



GERLUX

Setting the Standard in Automotive Lighting

Ranges:

Car



Truck



Motorcycle



Construction



Agriculture



Our Core Strengths

Factory & Facilities

- ✓ OEM level Quality Systems
- ✓ UK Headquarters & Distribution Facility
- ✓ Large Scale Manufacturing Factory

Factory Approval

- ✓ Suzuki/Volvo
- ✓ Eicher/Osram/Hella
- ✓ Bosch

Homologation

- ✓ E1
- ✓ DOT mark
- ✓ TS16949, ISO 14001, ISO 9001, ISO 9002



Gerlux Facilities

- United Kingdom – Corporate Headquarters

Gerlux Headquarters are located in Warwickshire, UK. This strategically positioned warehouse serves as a central hub for the company’s UK & European distribution. With its extensive storage capacity, the warehouse carries substantial stocks of lighting products, allowing for efficient and timely order fulfilment across the UK & European markets.



As a business we are celebrating our 40th anniversary in 2024. During this time, we have supplied and continue to supply some of the largest brands in the world.

Gerlux Facilities

- India - Manufacturing Facility

Our state-of-the-art manufacturing facility is located just outside New Delhi, India. From here we export to over 35 countries worldwide.



MANUFACTURING CAPACITY

(MILLION PCS)	
LAMP TYPE	ANNUAL CAPACITY
H4/HS1	40
H1/H3	10
H7/H8/H9/H11/H13/H15	15
Signalling Lamps	15
TOTAL	80

International Approvals

United States

All Standard Lamps are compliant with Federal Motor Vehicle Safety Standards (FMVSSs) and are DOT Compliant.



Germany

E1 Homologation from the KBA in Germany. This is regarded as the Number 1 standard in Automotive Lighting.



India

TAC Approval



Product Range: Halogen Bulbs



Product Range: Signalling Bulbs, Tail Light Bulbs etc..



Product Range: Headlamp Upgrades

Gerlux offer a full range of Performance Upgrade Bulbs including:



UPGRADES **PLUS 200%**

Our Ultimate Upgrade option. Our brightest headlamp which offers up to 200% more light on the road.

- H4, H7, H11 & H15
- E1 quality approval



UPGRADES **COBALT** PLUS 50%

This bulb has a Blue filter which gives its colour a cool blue tinge. Enhancing the look of your headlights.

- H1, H3, H4, H7, H8, H9, H11, HB3 & HB4
- E1 quality approval

UPGRADES **PLUS 150%**

An Upgrade Bulb offering up to 150% more light on the road.

- H1, H4, H7, H11 & HB3
- E1 quality approval

UPGRADES **DIAMOND WHITE**

5000 Kelvin
This Bulb produces a super white light. It also offers up to 50% more light on the road.

- H1, H4, H7 & H11
- E1 quality approval



Latest Developments

We are continually developing the latest products to add to our range.



