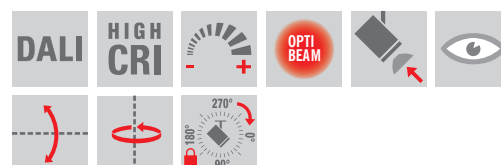




Features

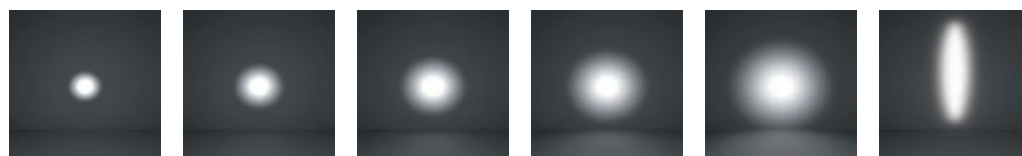


- Installation on three-phase track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Opti Beam interchanging reflectors with high luminous efficiency and uniform distribution.
- LED versions with high color rendering index.
- High visual comfort.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- C.o.B LED versions with passive dissipation.
- Complete with safety glass.



Opti Beam lens
(Superspot optic<8°)

Optics and lamps



SS - Superspot
α 5°-6°-7°

S - Spot
α 10°-15°

M - Medium
α 16°-18°-20°

F - Flood
α 28°-30°-38°

WF - Wide Flood
α 42°-45°-48°

E - Elliptical*

LED	4 - 6 - 10 - 11 - 16W
	19 - 20 - 25 - 27W
	35 - 41 - 46 - 54W

* Elliptical optic is obtained by installing the respective accessories.

LED

- **LED C.o.B.**
- Colour stability
Mac Adam <3
- Life
50000 h **L80 B10**
- Color temperature:
Neutral white **4000K**
Warm white **3000K**

Energy saving

lumen lm	LED	QR CBC 51 		HIT-CE 	
2000	20W	2x50W	80%	-	-
5000	54W	-	-	70W	23%

(3000K) LED energy saving compared with conventional lamps

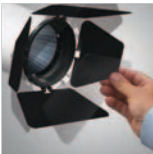
The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. The combination of filters allows the lamp color features to be changed, to make the most of the objects lit or the space. The use of screens eliminates possible glare or stray light, guaranteeing a high level of visual comfort.



