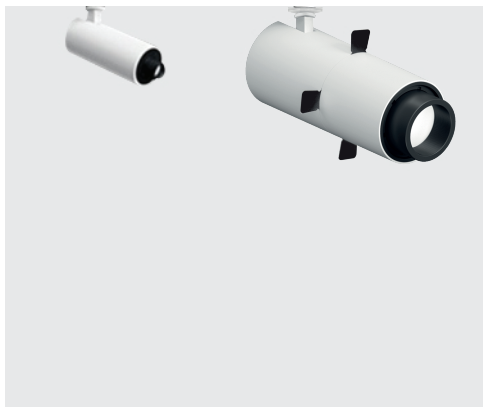




Low voltage track system with professional directional luminaire for commercial and residential applications. The miniature 48V track is designed for ceiling, wall or pendant application (with Remote power supply). Palco Low Voltage Framer pleasing aesthetic deliver precise beam distribution with a miniaturized optical technology. The innovative optic system, combined with the option of manual adjustment provides sharp and precise wall illumination with no halo effects or soft edges. The optical assembly is secured to the technical body with a rapid and practical magnetic system. Ideal for application in exhibition spaces, retail, hospitality and residences.

Luminaire characteristic:

Power input: 3.4W or 8W
Lumens: Up to 163lm (for 3000K, 90CRI)
Luminaire efficacy: Up to 20lm/W

Source:	White LED (LM-80 tested) 2700K: 90CRI, 3000K: 90CRI, 3500K: 90CRI, 4000K: 90CRI.
Lumen maintenance:	80% of initial lumens at 50 000 hours (L80).
Optic:	Adjustable optic using included metal gobos and flaps. see page 3 for details. 355° vertical (pan), and 90° horizontal (tilt) pivoting axes. High level of visual comfort.
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. 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: 0.18lb (0.08kg) Ø37mm: 0.42lb (0.19kg)
Warranty:	5 year limited warranty.
Rating:	IP20
Certification:	cULus listed for dry location.



ORDERING INFO

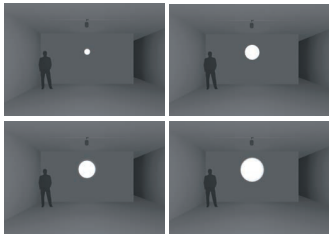


PRODUCT CODE			INSTALLATION CODE	
INSTALLATION	MODEL	LED	OPTIC	FINISH
1 Single	19 Palco LV Framer Ø 19mm (3/4")	927 2700K, 90CRI	FR Framer	01 White
	37 Palco LV Framer Ø 37mm (1 1/2")	930 3000K, 90CRI		02 Black
		935 3500K, 90CRI		
		940 4000K, 90CR		

LIGHTING EFFECT

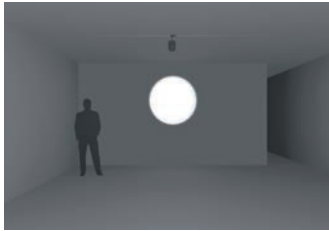
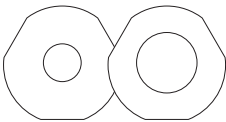
PALCO LV FRAMER Ø 19mm (3/4")

Supplied with 4 circular Gobos (Ø 2/3/4/5mm).
Custom Gobo available upon request.
Manual focusing by rotation of the lens.



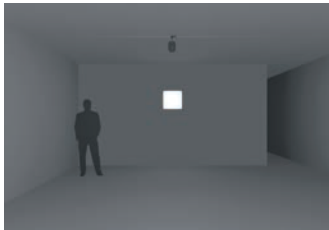
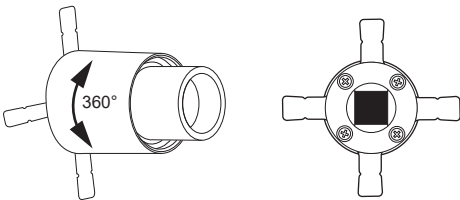
PALCO LV FRAMER Ø 37mm (1 1/2")

Supplied with 2 circular Gobos (Ø 5/10mm).
Custom Gobo available upon request.
Manual focusing by rotation of the lens.



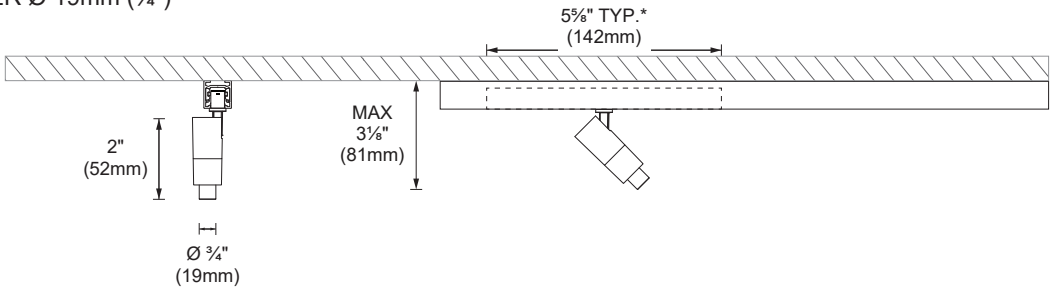
SHAPER

Integrated in the product, for creating square or rectangular shapes with variable sides.
Can rotate 360°.

