




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 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. Wide range of distributions including Wall washer, Flood, Medium and Spot. Ideal for application in exhibition spaces, retail, hospitality and residences.

Luminaire characteristics:

Power input: From 3.4W to 15.9W (system wattage)
Lumens: 116lm to 949lm (for 3000K, 90CRI)
Luminaire efficacy: Up to 60lm/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)(LM-79).
Optics:	Spot, medium, flood, wide flood and wall washer. 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 and Ø51mm. Adapter: Thermoplastic material, High definition lens: Thermoplastic.
Mounting:	Mechanical fastening with adapter on low voltage track 48V, available in single or double miniaturised adjustable spotlights. 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: 0.1 to 0.2lb (0.06 to 0.09kg) Ø37mm: 0.2lb (0.1kg) Ø51mm: 0.61 to 0.63lb (0.28 to 0.29kg)
Warranty:	5 year limited warranty.
Ratings:	IP20
Certification:	 cULus listed for dry location.

ORDERING INFO



PRODUCT CODE

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INSTALLATION	MODEL	LED	OPTIC	FINISH
1 Single	19 Palco LV Ø 19mm (3/4")	927 2700K, 90CRI	SP Spot - Ø 19mm (14°) - Ø 37mm (15°) - Ø 51mm (14°)	01 White
2¹ Double	37 Palco LV Ø 37mm (1 1/2")	930 3000K, 90CRI	MD Medium - Ø 19mm (24°) - Ø 37mm (24°)	02 Black
	51 Palco LV Ø 51mm (2")	935 3500K, 90CRI	FL Flood - Ø 51mm (28°)	
		940 4000K, 90CRI	WF Wide flood - Ø 37mm (45°) - Ø 51mm (40°)	
			WW Wall washer - Ø 51mm	

¹ Only available for the Palco LV Ø 19mm (19).

ACCESSORIES (TO BE ORDERED SEPARATELY)

* NOT AVAILABLE FOR WALL WASHER MODELS.

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

☐ **IMZ50-24** - Elliptical lens for Palco LV Ø 51mm (2")



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

☐ **IMZ45-02** - Black honeycomb louver for Palco LV Ø 51mm (2")



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

☐ **IMZ52-02** - Black spill-ring louver for Palco LV Ø 51mm (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")

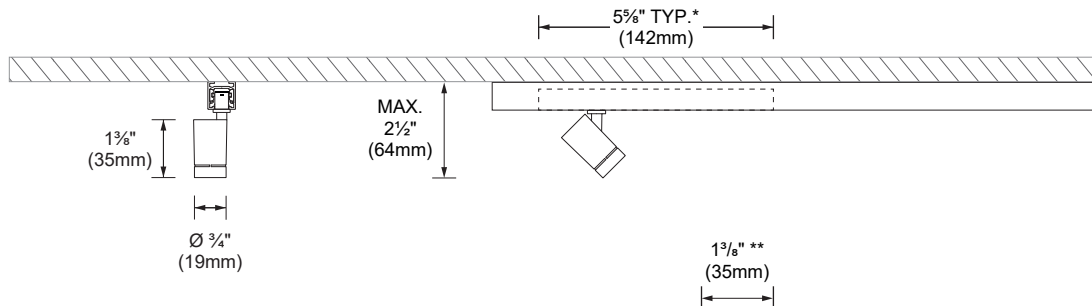


☐ **IMZ51-01** - White/black cylindrical screen for Palco LV Ø 51mm (2")