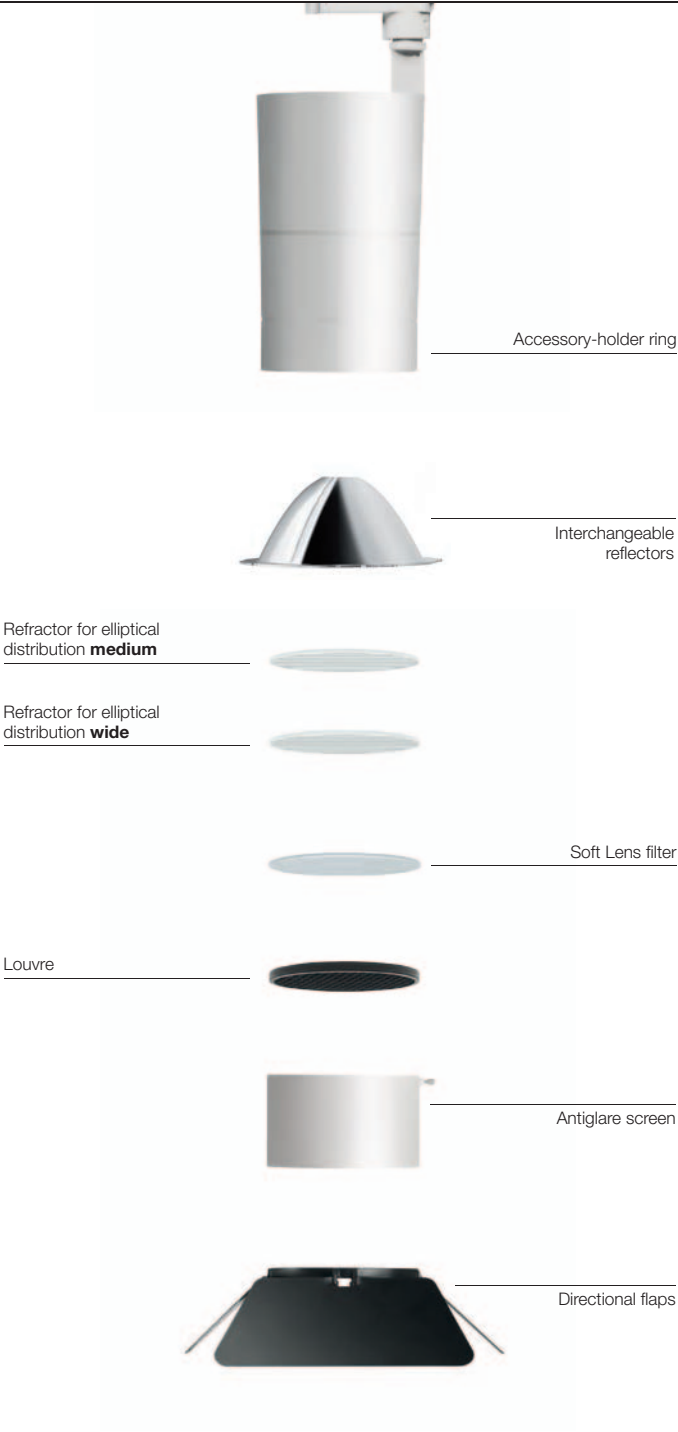
Accessory holder ring



External accessories installation without tools



External accessories with rotation up to 360°





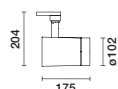
01
WHITE



04
BLACK

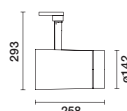
new

Superspot Opti Beam lens optic: available for order from first quarter



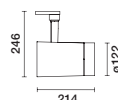
light source	W	lm	optic	code colour
LED new 4000K - CRI 80 - complete with dimmer				
16W	2100	15°	P203	01-04
16W	2100	20°	P204	01-04
16W	2100	38°	P205	01-04
16W	2100	45°	P206	01-04
3000K - CRI 90 - complete with dimmer				
4W	360	6°	**N208	01-04
• 6W	500	7°	*P604	01-04
20W	2000	15°	P207	01-04
20W	2000	20°	P208	01-04
20W	2000	38°	P209	01-04
20W	2000	45°	P210	01-04
4000K - CRI 80 - DALI				
16W	2100	15°	P626	01-04
16W	2100	20°	P627	01-04
16W	2100	38°	P628	01-04
16W	2100	45°	P629	01-04
3000K - CRI 90 - DALI				
4W	360	6°	**P945	01-04
• 6W	500	7°	*P605	01-04
20W	2000	15°	P630	01-04
20W	2000	20°	P631	01-04
20W	2000	38°	P632	01-04
20W	2000	45°	P633	01-04

* Opti Beam lens
** CRI 97



light source	W	lm	optic	code colour
LED 4000K - CRI 80				
41W	5000	16°	MK18	01-04
41W	5000	30°	MK19	01-04
41W	5000	48°	MK20	01-04
3000K - CRI 90				
19W	1500	6°	*N212	01-04
54W	5000	16°	MK26	01-04
54W	5000	30°	MK27	01-04
54W	5000	48°	MK28	01-04
4000K - CRI 80 - DALI				
41W	5000	16°	P236	01-04
41W	5000	30°	P237	01-04
41W	5000	48°	P238	01-04
3000K - CRI 90 - DALI				
19W	1500	6°	*P947	01-04
46W	4500	16°	P242	01-04
46W	4500	30°	P243	01-04
46W	4500	48°	P244	01-04