H16



H18



H19



H8B



H9B



H11B



H10

New Products

LED Lamps

100%
In-house Research &
Development



H1,H3,H4,H7,H8,H11,HB3,HB4,H16
RETROFIT LEDs



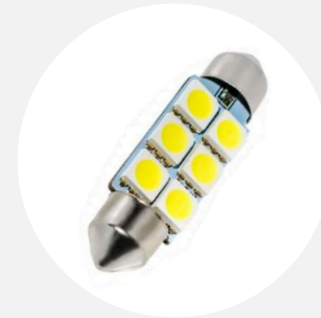
HS1 AC/DC LEDs
For Motocycles



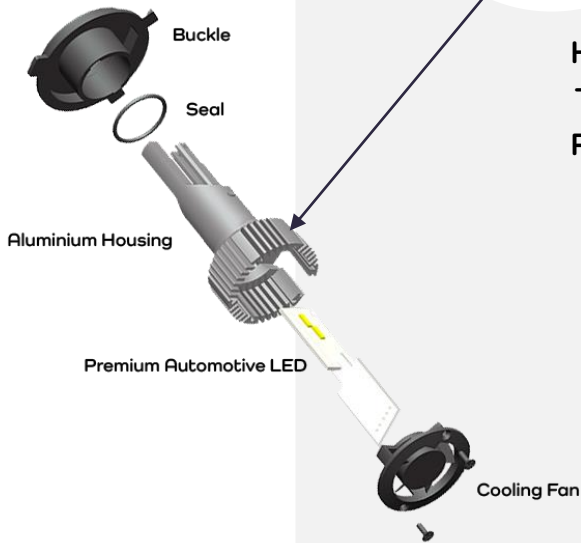
Interior LED
Lamps



Turn Signal LEDs



Festoon LED
Lamps



Xenon- HID Lamps

We offer a complete range of Xenon HID Lamps



D1R 85V 35W PK32D-3



D1S 85V 35W PK32d-2



D2R 85V 35W P32d-3



D2S 85V 35W P32d-2



D8S 42V 25W PK32d-1



D3R 42V 35W PK32d-6



D3S 42V 35W PK32d-5



D4R 42V 35W P32d-6



D4S 42V 35W P32d-5



D5S 12V 25W PK32d-7

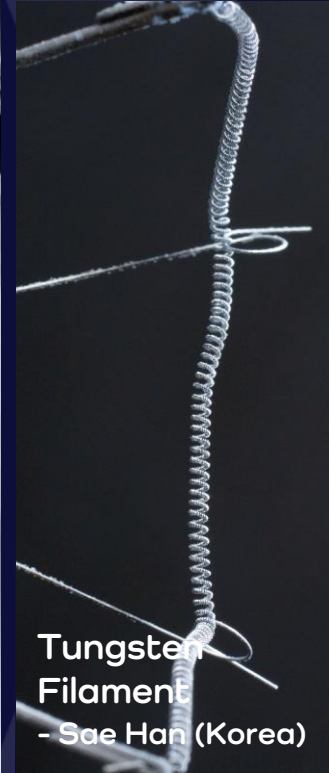
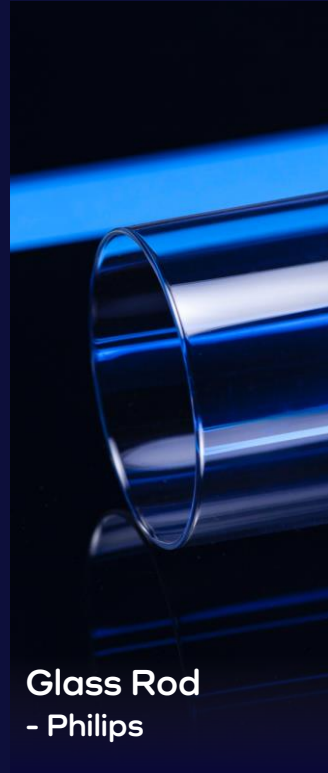
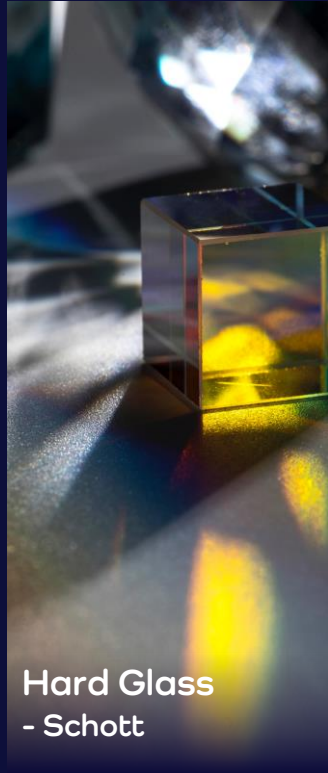
Hipervision Bulbs



