



Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH

certifies that

OSRAM

OSRAM GmbH
Marcel-Breuer-Straße 6
80807 München
Germany

including the sites and scope of application
see enclosure

has established and applies
a Quality Management System.

An audit was performed, Order No. **707056398**.

Proof has been furnished that the requirements
according to

ISO 9001:2015

are fulfilled.

The certificate is valid from **2019-12-21** until **2022-12-20**.

Certificate Registration No.: **12 100 52177 TMS**.

Product Compliance Management
Munich, 2019-12-09



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認證證書



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ZERTIFIKAT



Management Service

Enclosure of Certificate Registration No.: 12 100 52177 TMS

Sites	Scope of application
Germany	
OSRAM GmbH Marcel-Breuer-Straße 6 80807 München Germany	Headquarters - Corporate Management, Corporate Quality, Corporate Environmental Protection, Health and Safety, Procurement, Design & Development, Customer Service, Sales, Marketing, Information Technology, Human Resources, Logistics
OSRAM GmbH Parkring 29-33 85748 Garching Germany	
OSRAM GmbH Nonnendammallee 44 13629 Berlin Germany	Development and production of HID lamps for different applications
OSRAM GmbH Industriestraße 20b 85072 Eichstätt Germany	Development and production of XBO Xenon short-arc lamps for CINEMA projection
OSRAM GmbH Mittelstetter Weg 2 86830 Schwabmünchen Germany	Design, development and manufacturing of pre-materials for lamps and components
OSRAM GmbH An der Bahnbrücke 89542 Herbrechtingen Germany	Design, development and manufacturing of automotive lamps and LED systems for automotive applications
OSRAM GmbH Karl-Schurz-Str. 38 33100 Paderborn Germany	Development of lighting control systems

Product Compliance Management
Munich, 2019-12-09



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Enclosure of Certificate Registration No.: 12 100 52177 TMS

Sites	Scope of application
Germany	
OSRAM Opto Semiconductors GmbH Leibnizstraße 4 93055 Regensburg Germany	Design, development and production of opto semiconductor wafer, opto electronic components and displays
Austria	
OSRAM a. s. Niederlassung Österreich Leonard-Bernstein-Straße 10 1220 Wien Austria	Sales
Czech Republic	
OSRAM Česká republika s.r.o. Zahradní 1442/46 792 01 Bruntál Czech Republic	Development, manufacturing and sales of fine wires and coils, dies and nozzles; manufacturing of Display/Optic lamps and products
France	
OSRAM SASU rue Gaston Ramazzotti 18 67120 Molsheim France	Sales and distribution of lamps, luminaires and light components
ADB STAGELIGHT SASU Zone industrielle de Rouvroy 02100 Rouvroy France	Manufacturing and sales of lighting devices for theater, TV, museum. - Luminaires - Accessories and hoisting system - Control systems and dimmers - Network configuration

Product Compliance Management
Munich, 2019-12-09





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Sites	Scope of application
Italy	
Clay Paky S.p.A. Via Pastrengo 3/b 24068 Seriate (BG) Italy	Design, manufacture and sale of luminaires, lighting effects and accessories for art, stage and entertainment applications
OSRAM (OEC) S.p.A. Società Riunite OSRAM Edison Clerici Viale dell'Innovazione n. 3 20126 Milano Italy	Sales
OSRAM S.p.A. Via Castagnole 65/A 31100 Treviso Italy	Development and production of LED Light Engines and Modules, LED power supplies, Light Management Systems, Luminaires, traditional and LED lamps, electronic ballasts
OSRAM CONTINENTAL Italia S.r.l. Via Castagnole 65/A 31100 Treviso Italy	Production of lighting systems and electronic products
Slovak Republic	
OSRAM, a.s. Komárňanská cesta 7 940 02 Nové Zámky Slovak Republic	Development, manufacturing, sales of high pressure discharge lamps (HPD), halogen lamps and tungsten lamps. Development and assembly of luminaries. Machine and equipment engineering
Sweden	
OSRAM AB Arenavägen 39 121 77 Johanneshov Sweden	Sales



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Sites	Scope of application
United Kingdom	
OSRAM Ltd. 450 Brook Drive, Green Park Reading RG2 6UU United Kingdom	Sales, marketing and distribution of lighting products
OSRAM Ltd. Centrix House, 26 Crow Lane East Newton-le-Willows, Merseyside WA12 9UY United Kingdom	Sales, marketing and distribution of lighting products
P.R. China	
OSRAM China Lighting Ltd. No. 1 North Industrial Road Foshan City, Guangdong Province P.R. China Post Code: 528000	Manufacturing and sales of lighting products
OSRAM Guangzhou Lighting Technology Limited Room 1105, 1106, 1107, No.15 Fuhua Road, Zhongcun Street, Panyu District Guangzhou City, Guangdong Province P.R. China Post Code: 511400	Sales and service of module, driver, control system and related accessories used for luminaire
OSRAM Kunshan Display Optic Ltd. No.2 building, No.179; 2nd floor 6 # Building, No. 199, Waihejing Road, Kunshan Free Trade Zone, Kunshan Development Zone Kunshan, Jiangsu Province, P.R. China Post Code: 215300	Design, development and manufacturing of P-VIP lamp and LED systems