* CRI 97



light source	W	lm	optic	code colour
LED new 4000K - CRI 80 - complete with dimmer				
25W	3000	10°	MJ90	01-04
25W	3000	18°	MJ91	01-04
25W	3000	28°	MJ92	01-04
25W	3000	42°	MJ93	01-04
3000K - CRI 90 - complete with dimmer				
11W	860	6°	**N210	01-04
• 10W	800	5°	*P606	01-04
35W	2900	10°	MJ98	01-04
35W	2900	18°	MJ99	01-04
35W	2900	28°	MK00	01-04
35W	2900	42°	MK01	01-04
4000K - CRI 80 - DALI				
27W	3000	10°	P224	01-04
27W	3000	18°	P225	01-04
27W	3000	28°	P226	01-04
27W	3000	42°	P227	01-04
3000K - CRI 90 - DALI				
11W	860	6°	**P946	01-04
• 10W	800	5°	*P607	01-04
35W	2900	10°	P232	01-04
35W	2900	18°	P233	01-04
35W	2900	28°	P234	01-04
35W	2900	42°	P235	01-04

* Opti Beam lens
** CRI 97

accessories							
		code	colour	code	colour	code	colour
	Refractor for elliptical distribution						
	medium	MXB7	24	MXB8	24	MXB9	24
	wide	MXC0	24	MXC1	24	MXC2	24
	Refractor for elliptical distribution for Superspot Opti Beam lens optic	MY34	24	MY35	24	---	---
	"Soft Lens" filter	MXD8	24	MXD9	24	MXE0	24
	Louvre	MXF0	04	MXF1	04	MXF2	04
	Louvre for Superspot Opti Beam lens optic	MY90	04	MY91	04	---	---
	Antiglare screen	MXF3	04-47	MXF4	04-47	MXF5	04-47
	Directional flaps	MXF6	04	MXF7	04	MXF8	04
	Ceiling base	MXZ2	01-04	MXZ2	01-04	---	---
	Recessed base Hole for installation 108 mm	MXZ3	01-04	MXZ3	01-04	---	---
	Cover for adapter IP40	MXZ5	01-04	MXZ5	01-04	MXZ5	01-04
		code (α)	colour	code (α)	colour	code (α)	colour
	Interchangeable reflectors for LED						
	spot	MXW5	(15°) 12	MX90	(10°) 12	---	---
	medium	MXW6	(20°) 12	MX91	(18°) 12	MXA6	(16°) 12
	flood	MXW7	(38°) 12	MX92	(28°) 12	MXA7	(30°) 12
	wide flood	MXW8	(45°) 12	MX93	(42°) 12	MXA8	(48°) 12

Palco Wall Washer

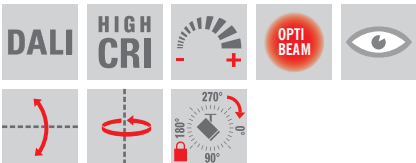
design Artec3 Studio



Features



- Installation on three-phase track and on a ceiling-mounted base.
- Made of die-cast aluminium and thermoplastic material.
- Inclination of 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Complete with asymmetrical wall-washer screen for a uniform wall washing effect from the top down.
- Reflectors in superpure mirrored aluminium with special faceting that improves the distribution of the light beam (Opti Beam).
- Passive heat dissipation.



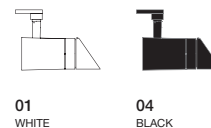
LED

- **LED C.o.B.**
- Colour stability **Mac Adam <3**
- Life 50000 h **L80 B10**
- Color temperature: Neutral white **4000K** Warm white **3000K**

Energy saving

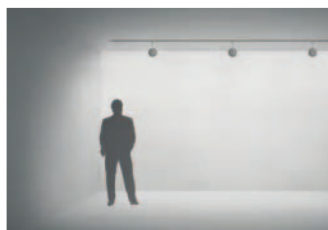
lumen lm	LED	QR CBC 51 		HIT-CE 	
2000	20W	2x50W	80%	-	-
5000	54W	-	-	70W	23%

(3000K) LED energy saving compared with conventional lamps

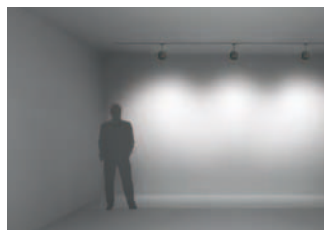


Optic

The innovative wall washer optic (**patented**) has been designed to homogeneously light walls without areas of shadow in the space close to the ceiling.