All the Latest Hipervision
Bulbs are available from
GERLUX

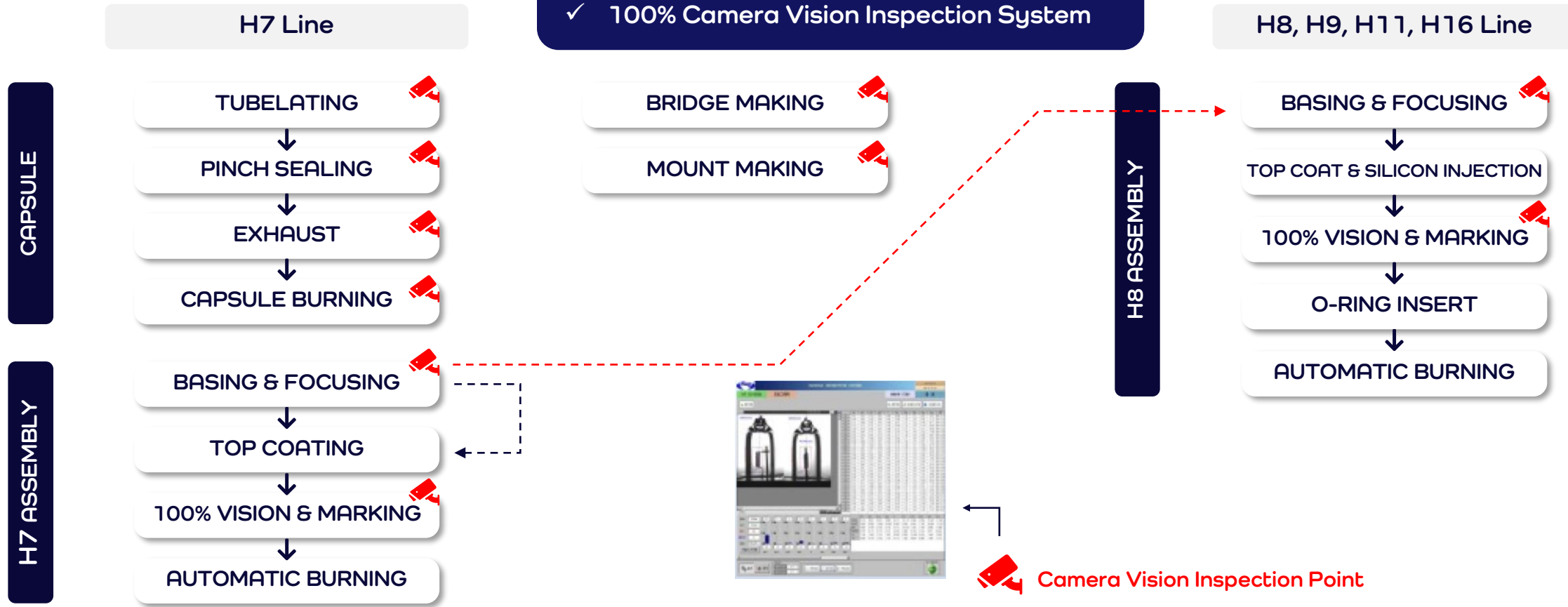
Quality Materials

Only the highest quality materials are used in the manufacturing of our products.



Production Process Example

- ✓ Latest Factory & Facilities
- ✓ 100% Automated Process
- ✓ 100% Camera Vision Inspection System



Production Process Continued...

H7 VISION FOCUSING

Job Name: H7_12V_55W.job

OK	Count
Total	14
OK	14
Reject	3

h	h(107)	h(207)	h(1007)	h(907)
24.800	-0.140	-0.240	-0.140	-0.240
25.000	0.000	0.000	0.000	0.000
25.200	0.140	0.240	0.140	0.240

H7_12V_55W.job

78ms

Head	e	f	dx	h1
2	38.83	4.18	1.32	0.86
1	38.92	4.23	1.33	0.81
24	39.01	4.2	1.33	0.8
23	38.83	4.3	1.33	0.83
22	38.7	4.3	1.32	0.71
21	38.8	4.2	1.33	0.68
20	38.86	4.18	1.33	0.76
19	38.96	4.22	1.32	0.82
18	38.89	4.18	1.31	0.81
17	38.9	4.23	1.33	0.85
16	38.89	4.26	1.33	0.72
15	38.86	4.21	1.33	0.66
14	38.74	4.21	1.32	0.79
13	38.83	4.25	1.33	0.73