Product Compliance Management
Munich, 2019-12-09



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Sites	Scope of application
P.R. China	
OSRAM Opto Semiconductors (China) Co. Ltd. No. 57, XiQin Rd Wuxi XinWu District, Jiangsu, P.R. China Post Code: 214028	Production of opto semiconductor components
OSRAM CONTINENTAL Kunshan Intelligent Lighting Co., Ltd. No. 6 & No. 7 building, No.276 Xiongying Road, Economic & Technological Development Zone Kunshan, Jiangsu Province, P.R. China Post Code: 215300	Manufacturing of electronic ballast and SSL (Solid State Lighting) products
OSRAM Asia Pacific Management Company Shenzhen Branch 2F, Block B, Jianxing Building, No. 3151 Shahe West Road, Xili, Nanshan District Shenzhen, P.R. China Post Code: 518055	Design and Development, quality management and marketing of Solid State Lighting (SSL) products
Hong Kong	
Traxon Technologies Ltd. 108-113 & 208-213 Wireless Centre, 3 Science Park East Avenue, Hong Kong Science Park, Shatin Hong Kong	Design, manufacturing control and sales of LED lighting and power system

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Sites	Scope of application
India	
OSRAM Lighting Private Ltd. 1st Floor, Surinder Jhakar Bhavan, Plot Number 3, Sector - 32 Gurgaon, Haryana - 122001 India	Design, development, testing, approbation, marketing, sales & distribution of lighting products
Malaysia	
OSRAM Opto Semiconductors (Malaysia) SDN. BHD Bayan Lepas Free Industrial Zone Phase 1 11900 Bayan Lepas, Penang Malaysia	Design, development and production of opto semiconductor wafer, opto electronic components and displays
OSRAM Opto Semiconductors (Malaysia) Sdn. Bhd. Zon Industri Fasa 1, Taman Perindustrian Hi-Tech Kulim 09090 Kedah Darul Aman Malaysia	Design and production of opto semiconductor wafer, opto electronic components and displays
Mexico	
OSRAM S.A. de C.V. Av. 1o. de Mayo, No. 120, Piso 5 Col. San Andrés Atoto 53500 Naucalpan de Juárez, Estado de México Mexico	National headquarters and sales for SP, DS, LS & OS
OSRAM de Mexico S.A. de C.V. (Planta Monterrey) Av. TLC No. 50, Parque Industrial Stiva, Aeropuerto Apodaca, Nuevo León C.P. 66600 Mexico	Design and manufacturing of electronic ballasts, drivers and LED products.



Product Compliance Management
Munich, 2019-12-09





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Enclosure of Certificate Registration No.: 12 100 52177 TMS

Sites	Scope of application
USA	
OSRAM Opto Semiconductors, Inc. Kifer Road 1150 Sunnyvale, CA 94086 USA	Sales, marketing, customer service and logistics
OSRAM SYLVANIA INC 129 Portsmouth Avenue Exeter, NH 03833 USA	Manufacture of LED converter platelets
OSRAM SYLVANIA INC 275 West Main Street Hillsborough, NH 03244 USA	Design, development & manufacturing of automotive light sources
OSRAM SYLVANIA INC 816 Lexington Avenue Warren, PA 16365 USA	Manufacture of molded plastic components, small metal stampings for the lighting and automotive industries and molded plastic parts for various applications
OSRAM SYLVANIA INC 71 Cherry Hill Drive Beverly, MA 01915 USA	Corporate Innovations Americas
OSRAM SYLVANIA INC 200 Ballardvale Street Wilmington, MA 01887 USA	Business Unit DS Management Processes (marketing, controlling, development, industrialization, quality, procurement, logistics) for lighting industry LED products, drivers and ballasts
Bulgaria	
OSRAM EOOD Plot 879, Koshovete Area, Plovdiv District 4199 Trud Bulgaria	Production of electronic lighting products

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Munich, 2019-12-09



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see enclosure

has established and applies
an Environmental Management System.

An audit was performed, Report No. **707056398**.

Proof has been furnished that the requirements
according to

ISO 14001:2015

are fulfilled.

The certificate is valid from **2019-12-21** until **2022-12-20**.

Certificate Registration No.: **12 104 52177 TMS**.