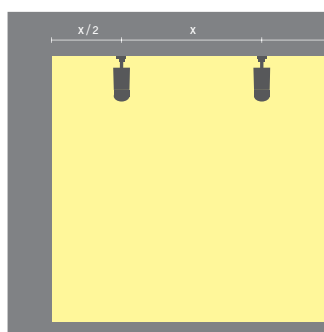
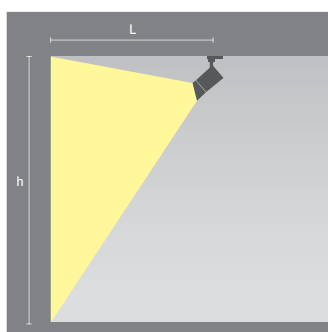
Palco Wall Washer



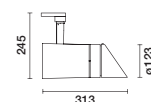
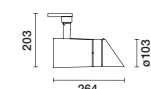
Traditional Wall Washer

Correct installation

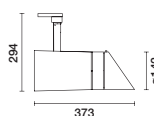
The table shows the correct installation distances for uniform lighting on the wall.



code	x _{max} (m)	L (m)	h (m)
P211 - P212 P634 - P635	0,9	1	2,7
MR61 - MR63 MR67 - MR69 P245 - P247 P248 - P250	1		

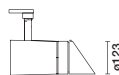
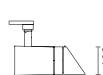


light source	W	lm	code colour
LED			
4000K - CRI 80 - complete with dimmer			
16W	2100		P211 01-04
3000K - CRI 90 - complete with dimmer			
20W	2000		P212 01-04
4000K - CRI 80 - DALI			
16W	2100		P634 01-04
3000K - CRI 90 - DALI			
20W	2000		P635 01-04



light source	W	lm	code colour
LED			
4000K - CRI 80			
41W	5000		MR67 01-04
3000K - CRI 90			
54W	5000		MR69 01-04
4000K - CRI 80 - DALI			
41W	5000		P248 01-04
3000K - CRI 90 - DALI			
46W	4500		P250 01-04

accessories



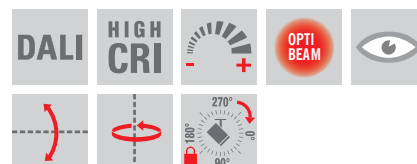
	code	colour	code	colour
Ceiling base	MXZ2	01-04	MXZ2	01-04
Recessed base Hole for installation 108 mm	MXZ3	01-04	MXZ3	01-04
Cover for adapter IP40	MXZ5	01-04	MXZ5	01-04



Features



- Installation on three-phase track.
- Made of die-cast aluminium.
- Inclination of $+10^{\circ}$ - 90° on horizontal plane and 360° rotation around the vertical axis, with mechanical aiming lock.
- Framers with metal gobo $\varnothing 30$ - $\varnothing 40$ mm.
- Small body version: the metal wings used to adjust and shape the light beam are in external position; 360° rotation of the optical assembly with respect to the optical axis.
- Medium body version: the metal wings used to adjust and shape the light beam are in internal position.
- All aiming, focusing and routine maintenance operations can be carried out without using tools.
- Possibility of ordering as accessories: iris with opening from 2.5 to 40 mm for emission of circular light beams; customized gobo made of chemically cut metal; 24x36 mm slides (medium body only).