ONLINE TESTING
Complying to ECE
and DOT Standards

Unit Values	h	h(107)	h(207)	h(1007)	h(907)
1	1.15	1.25	1.35	1.45	1.55
2	1.65	1.75	1.85	1.95	2.05
3	2.15	2.25	2.35	2.45	2.55
4	2.65	2.75	2.85	2.95	3.05
5	3.15	3.25	3.35	3.45	3.55
6	3.65	3.75	3.85	3.95	4.05
7	4.15	4.25	4.35	4.45	4.55
8	4.65	4.75	4.85	4.95	5.05
9	5.15	5.25	5.35	5.45	5.55
10	5.65	5.75	5.85	5.95	6.05
11	6.15	6.25	6.35	6.45	6.55
12	6.65	6.75	6.85	6.95	7.05
13	7.15	7.25	7.35	7.45	7.55
14	7.65	7.75	7.85	7.95	8.05
15	8.15	8.25	8.35	8.45	8.55
16	8.65	8.75	8.85	8.95	9.05
17	9.15	9.25	9.35	9.45	9.55
18	9.65	9.75	9.85	9.95	10.05
19	10.15	10.25	10.35	10.45	10.55
20	10.65	10.75	10.85	10.95	11.05
21	11.15	11.25	11.35	11.45	11.55
22	11.65	11.75	11.85	11.95	12.05
23	12.15	12.25	12.35	12.45	12.55
24	12.65	12.75	12.85	12.95	13.05
25	13.15	13.25	13.35	13.45	13.55
26	13.65	13.75	13.85	13.95	14.05
27	14.15	14.25	14.35	14.45	14.55
28	14.65	14.75	14.85	14.95	15.05
29	15.15	15.25	15.35	15.45	15.55
30	15.65	15.75	15.85	15.95	16.05
31	16.15	16.25	16.35	16.45	16.55
32	16.65	16.75	16.85	16.95	17.05
33	17.15	17.25	17.35	17.45	17.55
34	17.65	17.75	17.85	17.95	18.05
35	18.15	18.25	18.35	18.45	18.55
36	18.65	18.75	18.85	18.95	19.05
37	19.15	19.25	19.35	19.45	19.55
38	19.65	19.75	19.85	19.95	20.05
39	20.15	20.25	20.35	20.45	20.55
40	20.65	20.75	20.85	20.95	21.05
41	21.15	21.25	21.35	21.45	21.55
42	21.65	21.75	21.85	21.95	22.05
43	22.15	22.25	22.35	22.45	22.55
44	22.65	22.75	22.85	22.95	23.05
45	23.15	23.25	23.35	23.45	23.55
46	23.65	23.75	23.85	23.95	24.05
47	24.15	24.25	24.35	24.45	24.55
48	24.65	24.75	24.85	24.95	25.05
49	25.15	25.25	25.35	25.45	25.55
50	25.65	25.75	25.85	25.95	26.05
51	26.15	26.25	26.35	26.45	26.55
52	26.65	26.75	26.85	26.95	27.05
53	27.15	27.25	27.35	27.45	27.55
54	27.65	27.75	27.85	27.95	28.05
55	28.15	28.25	28.35	28.45	28.55
56	28.65	28.75	28.85	28.95	29.05
57	29.15	29.25	29.35	29.45	29.55
58	29.65	29.75	29.85	29.95	30.05
59	30.15	30.25	30.35	30.45	30.55
60	30.65	30.75	30.85	30.95	31.05
61	31.15	31.25	31.35	31.45	31.55
62	31.65	31.75	31.85	31.95	32.05
63	32.15	32.25	32.35	32.45	32.55
64	32.65	32.75	32.85	32.95	33.05
65	33.15	33.25	33.35	33.45	33.55
66	33.65	33.75	33.85	33.95	34.05
67	34.15	34.25	34.35	34.45	34.55
68	34.65	34.75	34.85	34.95	35.05
69	35.15	35.25	35.35	35.45	35.55
70	35.65	35.75	35.85	35.95	36.05
71	36.15	36.25	36.35	36.45	36.55
72	36.65	36.75	36.85	36.95	37.05
73	37.15	37.25	37.35	37.45	37.55
74	37.65	37.75	37.85	37.95	38.05
75	38.15	38.25	38.35	38.45	38.55
76	38.65	38.75	38.85	38.95	39.05
77	39.15	39.25	39.35	39.45	39.55
78	39.65	39.75	39.85	39.95	40.05
79	40.15	40.25	40.35	40.45	40.55
80	40.65	40.75	40.85	40.95	41.05
81	41.15	41.25	41.35	41.45	41.55
82	41.65	41.75	41.85	41.95	42.05
83	42.15	42.25	42.35	42.45	42.55
84	42.65	42.75	42.85	42.95	43.05
85	43.15	43.25	43.35	43.45	43.55
86	43.65	43.75	43.85	43.95	44.05
87	44.15	44.25	44.35	44.45	44.55
88	44.65	44.75	44.85	44.95	45.05
89	45.15	45.25	45.35	45.45	45.55
90	45.65	45.75	45.85	45.95	46.05
91	46.15	46.25	46.35	46.45	46.55
92	46.65	46.75	46.85	46.95	47.05
93	47.15	47.25	47.35	47.45	47.55
94	47.65	47.75	47.85	47.95	48.05
95	48.15	48.25	48.35	48.45	48.55
96	48.65	48.75	48.85	48.95	49.05
97	49.15	49.25	49.35	49.45	49.55
98	49.65	49.75	49.85	49.95	50.05
99	50.15	50.25	50.35	50.45	50.55
100	50.65	50.75	50.85	50.95	51.05