Product Compliance Management
Munich, 2019-12-04





Management Service

Enclosure of Certificate Registration No.: 12 104 52177 TMS

Sites	Scope of application
Germany	
OSRAM GmbH Marcel-Breuer-Straße 6 80807 München Germany	Headquarters - Corporate Management, Corporate Quality, Corporate Environmental Protection, Health and Safety, Procurement, Design & Development, Customer Service, Sales, Marketing, Information Technology, Human Resources, Logistics
OSRAM GmbH Parkring 29-33 85748 Garching Germany	
OSRAM GmbH Nonnendammallee 44 13629 Berlin Germany	Development and production of HID lamps and glasses for different applications
OSRAM GmbH Industriestraße 20b 85072 Eichstätt Germany	Development and production of XBO Xenon short-arc lamps for Cinema Projection
OSRAM GmbH Mittelstetter Weg 2 86830 Schwabmünchen Germany	Design, Development and Manufacturing of pre-materials for lamps, heat industry and components
OSRAM GmbH An der Bahnbrücke 89542 Herbrechtingen Germany	Development and Manufacturing of Automotive Light Sources
OSRAM Opto Semiconductors GmbH Leibnizstraße 4 93055 Regensburg Germany	Design, development and production of opto Semiconductor wafer, opto electronic components and displays

Product Compliance Management
Munich, 2019-12-04



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Management Service

Enclosure of Certificate Registration No.: 12 104 52177 TMS

Sites	Scope of application
Czech Republic	
OSRAM Česká republika s.r.o. Zahradní 1442/46 792 01 Bruntál Czech Republic	Development, manufacturing and sales of fine wires and coils, dies and nozzles; manufacturing of Display/Optic lamps and products
Italy	
Clay Paky S.p.A. Via Pastrengo 3/b 24068 Seriate (BG) Italy	Design, manufacture and sale of luminaires, lighting effects and accessories for art, stage and entertainment applications
OSRAM S.p.A. Via Castagnole 65/A 31100 Treviso Italy	Development and production of LED Light Engines and Modules, LED power supplies, Light Management System, Luminaires, traditional and LED lamps, electronic ballast
OSRAM CONTINENTAL Italia S.r.l. Via Castagnole 65/A 31100 Treviso Italy	Production of lighting systems and electronic products
Bulgaria	
OSRAM EOOD Plot 879, Koshovete Area, Plovdiv District 4199 Trud Bulgaria	Production of electronic lighting products



Product Compliance Management
Munich, 2019-12-04





Management Service

Enclosure of Certificate Registration No.: 12 104 52177 TMS

Sites	Scope of application
Slovak Republic	
OSRAM, a.s. Komárňanská cesta 7 940 02 Nové Zámky Slovak Republic	Design, development and manufacturing of automotive lamps. Development, manufacturing, sales of high pressure discharge lamps (HPD), halogen lamps and tungsten lamps. Development and assembly of luminaries. Machine and equipment engineering.
P.R. China	
OSRAM China Lighting Ltd. No. 1 North Industrial Road Foshan City, Guangdong Province, P.R. China Post Code: 528000	Manufacturing and sales of lighting products
OSRAM Kunshan Display Optic Ltd. No.2 building, No.179; 2nd floor 6 # Building, No. 199, Waihejing Road, Kunshan Free Trade Zone, Kunshan Development Zone Kunshan, Jiangsu Province, P.R. China Post Code: 215300	Design, development and manufacturing of P-VIP lamp and LED systems
OSRAM Opto Semiconductors (China) Co. Ltd. No. 57, XiQin Rd Wuxi XinWu District, Jiangsu, P.R. China Post Code: 214028	Production of opto semiconductor components and displays
OSRAM CONTINENTAL Kunshan Intelligent Lighting Co., Ltd No. 6 & No. 7 building, No.276 Xiongying Road, Economic & Technological Development Zone Kunshan, Jiangsu Province, P.R. China Post Code: 215300	Manufacturing of electronic ballast and SSL (Solid State Lighting) products



Product Compliance Management
Munich, 2019-12-04





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Enclosure of Certificate Registration No.: 12 104 52177 TMS

Sites	Scope of application
Malaysia	
OSRAM Opto Semiconductors (Malaysia) SDN. BHD Bayan Lepas Free Industrial Zone Phase 1 11900 Bayan Lepas, Penang Malaysia	Design, development, and production of opto semiconductor wafer, opto electronic components and displays
OSRAM Opto Semiconductors (Malaysia) Sdn. Bhd. Zon Industri Fasa 1, Taman Perindustrian Hi-Tech Kulim 09090 Kedah Darul Aman Malaysia	
Mexico	
OSRAM de Mexico S.A. de C.V. (Planta Monterrey) Av. TLC No. 50, Parque Industrial Stiva, Aeropuerto Apodaca, Nuevo León C.P. 66600 Mexico	Design and manufacturing of electronic ballasts, drivers and LED products.
USA	
OSRAM SYLVANIA INC 129 Portsmouth Avenue Exeter, NH 03833 USA	Manufacture of LED converter platelets
OSRAM SYLVANIA INC 275 West Main Street Hillsborough, NH 03244 USA	Design, development & manufacturing of automotive light sources