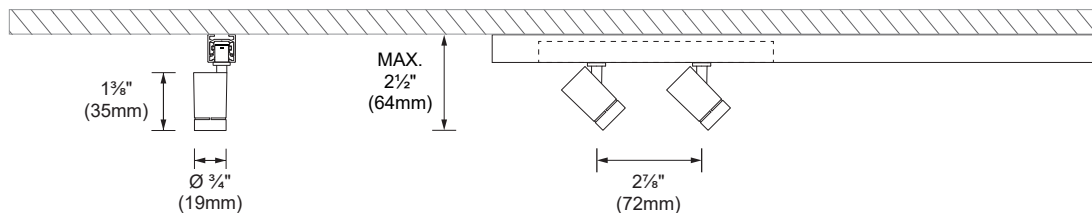
☐ **IMZ51-02** - Black cylindrical screen for Palco LV Ø 51mm (2")

DIMENSIONS

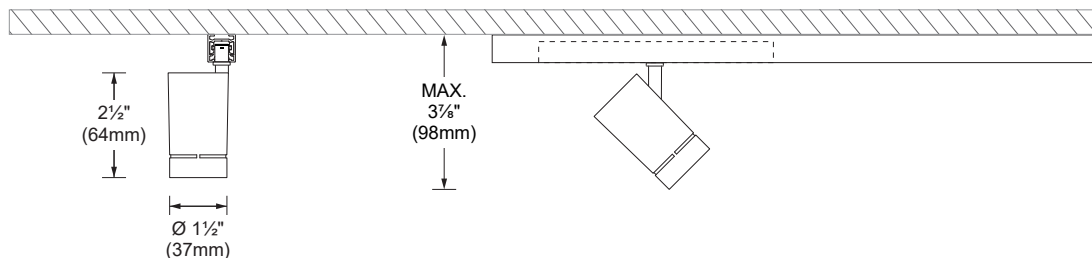
PALCO LV Ø 19mm (3/4")



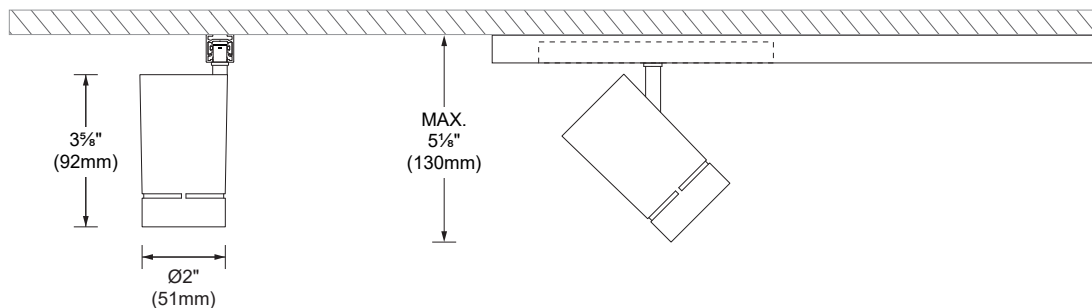
PALCO LV Ø 19mm (3/4") DOUBLE



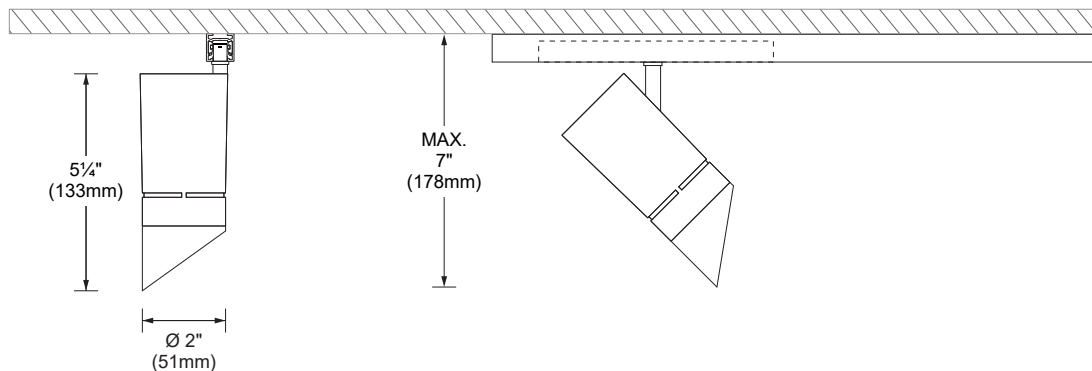
PALCO LV Ø 37mm (1 1/2")



PALCO LV Ø 51mm (2")



PALCO LV Ø 51mm (2") WALL WASHER



*Minimal distance between projector is 5 3/4" due to the track adapter length.
**Minimal distance between projector is 2 3/4" due to the track adapter length.