S. No.	A	AA	C	SC	F	AF
18	3.4	OK	0.82	OK	1.41	OK
1	0	NG	0	NG	0	NG
2	3.57	OK	0.96	OK	1.43	OK

Spread A: OK
Spread C: OK
Spread F: OK

3.570000
0.960000
1.430000

Total Counts: 3
Pass Counts: 2
Fail Counts: 1

Console: Bypass OFF, Manual Trigger, Counter Reset, Close

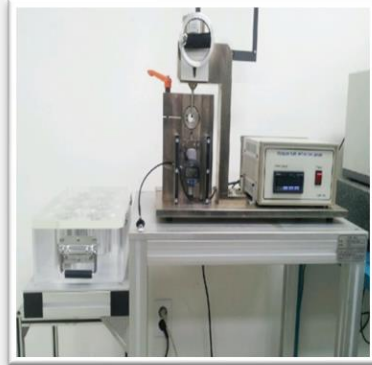
Quality Control Equipment



Voltage Surge Tester

Durability test for the filament by voltage fluctuation

Maker	Jagan
Spec.	16.0 ± 0.1V DC
Test Cycle	Lamp on, 5 Sec, 20 times



Deflection Tester

Welding strength test of bulb base

Maker	Jagan
Spec.	17.80N ± 0.40N
Measurement Range	Max. 25 mm



Air Tightness Gauge

Bulb base tightness test by change of pressure

Maker	LMI
Spec.	70.0kPa ± 0.10kPa
Measurement Time	60sec
Measurement Range	Max. 25mm



Photometric Tester

Measuring optical characters based on ECE R37 regulation

Maker	HP
Sensor	Minolta CL 500
Characters	Power, Luminous Flux, Efficiency, Color Temp., Lumen Maintenance

Quality Control Equipment



Profile Projector

Measuring geometric characters based on ECE R37 regulation

Maker	Mitutoyo
Spec.	10x Magnifying



Life Time Tester

Lifetime test of the bulbs based on IEC 60810 regulation

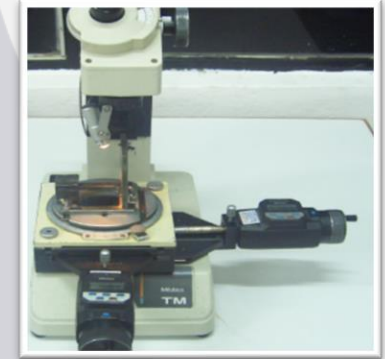
Maker	LMI
Spec.	DC 0V-18V, AC 0V-32V
Capa.	50 channels