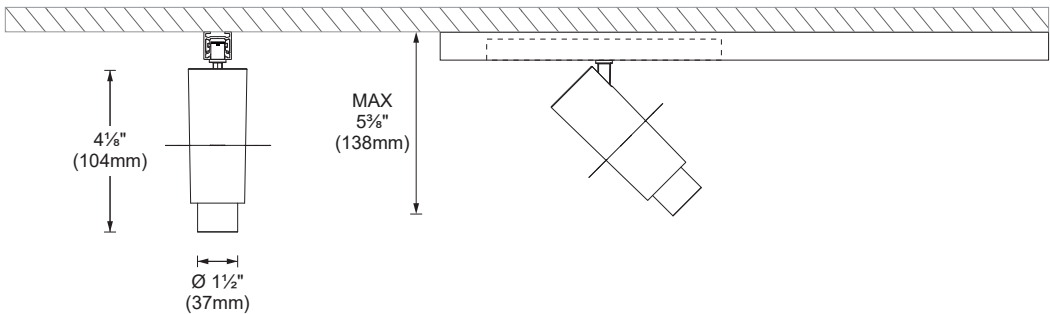


DIMENSION

PALCO LV FRAMER Ø 19mm (¾")



PALCO LV FRAMER Ø 37mm (1½")



*Minimal distance between projector is 5 3/4" due to the track adapter length.

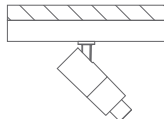
LED COLOR FIDELITY DATA

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

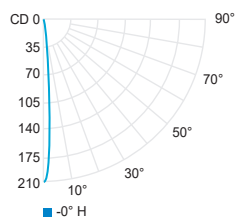
Visit iguzzini.com/us for complete photometric data.

PALCO LV FRAMER Ø 19mm (¾")



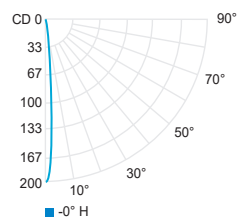
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / w)	MAX CANDELA (cd)	MODEL
3000K	90	3.4W	Framer GOBO Ø2	3.8	1	202	IPLC-LV1-19-930-FR
			Framer GOBO Ø3	7.6	2	192	IPLC-LV1-19-930-FR
			Framer GOBO Ø4	13	4	225	IPLC-LV1-19-930-FR
			Framer GOBO Ø5	17	5	228	IPLC-LV1-19-930-FR

GOBO Ø2 (3000K, 90CRI)



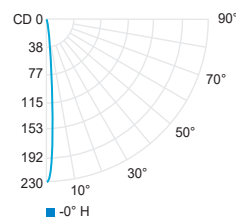
	Center beam fc	Beam width ft
2ft	50.5	0.3
4ft	12.6	0.6
6ft	5.61	0.9
8ft	3.16	1.2
10ft	2.02	1.5
12ft	1.40	1.8

GOBO Ø3 (3000K, 90CRI)



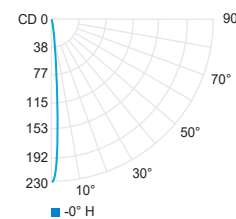
	Center beam fc	Beam width ft
2ft	48	0.4
4ft	12	0.9
6ft	5.34	1.3
8ft	3.00	1.7
10ft	1.92	2.2
12ft	1.33	2.6

GOBO Ø4 (3000K, 90CRI)



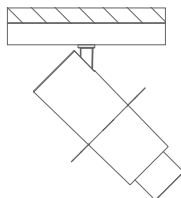
	Center beam fc	Beam width ft
2ft	56.3	0.3
4ft	14.1	0.6
6ft	6.26	0.9
8ft	3.52	1.2
10ft	2.25	1.5
12ft	1.56	1.8

GOBO Ø5 (3000K, 90CRI)



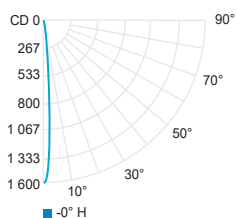
	Center beam fc	Beam width ft
2ft	57	0.3
4ft	14.3	0.6
6ft	6.33	0.9
8ft	3.56	1.2
10ft	2.28	1.5
12ft	1.58	1.8

PALCO LV FRAMER Ø 37mm (1½")



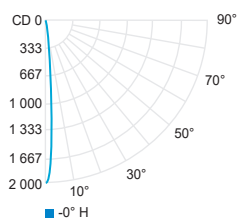
3000K	90	8W	Framer GOBO Ø5	28	3	1 543	IPLC-LV1-37-930-FR
			Framer GOBO Ø10	135	17	1 970	IPLC-LV1-37-930-FR

GOBO Ø5 (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	386	0.2
4ft	96.5	0.5
6ft	42.9	0.7
8ft	24.1	1.0
10ft	15.4	1.2
12ft	10.7	1.5

GOBO Ø10 (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	493	0.6
4ft	123	1.1
6ft	54.7	1.7
8ft	30.8	2.2
10ft	19.7	2.8
12ft	13.7	3.4

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	0.94	1	1.02	1.05