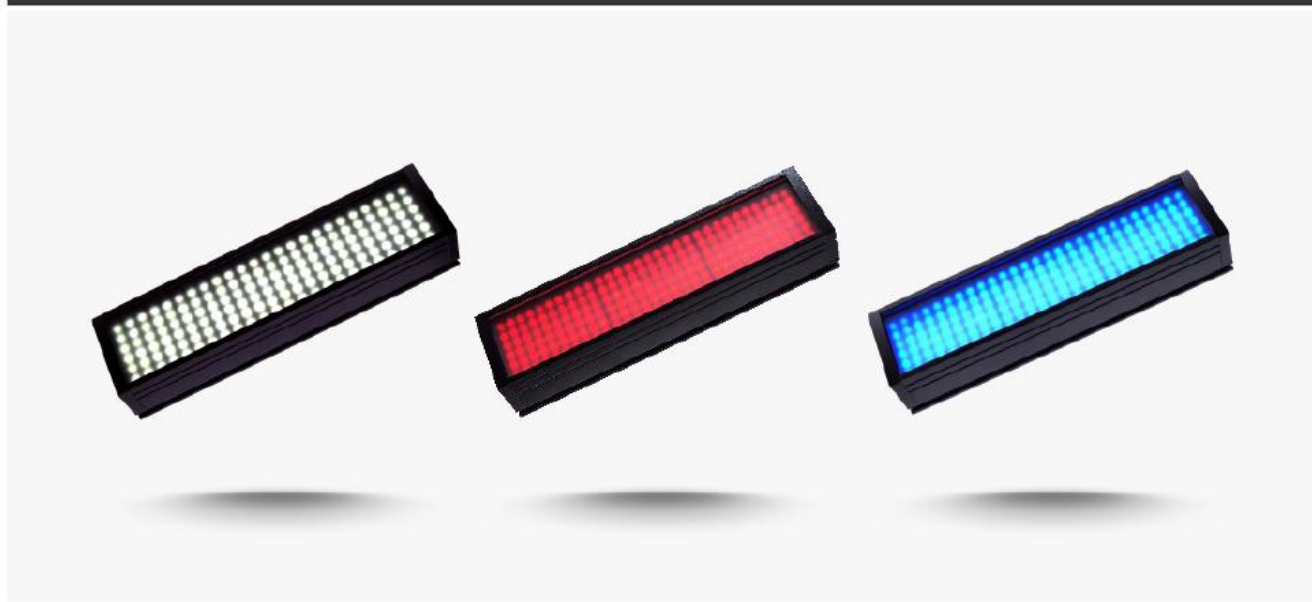




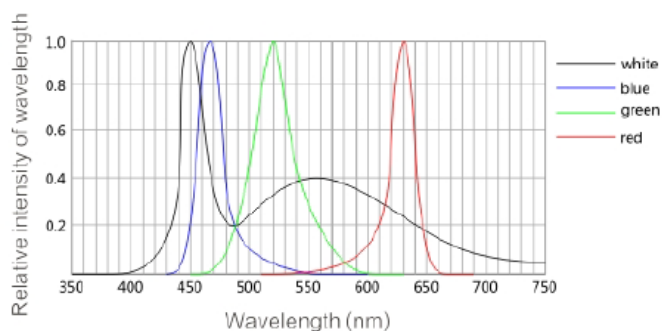
Product Features

- ◆ The irradiation angle can be adjusted freely according to the detection requirements;
- ◆ The color of the light source can be selected according to the detection requirements;
- ◆ Multiple strip light sources can be freely combined.

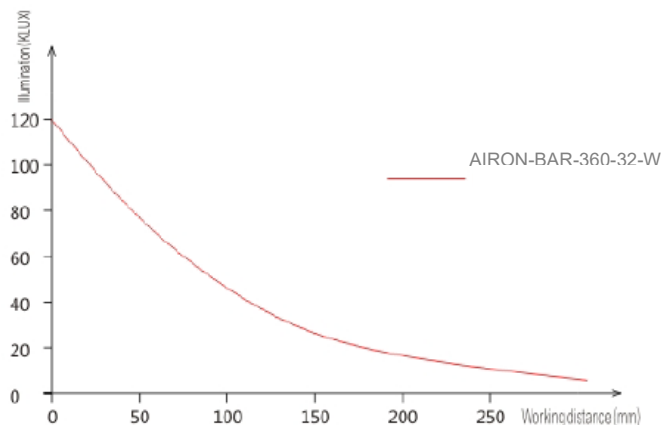
Application scope

- ◆ Wide field of vision shining;
- ◆ Character recognition;
- ◆ Appearance inspection.