Strain Viewer

Strain detection in Hard Glass

Maker	Toshiba
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Microscope

Measurement of small components

Maker	Mitutoyo
Spec.	20x Magnifying

OEM Customers



PIAGGIO



EICHER



Major Autoparts Customers

PHILIPS

am **OSRAM**

gm GENUINE PARTS | **ACDelco**

PACCAR

WÜRTH

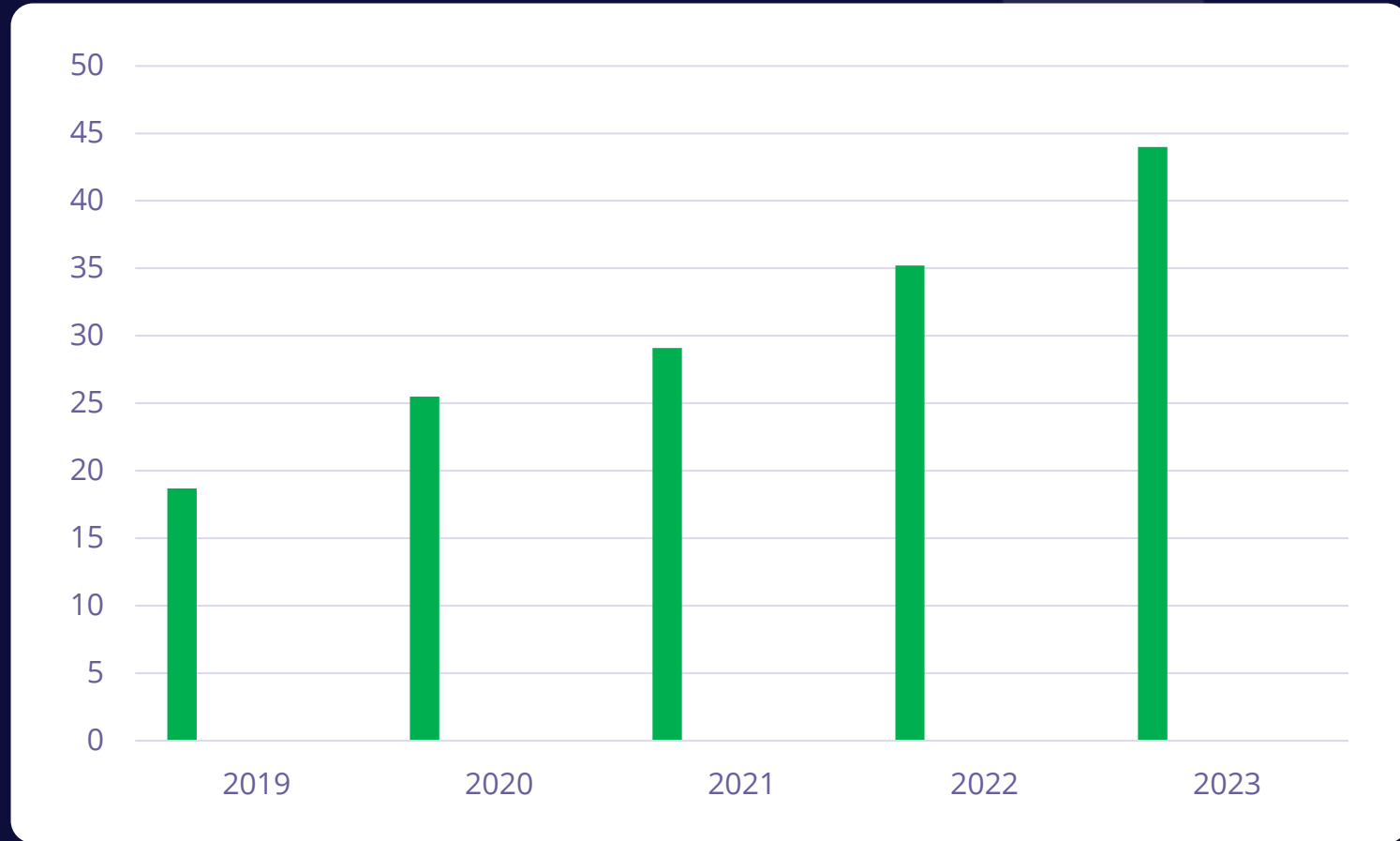
BOSCH



Motus

Group Turn Over (Million USD)