Focusing



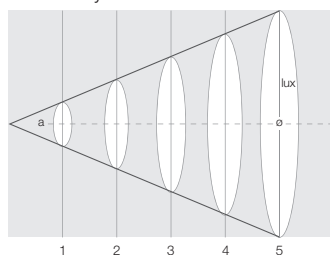
Extractable accessory support (small body)



Mechanical lock and graduated scale

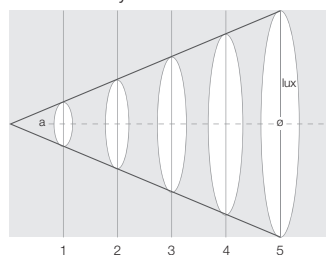
Lighting design values

Small body



m	$\varnothing 30$ ($\alpha = 19$)		$\varnothing 40$ ($\alpha = 26$)	
	$\varnothing$	lux	$\varnothing$	lux
1	0,41	4745	0,45	5936
2	0,68	1708	0,91	1484
3	1,02	759	1,36	668
4	1,36	427	1,82	371
5	1,70	273	2,27	237

Medium body

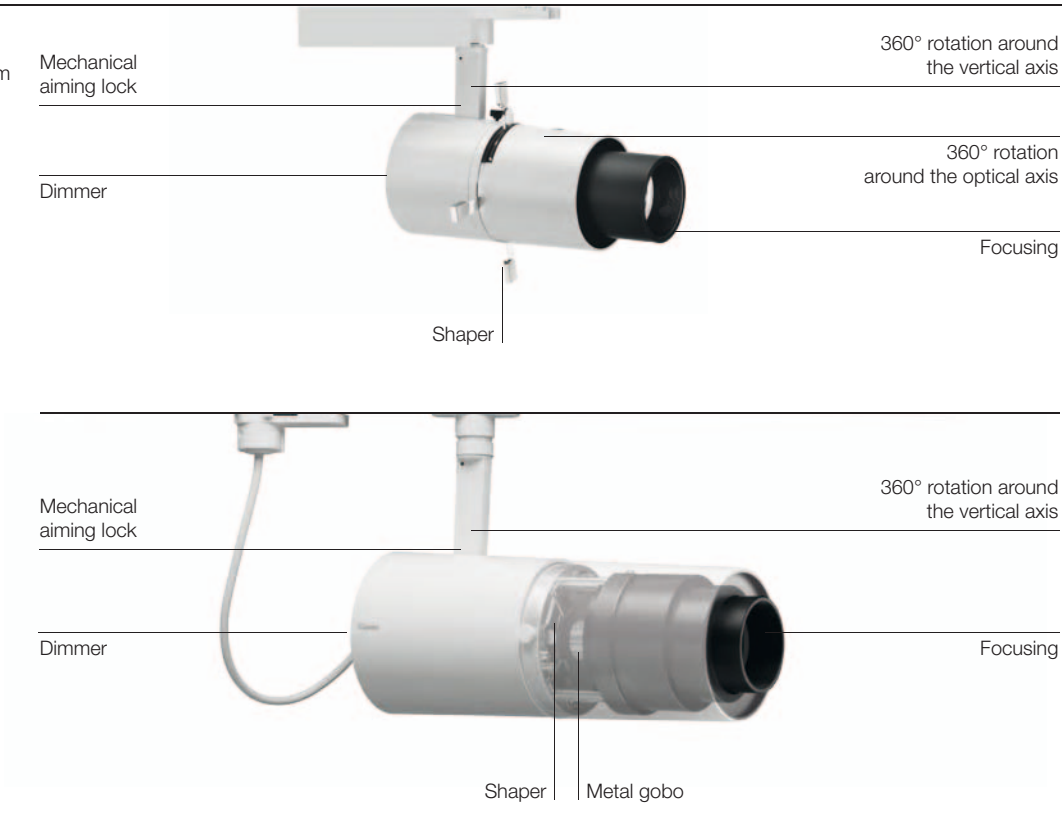


m	$\varnothing 30$ ($\alpha = 19$)		$\varnothing 40$ ($\alpha = 26$)	
	$\varnothing$	lux	$\varnothing$	lux
1	0,34	8072	0,45	6366
2	0,68	2018	0,91	1717
3	1,02	837	1,36	763
4	1,36	504	1,82	429
5	1,70	323	2,27	275

Photometric data refer to the Metal gobo ($\varnothing 30$ and $\varnothing 40$) supplied with the luminaire.