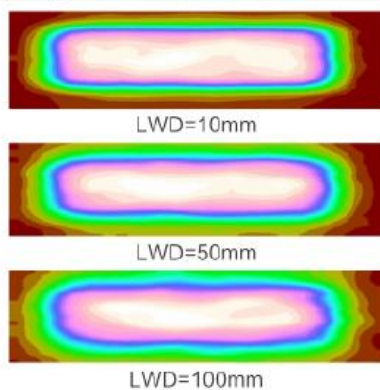
Spectral diagram



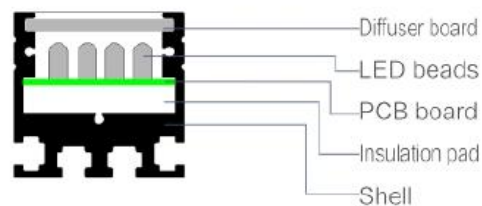
Illumination map



Uniformity diagram



Sectional structure diagram



Note: This image is only for illustration purposes and may not be identical to the actual product

Bar Light Series—Bar light

Wavelength/ Color Temperature	Red (R)	620~630nm	Green (G)	520~530nm
	Blue (B)	460~470nm	White (W)	6500 ± 500K
	Infrared (IR)	850/940nm	Ultraviolet (UV)	365~405nm
Save environment	humidity	-20~60℃	humidity	20~80% (non condensing)
Usage environment		0~40℃		
Select accessories	Light source extension cable			
Service life/warranty	When the ambient temperature is 25 ℃, the brightness of the light source will decrease by less than 30% after 10000 hours of use (excluding ultraviolet)			
	When the ambient temperature is 25 ℃, the 100% brightness of the ultraviolet light source will decay by less than 30% after 1000 hours of use			
	Within one year of shipment, if there is a malfunction due to non-human factors, free repair or replacement services will be provided			

Application case of strip light source



analyte



Lighting diagram

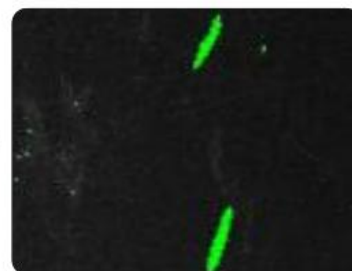


Testing item: Defect detection of alumina parts

Content	Defect detection of alumina parts
Tested item	Oxidized aluminum plate
Difficulties in the plan	Large field of view and significant background interference
Application	AIRON-BAR-360-32-W
Light sourceresult	Defect imaging is obvious, and defect location recognition is accurate



