



Low voltage track system with professional directional luminaire for commercial and residential applications. Miniaturised adjustable spotlight with a cantilever horizontal rod. Adapter for a 48V low voltage track integrated. This solution is ideal for lighting paintings and vertical surfaces efficiently. Palco Low Voltage, pleasing aesthetic deliver precise beam distribution with a miniaturized optical technology. The Optibeam technology delivers professional grade distributions with uniform color consistency, precise beam definition and effective cut off to reduce glare. Ideal for application in exhibition spaces, retail, hospitality and residences.

Luminaire characteristic:

Power input: from 3.4W or 9.6W
Lumens: Up to 537lm (for 3000K, 90CRI)
Luminaire efficacy: Up to 56lm/W

Source:

White LED (LM-80)
2700K: 90CRI,
3000K: 90CRI,
3500K: 90CRI,
4000K: 90CRI.

Lumen maintenance:

80% of initial lumens at 50 000 hours (L80).

Optic:

Available in medium and wide flood.
Aluminum support rod with adjustable -10° / +45° tilting and mechanical locking. The swivel joint at the end of the rod allows the spotlight to be rotated horizontally by 90° in the opposite direction and tilted vertically by 0° - 90°.

Material:

Body: Die-cast zamak for size Ø19mm, die-cast aluminum for size Ø37mm.
Adapter: Thermoplastic material,
High definition lens: Thermoplastic.

Mounting:

Mechanical fastening with adapter on low voltage track 48V, the structure is secured mechanically to the track with an adapter and a "turn & block" safety system. Fixture can only be mounted on iGuzzini low voltage track (to be ordered separately).

Electrical:

iGuzzini low voltage 48V DC track system.

Dimming:

0-10V Single channel for complete track control.
DALI individual fixture addressing and control.
Refer to iGuzzini low voltage track specification for dimming options.

Finish:

White RAL9010 or black painted finish.

Weight:

Ø19mm: 0.41lb (0.19kg)
Ø37mm: 0.44lb (0.20kg)

Warranty:

5 year limited warranty.

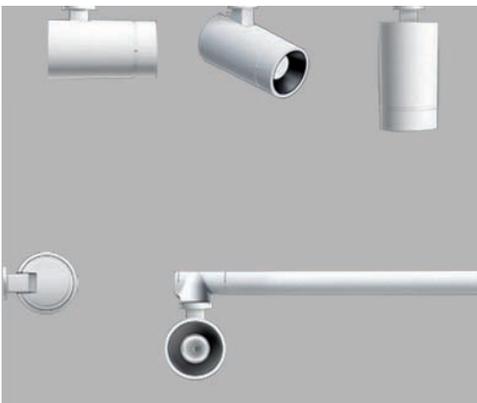
Rating:

IP20

Certification:



cULus listed for dry location.



ORDERING INFO



PRODUCT CODE

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INSTALLATION	MODEL	LED	OPTIC	FINISH
R On rod	19 Palco LV Ø 19mm (3/4")	927 2700K, 90CRI	MD Medium - Ø 19mm (24°) - Ø 37mm (24°)	01 White
	37 Palco LV Ø 37mm (1 1/2")	930 3000K, 90CRI		02 Black
	935 3500K, 90CRI	WF Wide flood - Ø 37mm (44°)		
	940 4000K, 90CRI			

ACCESSORIES (TO BE ORDERED SEPARATELY)

IMZ47-24 - Elliptical lens for Palco LV Ø 37mm (1 1/2")



IMZ43-02 - Black honeycomb louver for Palco LV Ø 37mm (1 1/2")



IMZ49-02 - Black spill-ring louver for Palco LV Ø 37mm (1 1/2")



IMZ48-01 - White/black cylindrical screen for Palco LV Ø 37mm (1 1/2")

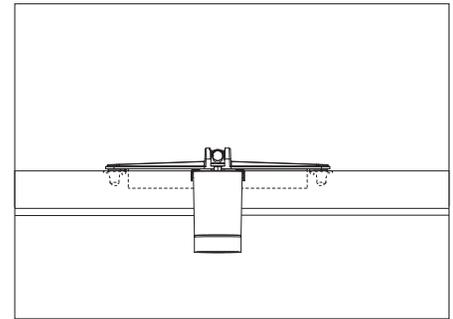
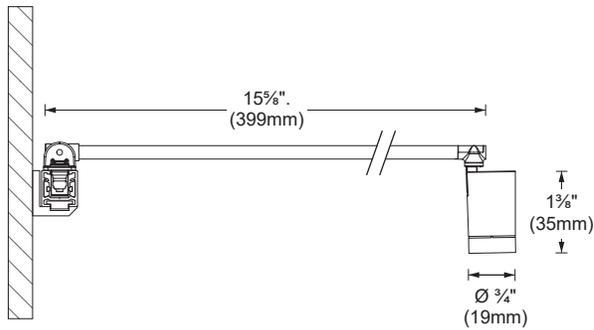


