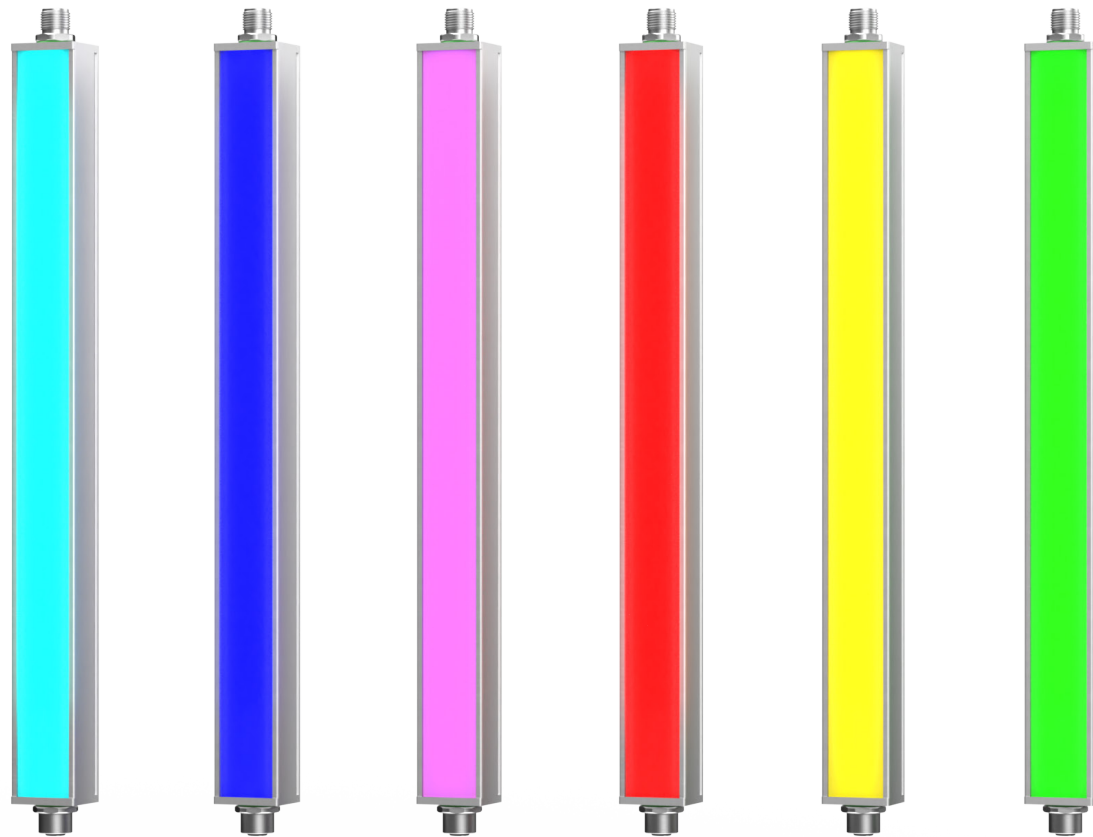















# Linear · PDX SERIES RGB

lumher



-  24 V DC
-  PWM DIMABLE
-  CASCADABLE
-  90 mm INCREMENTAL
-  CABLE M12A
-  POLARIZED
-  RGB
-  MACHINE VISION
-  SIGNALING
-  IP40 IP65
-  36 MONTHS
-  MADE IN SPAIN
-  CLASS III

## Technical specifications

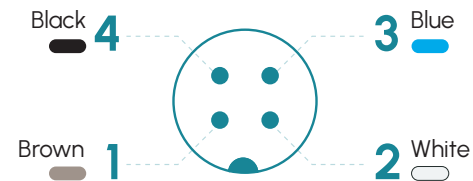
Power supply voltage	24 Vdc ±5%	
Polarity	Positive PNP (common: 0 Vdc)	
PWM regulation (Max 25 KHz)	min. 0%	max. 100%
Max. number of cascadable modules	44 modules	
Electrical protections	Transient overvoltages	YES
	Polarity reversal	YES
	Current sablizer	YES
Angle of aperture	Semidiffuse	60°
	Ultradiffuse	110°
Wavelength	R = 625 nm G = 520 nm B = 465 nm	
IP Rating	IP40 o IP65	
Protection type	Class III	
Operating temperature	-10 a +40 °C	
Body material	Anodized aluminum	
Side cover material	Anodized aluminum	
Diffuser material	Polycarbonate	
Connection types	M12A, 2m cable, M12A connector with cable	
Standards	RoHs, CE	