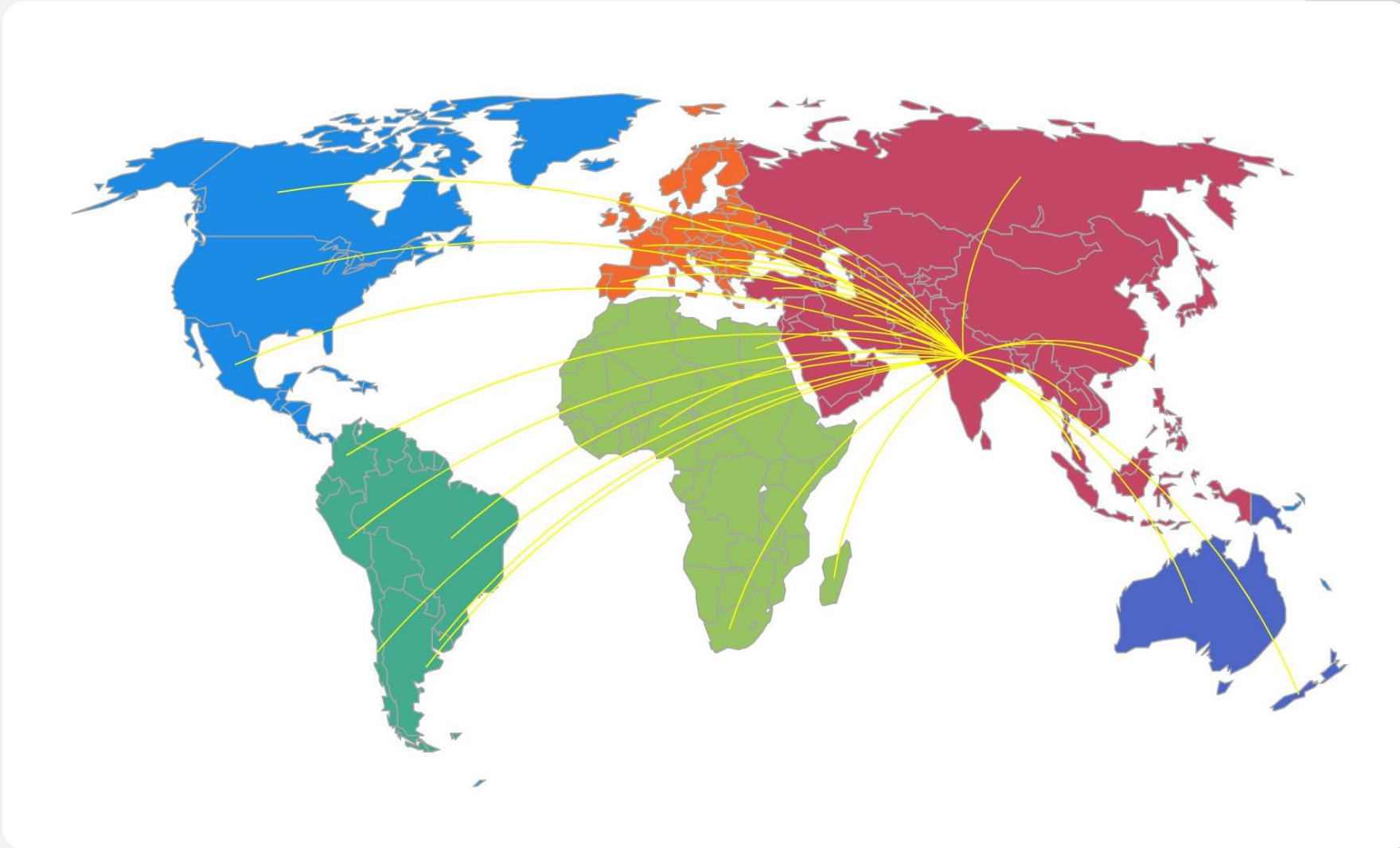
We continue to maintain an upward growth trajectory. 2024 onwards is forecasted to carry on this trend.



Global Sales network with EXPORT to 35+ countries

Plus

Weekly Delivery to all
European Countries
from the UK.



Sustainability



Gerlux is committed to operating in a sustainable and responsible manner. We continuously strive to minimize our environmental impact, ensure product and packaging sustainability, and comply with relevant legislation. This includes REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals), CLP (Classification, Labelling, and Packaging) Packaging, and WEE (Waste Electrical and Electronic Equipment) regulations. Our commitment is reflected in our certifications, including FSC, ISO 14001, ISO 9001 & ISO 9002.

Energy and Environment - We comply with all local and national environmental laws and regulations governing our operations.

We actively identify and minimize our impact on the environment, focusing on areas such as water conservation, waste reduction, energy efficiency, and carbon emissions. Our actions align with the principles of climate science and the Paris Agreement (2015).

The installation of LED lighting and Solar panels has helped us achieve a significant reduction in our carbon footprint.

We integrate environmental considerations into our product design process, aiming to develop automotive lighting solutions that are environmentally friendly and energy-efficient.

We strive to minimize packaging materials, opting for materials that are easy to recycle and reducing reliance on raw materials. Our packaging approach aligns with the principles of the Forest Stewardship Council (FSC) Certification, ensuring the use of sustainable cardboard materials.

We implement efficient water use practices in our facilities and invest in water-saving technologies.

Waste Management - We are an ISO 14001 registered business, demonstrating our commitment to effective environmental management and continuous improvement.

Internal Operations - We have adopted a near paperless approach within our business operations.

People - We prioritize the well-being, health, and development of our employees. We provide a safe and healthy working environment, offer comprehensive training programs, promote work-life balance, and foster a culture of diversity and inclusion. Our employee well-being initiatives aim to enhance job satisfaction, professional growth, and overall quality of life.

We are committed to making a positive social impact and upholding human rights throughout our operations and supply chain. We conduct rigorous due diligence to ensure that our suppliers adhere to human rights standards and ethical practices.

GERLUX

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