Imaging rendering

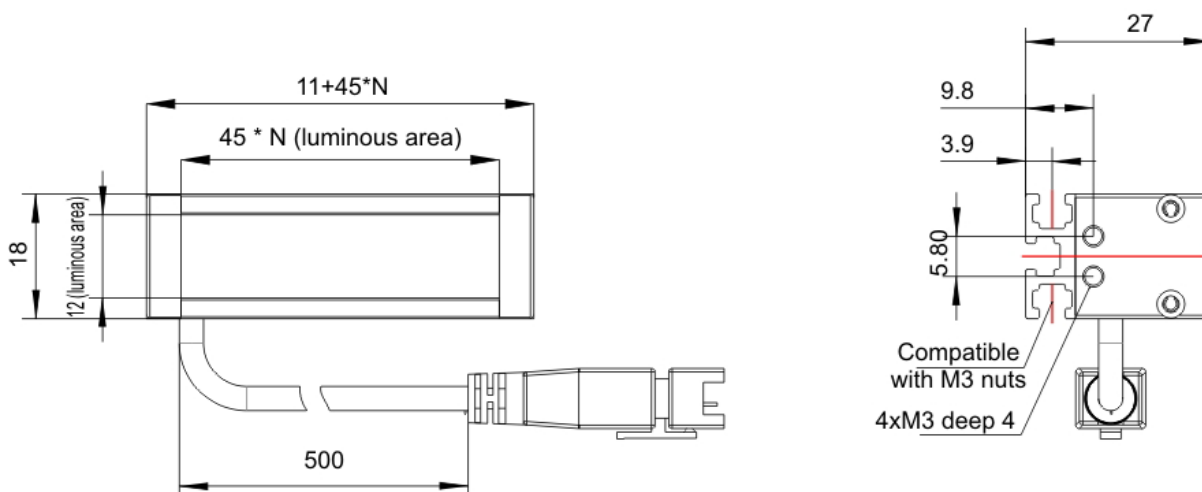


Software processing rendering

Product dimension diagram (mm)