## Connection

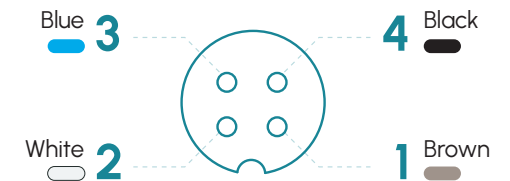
M12A input - Cable	Power
Pin 1 - Brown	+24 Vdc (Green)
Pin 2 - White	+24 Vdc (Blue)
Pin 3 - Blue	0 Vdc
Pin 4 - Black	+24 Vdc (Red)

Output M12A - Cable	Power
Pin 1 - Brown	+24 Vdc (Green)
Pin 2 - White	+24 Vdc (Blue)
Pin 3 - Blue	0 Vdc
Pin 4 - Black	+24 Vdc (Red)

### M12A Male



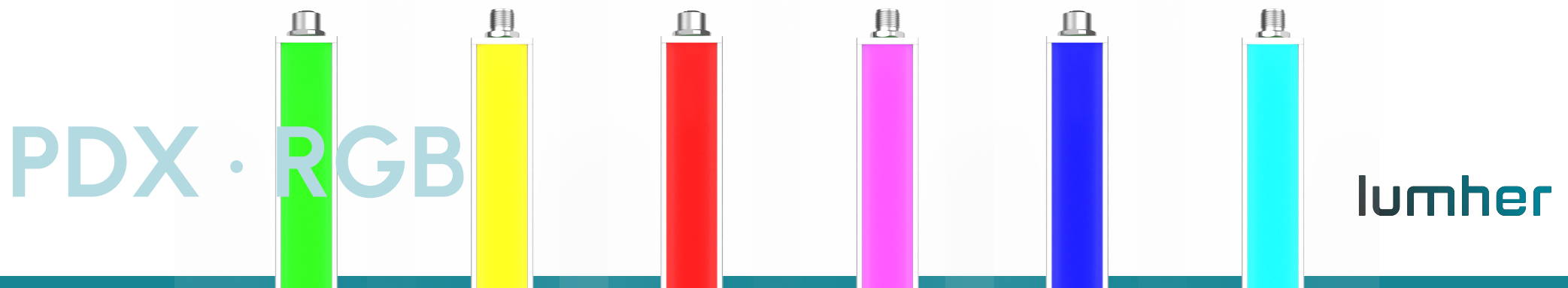
### M12A Female



## Fixings

P00G1 , P00G2, P00G3, P00R1, P00R2, P00R3, P00R4, M6D16

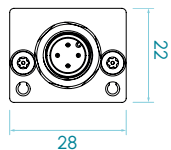
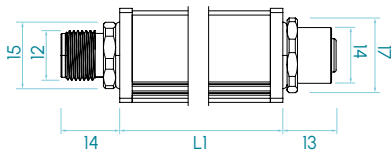
(I) The number representing the length of the luminaire is the number of modules it has.



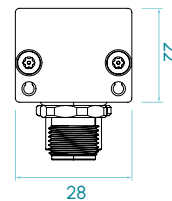
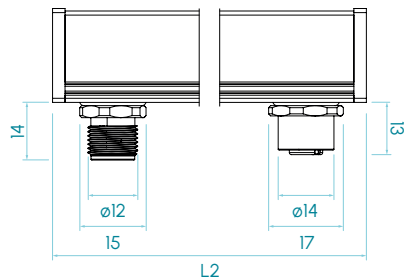
## Measures

### IP40

#### M12A axial version

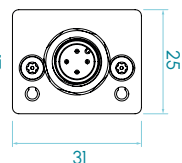
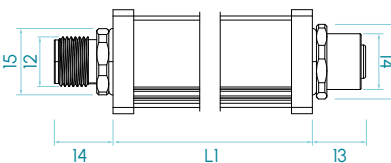


