

GOLINE 80 High Power LED Line Projector.



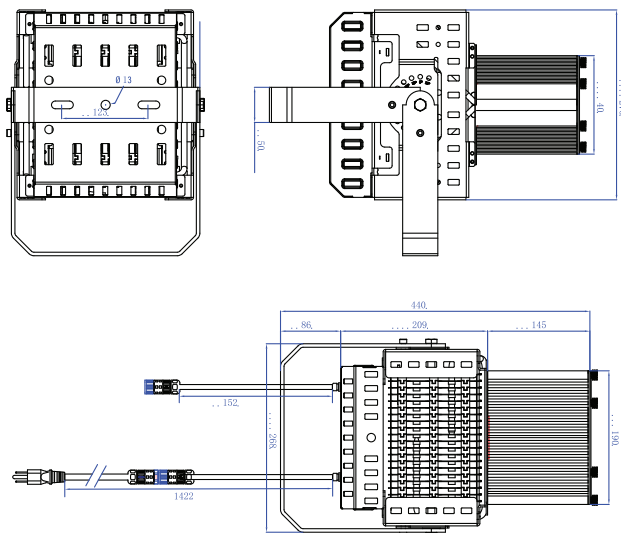
Purpose.

Long-term alternative to painted and tape lines. Projects a thick, permanent floor line that eliminates the need for maintenance required by floor tape and paint lines.

- Designed for Industrial Environments (IP65 rated)
- Wide power range
- Suitable for environments -25°C to +50°C
- Maintenance free, no fans or motors
- Adjustable line length option.

Dimensions & Weight.

Dimensions in mm Weight: 5.3kg



Specifications.

Item Codes	49-PL80		
Power Supply	100-240/277VAC, 50/60Hz (Volt.Range: 90-305VAC, 48-63Hz; 127-431VDC)		
Power Draw	80W, 0.7A/115V, 0.3/277V		
Inrush Current	COLD START 75A (t width=570us at 50% I peak) at 230VAC per NEMA 410		
Units per Breaker	20A Type C: 11 units, 16A Type C: 9 units		
Power Cord	Length: 72" (1.8m), Plug: Nema 5-15 (cord is interchangeable)		
Control Input Signals	1-10V, 10-100Kohm, PWM, Dry Switch (for on/off or dimming)		
Environmental Rating	Driver: IP67, Projector: IP65		
Safety Standards	EC: EN IEC 60598-1:2021, N IEC 60598-2-1:2021, Driver: UL E334687		
Driver	Meanwell HLG or MOSO		
Temperature Range	-13°F to 104°F (-25°C to 50°C)		
Lamp Type	80W LED, multiple colours		
Rated Life	LED: 35,000h (L70*), Driver: 192,000h (*L70= the time to 30% brightness loss)		
Projection Colours	Yellow, Green, Red, Blue, Orange (colours are pre-configured and not interchangeable)		
Line Width	75 to 125mm depending on projection distance		
Projection Lenses	53° (1:0.93 throw ratio) 73° (1:1.4 throw ratio) 90° (1:1.86 throw ratio)		
Typ.projection range	Bright Env.	Average Env.	Dim. Env.
Typ.Usable Line Length	8.5m	11m	18m
At typ. distance (dep. on lens)	4.6/6.3/ 9m	6/10/12m	9.7/13/19m
Line Length Adjustment	Yes, with optional blinders (the min. length is approx. 30% of full line length)		
Product Warranty	2 years from date of purchase		




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Photometrics.

Model Gobo	Lens	Beam Mult	Value	Projection Distance in meters (mt)											
				2,75	3,66	4,575	6,1	7,32	9,15	11	11,9	14	15,9	18,3	20,1
GOLINE 80 Yellow and Green	53°	0,93	Size (mt)	2,56	3,42	4,27	5,67	6,80	8,51	10,22	10,98	13,12	14,64	17,08	18,61
			Brightn(lux)	7380,00	4151,25	2658,05	1493,20	1039,77	664,51	461,25	390,89	281,44	218,90	164,17	140,72
	73°	1,4	Size (mt)	3,84	5,12	6,41	8,54	10,25	12,81	15,37	16,65	19,64	22,20	25,62	28,18
			Brightn(lux)	6930,00	3896,18	2493,55	1402,62	976,64	623,39	436,37	374,03	270,13	207,80	155,85	124,68
	90°	1,86	Size (mt)	5,09	6,80	8,51	11,35	13,73	17,08	20,44	22,27	26,23	29,59	34,16	37,52
			Brightn(lux)	5560,00	3130,00	2000,00	1130,00	780,00	500,00	350,00	300,00	210,00	170,00	130,00	100,00
GOLINE 80 Yellow and Green	53°	0,93	Size (mt)	2,56	3,42	4,27	5,67	6,80	8,51	10,22	10,98	13,12	14,64	17,08	18,61
			Brightn(lux)	10220,00	5750,67	3678,46	2072,20	1434,60	919,62	637,60	545,64	392,37	306,54	232,97	190,05
	73°	1,4	Size (mt)	3,84	5,12	6,41	8,54	10,25	12,81	15,37	16,65	19,64	22,20	25,62	28,18
			Brightn(lux)	8640,00	4861,22	3111,18	1750,04	1218,54	777,79	537,97	460,20	330,56	259,25	194,45	162,04
	90°	1,86	Size (mt)	5,09	6,80	8,51	11,35	13,73	17,08	20,44	22,27	26,23	29,59	34,16	37,52
			Brightn(lux)	7200,00	4047,30	2591,26	1456,04	1011,83	647,81	450,39	382,52	277,63	215,94	160,41	135,73

	Extreme brightness for extremely bright environments, extremely bright production environments
	Very high brightness for very bright environments, such as very bright production floor.
	The most common brightness bracket for regular production floors and modern warehouses.
	Sufficient brightness for bright and medium bright warehouses.
	Sufficient brightness for dim warehouses and facilities.



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