LED COLOR FIDELITY DATA

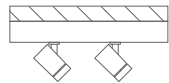
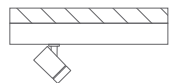
CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
2700K	94	94	91	93	93	92	93	88	70	84	94	82	94	94	92	88	104	0.456
3000K	97	96	93	94	96	94	95	92	82	89	94	86	97	95	96	90	104	0.538
3500K	99	99	98	98	98	97	97	96	93	99	99	83	99	98	98	92	99	0.666
4000K	94	94	93	94	96	94	95	91	74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

PHOTOMETRIC DATA

Visit iguzzini.com/us for complete photometric data.

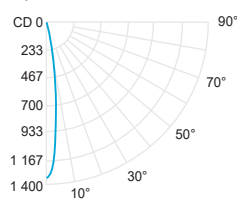
* Refers to one lamp

PALCO LV Ø 19mm (3/4")



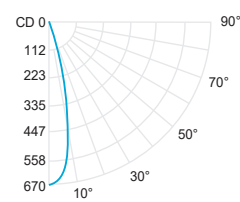
CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	3.4W (5.4W for double)	Spot 14°	116	34	1 394	IPLC-LV1-19-930-SP
			Medium 24°	127	37	660	IPLC-LV1-19-930-MD

Spot 14° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	349	0.5
4ft	87.2	0.9
6ft	38.7	1.4
8ft	21.8	1.8
10ft	13.9	2.3
12ft	9.68	2.8

Medium 24° (3000K, 90CRI)



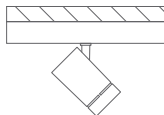
	Center beam fc	Beam width ft
2ft	165	0.8
4ft	41.3	1.7
6ft	18.3	2.5
8ft	10.3	3.4
10ft	6.60	4.2
12ft	4.58	5.1

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	0.96	1	1.05	1.07

PHOTOMETRIC DATA

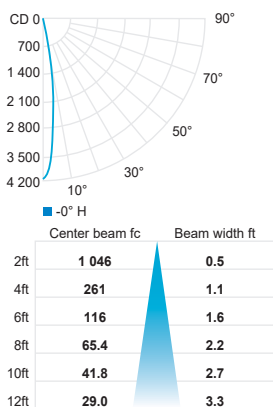
Visit iguzzini.com/us for complete photometric data.

PALCO LV Ø 37mm (1½")

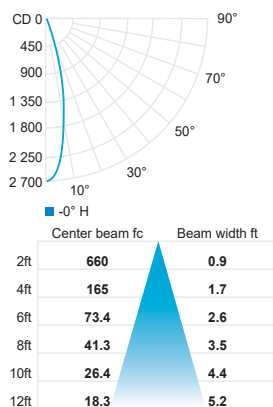


CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	9.6W	Spot 15°	474	49	4 183	IPLC-LV1-37-930-SP
			Medium 24°	537	56	2 641	IPLC-LV1-37-930-MD
			Wide flood 45°	474	49	862	IPLC-LV1-37-930-WF

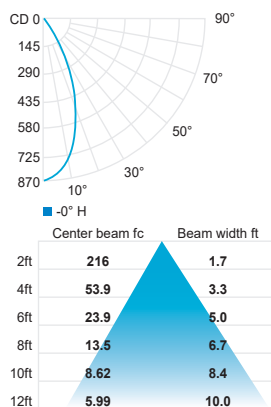
Spot 15° (3000K, 90CRI)