#### M12A radial version

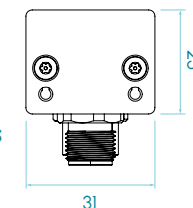
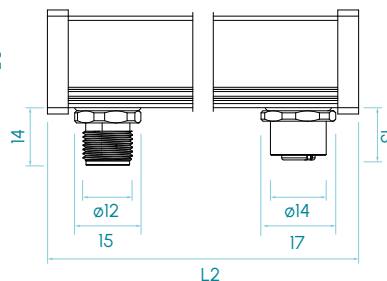


### IP65

#### M12A axial version



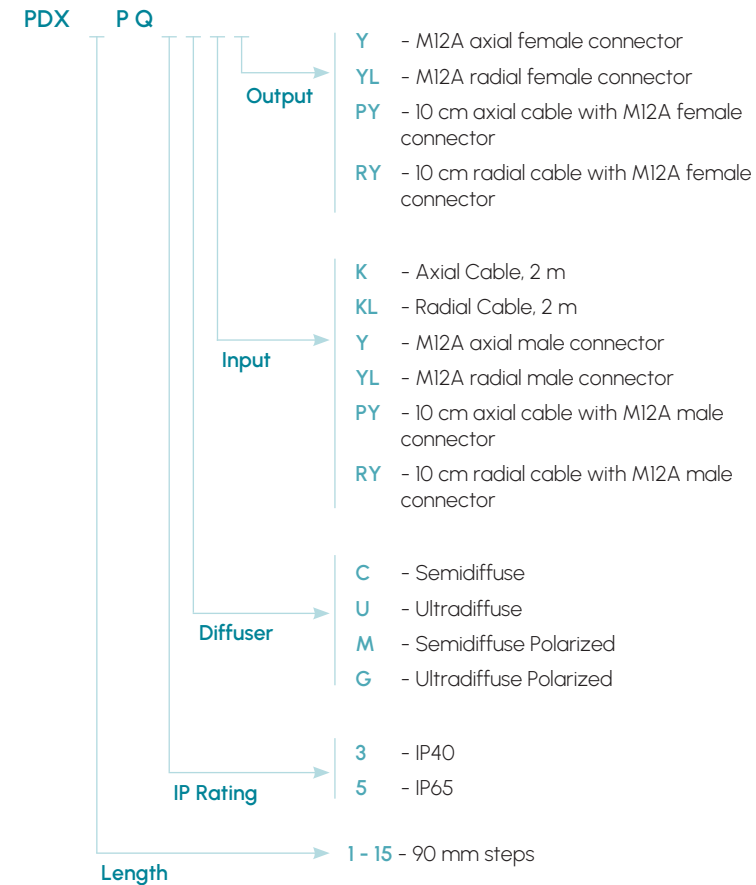
#### M12A radial version



Measures in mm

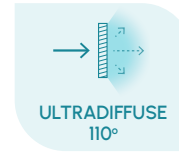
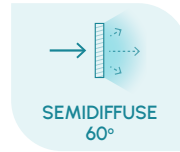
# PDX · RGB

## Selection guide



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# Model PDX · RGB



## Table of characteristics

	Length	Length	Weight	Luminous flux <sup>(3)</sup>			Power consumed
	L1 <sup>(2)</sup>	L2 <sup>(2)</sup>		(lm)			
	(mm)	(mm)	(g)	R	G	B	(W)
PD/PDX 01...	120	138	97	10	26	7	1,8
PD/PDX 02...	210	228	145	19	52	14	3,6
PD/PDX 03...	300	318	193	29	77	22	5,4
PD/PDX 04...	390	408	241	38	103	29	7,2
PD/PDX 05...	480	498	289	48	129	36	9,0
PD/PDX 06...	570	588	337	58	155	43	10,8
PD/PDX 07...	660	678	385	67	181	50	12,6
PD/PDX 08...	750	768	433	77	206	58	14,4
PD/PDX 09...	840	858	481	86	232	65	16,2
PD/PDX 10...	930	948	529	96	258	72	18,0
PD/PDX 11...	1.020	1.038	577	106	284	79	19,8
PD/PDX 12...	1.110	1.128	625	115	310	86	21,6
PD/PDX 13...	1.200	1.218	673	125	335	94	23,4
PD/PDX 14...	1.290	1.308	721	134	361	101	25,2
PD/PDX 15...	1.380	1.398	769	144	387	108	27,0

(2) The versions with radial input and/or output will have as length L2, the rest will be L1.

(3) Luminous flux (lm) is before diffuser.

PDX

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