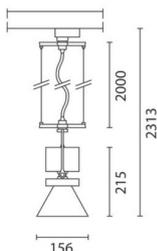


# Le Perroquet

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Last information update: June 2018



## Medium body spotlight - Neutral white - electronic ballast and dimmer - wide flood optic

**Product code**  
MP90

### Technical description

Pendant luminaire equipped with a multiphase adapter made of die-cast aluminium and thermoplastic material. The pendant system consists of steel cables L=2000 that provide a simple mechanical anchoring system. Having been rotated and tilted, the luminaire can be locked mechanically in position to ensure efficient light aiming (even during maintenance operations). Luminaire for high output LED lamp with monochrome emission in a neutral white colour tone (4000K). Dimmable electronic ballast. Equipped with an accessory holding ring designed to contain a flat accessory. Another external component can also be applied, selected from directional flaps and an asymmetric screen. All external accessories rotate 360° about the spotlight longitudinal axis.

### Installation

Mounted on an electrified track with a multiphase adapter.

### Dimension (mm)

Ø156x215

### Colour

White (01) | Grey/Black (74)

### Weight (Kg)

1.45

### Mounting

ceiling pendant

### Wiring

The dimmable electronic components are housed in the luminaire.

Complies with EN60598-1 and pertinent regulations



### Product configuration: MP90

#### Product characteristics

Total lighting output [Lm]: 2479  
Total power [W]: 23.9  
Luminous efficacy [Lm/W]: 103.7  
Life Time: 50,000h - L80 - B10 (Ta 25°C)

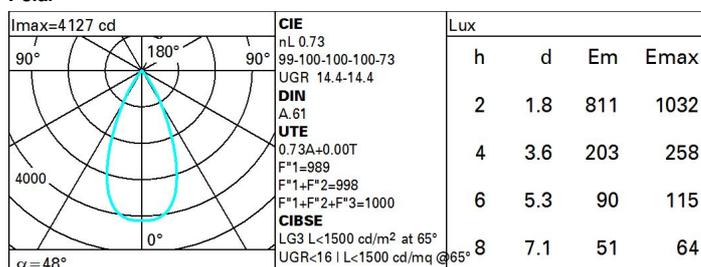
Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

#### Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 73  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 20  
Nominal luminous [Lm]: 3400  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 48°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 3.9  
Colour temperature [K]: 4000  
CRI: 80  
Wavelength [Nm]: /  
MacAdam Step: 2

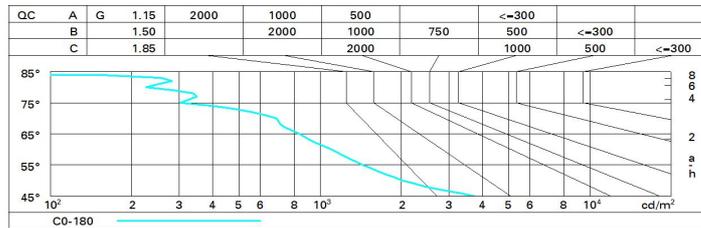
#### Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	66	62	60	58	62	59	59	57	78
1.0	68	65	63	61	65	63	62	60	82
1.5	72	70	68	66	69	67	66	64	88
2.0	74	73	71	70	71	70	70	68	93
2.5	76	74	73	72	73	72	72	70	95
3.0	77	76	75	74	74	74	73	71	97
4.0	77	77	76	76	76	75	74	72	99
5.0	78	77	77	77	76	76	75	73	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3400 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim											
x	y										
2H	2H	15.0	15.5	15.2	15.7	16.0	15.0	15.5	15.2	15.7	16.0
	3H	14.8	15.3	15.1	15.6	15.9	14.8	15.3	15.1	15.6	15.9
	4H	14.8	15.2	15.1	15.5	15.8	14.8	15.2	15.1	15.5	15.8
	6H	14.7	15.1	15.0	15.4	15.8	14.7	15.1	15.0	15.4	15.7
	8H	14.7	15.1	15.0	15.4	15.7	14.6	15.1	15.0	15.4	15.7
12H	14.6	15.0	15.0	15.3	15.7	14.6	15.0	15.0	15.3	15.7	
4H	2H	14.8	15.2	15.1	15.5	15.8	14.8	15.2	15.1	15.5	15.8
	3H	14.6	15.0	15.0	15.4	15.7	14.6	15.0	15.0	15.4	15.7
	4H	14.5	14.9	14.9	15.2	15.6	14.5	14.9	14.9	15.2	15.6
	6H	14.4	14.8	14.9	15.1	15.6	14.4	14.8	14.9	15.1	15.6
	8H	14.4	14.7	14.8	15.1	15.5	14.4	14.7	14.8	15.1	15.5
12H	14.3	14.6	14.8	15.0	15.5	14.3	14.6	14.8	15.0	15.5	
8H	4H	14.4	14.7	14.8	15.1	15.5	14.4	14.7	14.8	15.1	15.5
	6H	14.3	14.5	14.8	15.0	15.5	14.3	14.5	14.8	15.0	15.5
	8H	14.3	14.5	14.7	14.9	15.4	14.3	14.5	14.7	14.9	15.4
	12H	14.2	14.4	14.7	14.9	15.4	14.2	14.4	14.7	14.9	15.4
12H	4H	14.3	14.6	14.8	15.0	15.5	14.3	14.6	14.8	15.0	15.5
	6H	14.3	14.4	14.7	14.9	15.4	14.3	14.4	14.7	14.9	15.4
	8H	14.2	14.4	14.7	14.9	15.4	14.2	14.4	14.7	14.9	15.4
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -14.2					0.1 / -14.2				
	1.5H	0.9 / -15.7					0.9 / -15.7				
	2.0H	10.9 / -16.4					10.9 / -16.4				