IMZ48-02 - Black cylindrical screen for Palco LV Ø 37mm (1 1/2")

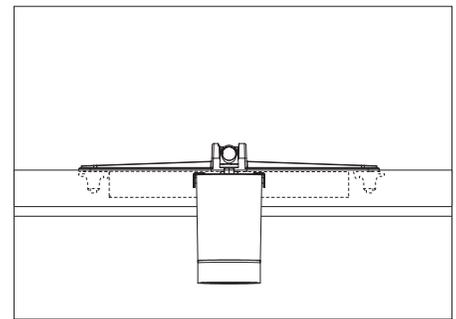
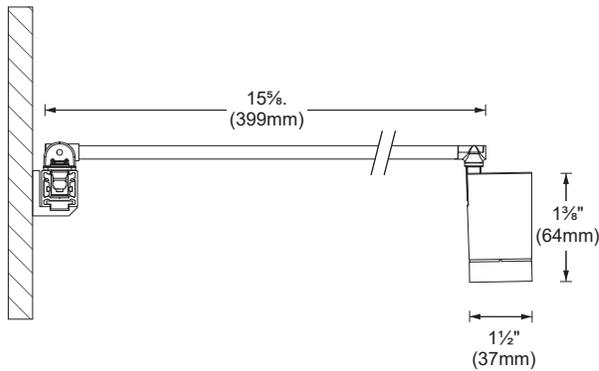
DIMENSIONS

Consult installation sheet INS-294 for spacing.

PALCO LV Ø 19mm (¾") on rod



PALCO LV Ø 37mm (1 1/2") on rod



SIDE VIEW

FRONT VIEW

LED COLOR FIDELITY DATA

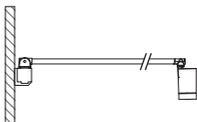
CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
2700K	94	94	91	93	93	92	93	88	70	84	94	82	94	94	92	88	104	0.456
3000K	97	96	93	94	96	94	95	92	82	89	94	86	97	95	96	90	104	0.538
3500K	99	99	98	98	98	97	97	96	93	99	99	83	99	98	98	92	99	0.666
4000K	94	94	93	94	96	94	95	91	74	85	93	72	93	96	92	91	99	0.744

PHOTOMETRIC DATA

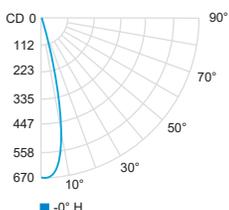
Visit iguzzini.com/us for complete photometric data.

PALCO LV Ø 19mm (3/4") ON ROD

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / w)	MAX CANDELA (cd)	MODEL
3000K	90	3.4W	Medium 24°	127	37	660	IPLC-LVR-19-930-MD



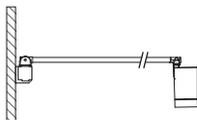
Medium 24° (3000K, 90 CRI)



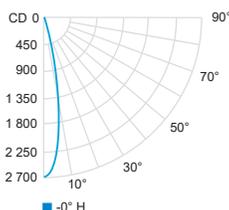
Center Beam fc	Beam Width ft
165	0.8
41.3	1.7
18.3	2.5
10.3	3.4
6.60	4.2
4.58	5.1

PALCO LV Ø 37mm (1 1/2") ON ROD

CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / w)	MAX CANDELA (cd)	MODEL
			Medium 24°	537	56	2 641	IPLC-LVR-37-930-MD
3000K	90	9.6W	Wide Flood 45°	474	49	862	IPLC-LVR-37-930-WF

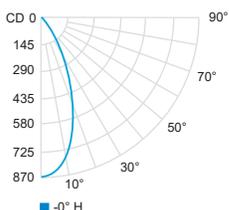


Medium 24° (3000K, 90 CRI)



Center Beam fc	Beam Width ft
660	0.9
165	1.7
73.4	2.6
41.3	3.5
26.4	4.4
18.3	5.2

Wide Flood 45° (3000K, 90 CRI)



Center Beam fc	Beam Width ft
216	1.7
53.9	3.3
23.9	5.0
13.5	6.7
8.62	8.4
5.99	10.0

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	0.96	1	1.04	1.07