Components

Single-body compact shaper spotlight. A telecentric optics system for maximum system efficiency.



No stray light

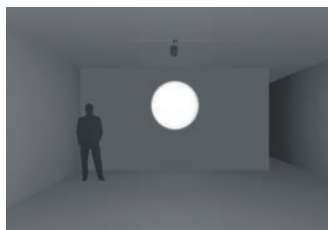
The Palco framer's closed body guarantees that there are no reflections on the ceiling.



Lighting effect

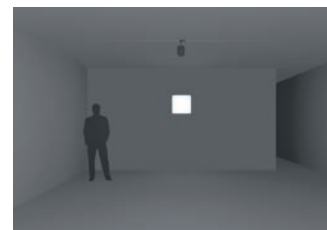
Metal gobo

Available in two different diameters, it is integrated with the product to produce circular shapes.



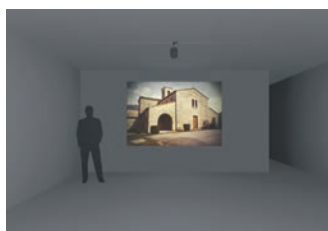
Shaper

Integrated in the product, for creating square or rectangular shapes with variable sides.



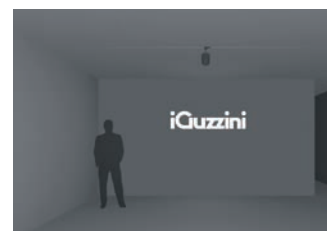
Slide

The accessory allows the use of slides. Only for medium body.



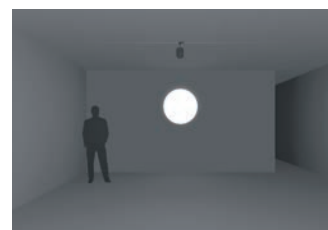
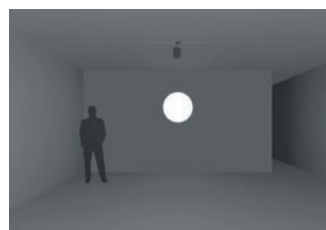
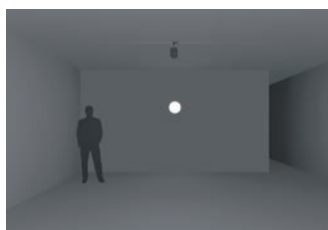
Customized Gobo

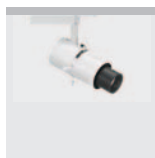
Ideal for producing text, logos or customized images (on request) on walls.

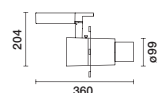


Iris

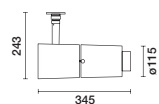
The accessory allows the creation of different sized circular light beams.



	light source	W	lm	code	colour
	LED	3000K - CRI 90 - complete with dimmer			
	21 W	2100		MXJ0	01-04
	3000K - CRI 90 - DALI				
	21 W	2100		P251	01-04
Complete with ø 30 - ø 40 mm Metal gobo and Shaper					



	light source	W	lm	code	colour
	LED	3000K - CRI 90 - complete with dimmer			
	29 W	2500		MR98	01-04
	3000K - CRI 90 - DALI				
	29 W	2500		P252	01-04
Complete with ø 30 - ø 40 mm Metal gobo and Shaper					



accessories

	code	colour
 Iris	MXJ2	00 for MXJ0-P251
 Support for slide 24x36	MXQ0	00 for MR98-P252
 Support complete with iris	MXQ1	00 for MR98-P252