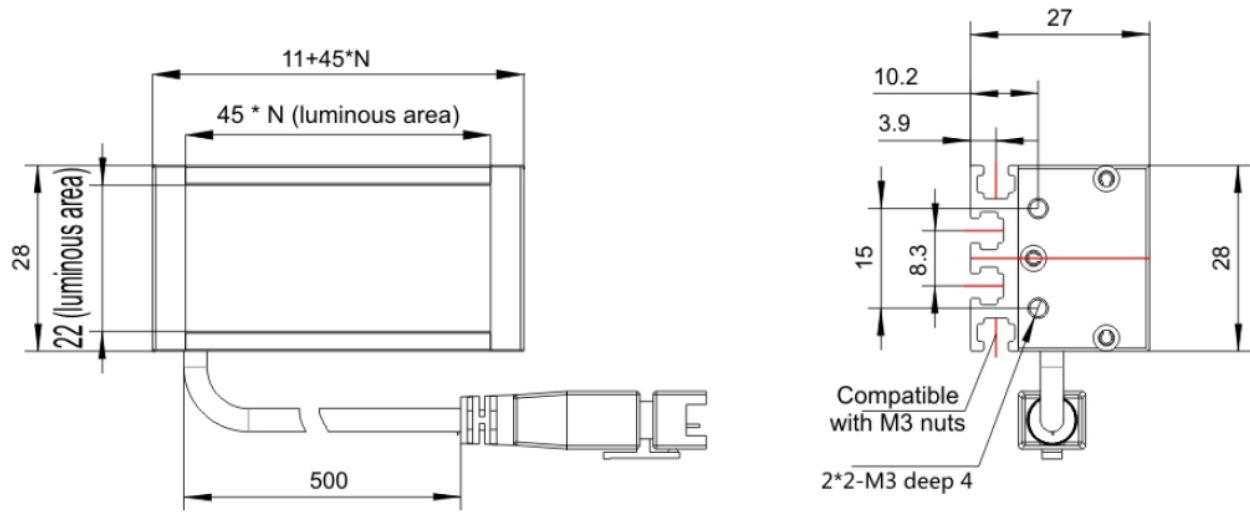
1

AIRON-BAR-45*N-12



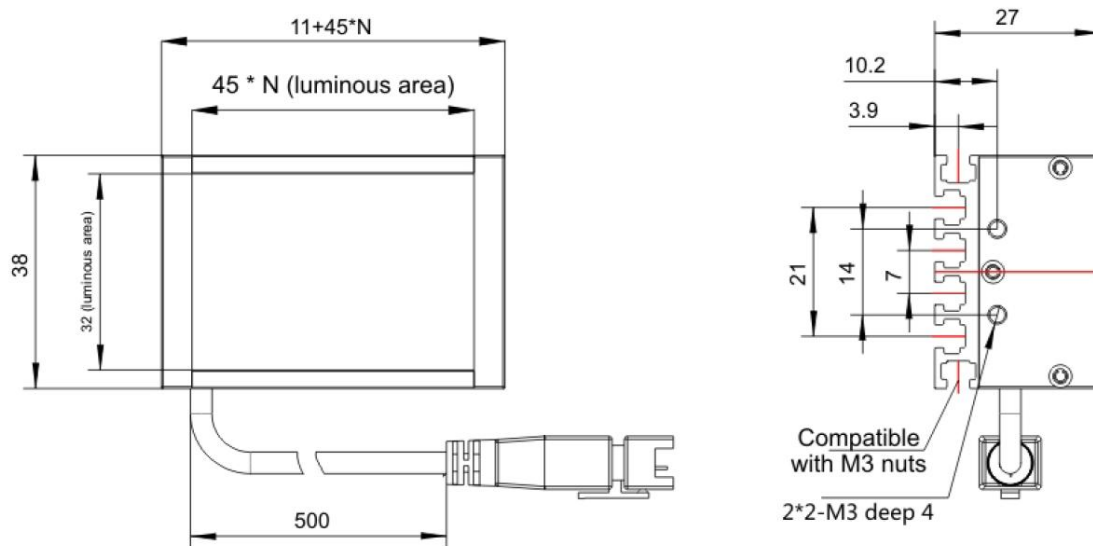
2

AIRON-BAR-45*N-12



3

AIRON-BAR-45*N-12 _



Serial number	Model	Voltage	Power			Weight (g)
			R	G/B/W	IR	
1	AIRON-BAR-45-12	24	0.7	1	0.7	60
	AIRON-BAR-45-22	24	1.4	2.1	1.4	70
	AIRON-BAR-45-32	24	2.1	3.2	2.8	90
2	AIRON-BAR-90-12	24	1.4	2	1.4	90
	AIRON-BAR-90-22	24	2.8	4.2	2.8	110
	AIRON-BAR-90-32	24	4.2	6.4	5.6	150
3	AIRON-BAR-135-12	24	2.1	3	2.1	120
	AIRON-BAR-135-22	24	4.2	6.3	4.2	150
	AIRON-BAR-135-32	24	6.3	9.6	8.4	210
4	AIRON-BAR-180-12	24	2.8	4	2.8	150
	AIRON-BAR-180-22	24	6.4	8.4	5.6	190
	AIRON-BAR-180-32	24	8.4	12.8	11.2	270
5	AIRON-BAR-225-12	24	3.5	5	3.5	180
	AIRON-BAR-225-22	24	7	10.5	7	230
	AIRON-BAR-225-32	24	10.5	16	14	330
6	AIRON-BAR-270-12	24	4.2	6	4.2	210
	AIRON-BAR-270-22	24	8.4	12.6	8.4	270
	AIRON-BAR-270-32	24	12.6	19.2	16.8	390
7	AIRON-BAR-315-12	24	4.9	7	4.9	240
	AIRON-BAR-315-22	24	9.8	14.7	9.8	310
	AIRON-BAR-315-32	24	16.8	25.6	22.4	450
8	AIRON-BAR-360-12	24	5.6	8	5.6	270
	AIRON-BAR-360-22	24	11.2	16.8	11.2	350
	AIRON-BAR-360-32	24	16.8	25.6	22.4	510
9	AIRON-BAR-405-12	24	6.3	9	6.3	300
	AIRON-BAR-405-22	24	12.6	18.9	12.6	390
	AIRON-BAR-405-32	24	18.9	28.8	25	570
10	AIRON-BAR-450-12	24	7	10	7	300
	AIRON-BAR-450-22	24	14	21	14	400
	AIRON-BAR-450-32	24	21	32	28	600
11	AIRON-BAR-495-12	24	7.7	11	7.7	400
	AIRON-BAR-495-22	24	14	21	14	500
	AIRON-BAR-495-32	24	23.1	35.2	30.8	700
12	AIRON-BAR-540-12	24	8.4	12	8.4	390
	AIRON-BAR-540-22	24	16.8	25.2	16.8	510
	AIRON-BAR-540-32	24	25.2	38.4	33.6	750
13	AIRON-BAR-585-12	24	9.1	13	9.1	420
	AIRON-BAR-585-22	24	18.2	27.3	18.2	550
	AIRON-BAR-585-32	24	27.3	41.6	36.4	810
14	AIRON-BAR-630-12	24	9.8	14	9.8	450
	AIRON-BAR-630-22	24	19.6	29.4	19.6	590
	AIRON-BAR-630-32	24	29.4	44.8	39.2	870
15	AIRON-BAR-855-12	24	13.3	15	13.3	600
	AIRON-BAR-855-22	24	26.6	39.9	26.6	790
	AIRON-BAR-855-32	24	39.9	60.9	53.2	1170
16	AIRON-BAR-990-12	24	15.4	16	15.4	690
	AIRON-BAR-990-22	24	30.8	46.2	30.8	910
	AIRON-BAR-990-32	24	46.3	70.4	61.6	1350