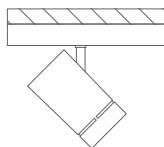
Medium 24° (3000K, 90CRI)



Wide flood 45° (3000K, 90CRI)

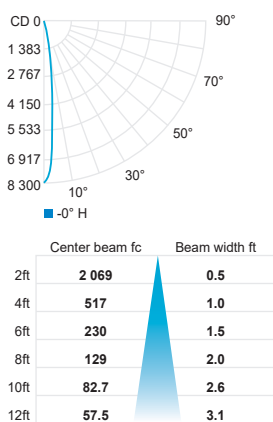


PALCO LV Ø 51mm (2")

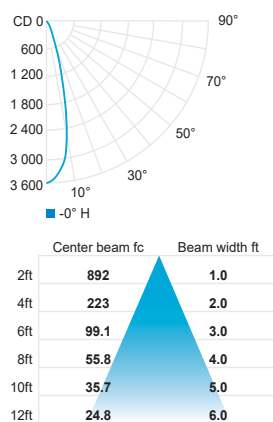


CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	15.9W	Spot 14°	949	60	8 274	IPLC-LV1-51-930-SP
			Flood 28°	934	59	3 568	IPLC-LV1-51-930-FL
			Wide flood 40°	861	54	1 757	IPLC-LV1-51-930-WF

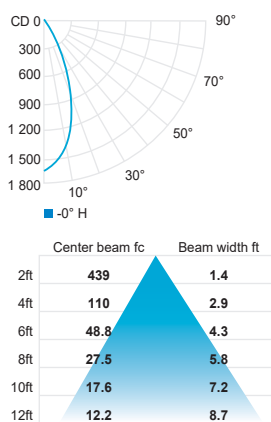
Spot 14° (3000K, 90CRI)



Flood 28° (3000K, 90CRI)



Wide flood 40° (3000K, 90CRI)

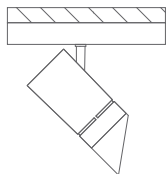


CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	0.96	1	1.05	1.07

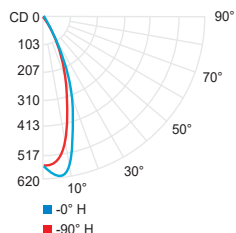
PHOTOMETRIC DATA

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PALCO LV Ø 51mm (2")



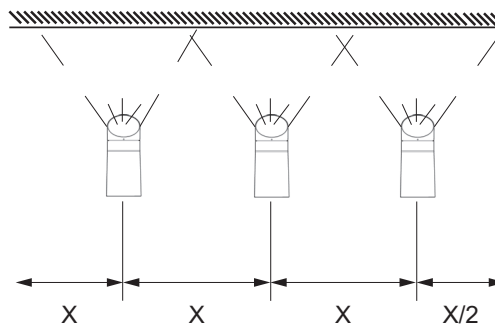
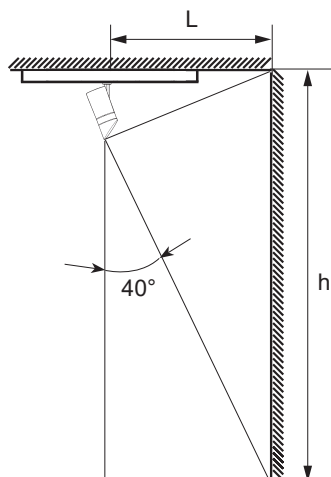
Spot 16° (3000K, 90CRI)



CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	90	15.9W	Wall washer	278	17	617	IPLC-LV1-51-930-WW

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	0.96	1	1.03	1.07

SPACING



ART	L In (m)	X MAX In (m)	h In (m)
IPLC-LV1-51-XXX-WW Q652 - Q653 -QX09 -RL50	39 (1)	27 (0.7)	106 (2.7)