Product Compliance Management
Munich, 2019-12-04



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Enclosure of Certificate Registration No.: 12 104 52177 TMS

Sites	Scope of application
USA	
OSRAM SYLVANIA INC 816 Lexington Avenue Warren, PA 16365 USA	Manufacture of molded plastic components, small metal stampings for the lighting and automotive industries and molded plastic parts for various applications
OSRAM CONTINENTAL USA Inc. 175 Old Shackle Island Road Hendersonville, TN 37075 USA	Design and manufacture of electronic components

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Product Compliance Management
Munich, 2019-12-04





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of TÜV SÜD Management Service GmbH

certifies that

OSRAM

OSRAM GmbH
Marcel-Breuer-Straße 6
80807 München
Germany

including the sites and scope of application
see enclosure

has established and applies
an Occupational Health and Safety Management System.

An audit was performed, Order No. **707056398**.

Proof has been furnished that the requirements
according to

ISO 45001:2018

are fulfilled.

The certificate is valid from **2019-12-07** until **2022-12-06**.

Certificate Registration No.: **12 117 52177 TMS**.

Product Compliance Management
Munich, 2019-11-26





Management Service

Enclosure of Certificate Registration No.: 12 117 52177 TMS

Sites	Scope of application
Germany	
OSRAM GmbH Marcel-Breuer-Straße 6 80807 München Germany	Headquarters - Corporate Management, Corporate Quality, Corporate Environmental Protection, Health and Safety, Procurement, Design & Development, Customer Service, Sales, Marketing, Information Technology, Human Resources, Logistics
OSRAM GmbH Parkring 29-33 85748 Garching Germany	
Italy	
Clay Paky S.p.A. Via Pastrengo 3/b 24068 Seriate (BG) Italy	Design, manufacture and sale of luminaires, lighting effects and accessories for art, stage and entertainment applications
P.R. China	
OSRAM China Lighting Ltd. No. 1 North Industrial Road Foshan City, Guangdong Province P.R. China Post Code: 528000	Manufacturing and sales of lighting products
OSRAM Kunshan Display Optic Ltd. No.2 building, No.179; 2nd floor 6 # Building, No. 199, Waihejing Road, Kunshan Free Trade Zone, Kunshan Development Zone Kunshan, Jiangsu Province, P.R. China Post Code: 215300	Design, development and manufacturing of P-VIP lamp and LED systems

Product Compliance Management
Munich, 2019-11-26





Management Service

Enclosure of Certificate Registration No.: 12 117 52177 TMS

Sites	Scope of application
P.R. China	
OSRAM Opto Semiconductors (China) Co. Ltd. No. 57, XiQin Rd Wuxi XinWu District, Jiangsu, P.R. China Post Code: 214028	Production of opto semiconductor components and displays
OSRAM CONTINENTAL Kunshan Intelligent Lighting Co., Ltd No. 6 & No. 7 building, No.276 Xiongying Road, Economic & Technological Development Zone Kunshan, Jiangsu Province, P.R. China Post Code: 215300	Manufacturing of electronic ballast and SSL (Solid State Lighting) products
Malaysia	
OSRAM Opto Semiconductors (Malaysia) SDN. BHD Bayan Lepas Free Industrial Zone Phase 1 11900 Bayan Lepas, Penang Malaysia	Design, development, and production of opto semiconductor wafer, opto electronic components and displays
OSRAM Opto Semiconductors (Malaysia) Sdn. Bhd. Lot 4235 (PT1), Jalan Hi-Tech 1, Zon Industri Fasa 1, Taman Perindustrian Hi-Tech Kulim, Bandar Kulim, Daerah Kulim 09090 Kedah Darul Aman Malaysia	



Product Compliance Management
Munich, 2019-11-26





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certifies that

OSRAM

OSRAM GmbH
Marcel-Breuer-Straße 6
80807 München
Germany

including the sites and scope of application
see enclosure

has established and applies
an Energy Management System.

An audit was performed, Order No. **707056398**.

Proof has been furnished that the requirements
according to

ISO 50001:2018

are fulfilled.

The certificate is valid from **2020-12-02** until **2023-12-01**.

Certificate Registration No.: **12 340 52177 TMS**.



Product Compliance Management
Munich, 2020-11-18





Management Service

Enclosure of Certificate Registration No.: 12 340 52177 TMS

Sites	Scope of application
Germany	
OSRAM GmbH Marcel-Breuer-Straße 6 80807 München Germany	Headquarters
OSRAM GmbH Parkring 29-33 85748 Garching Germany	Headquarters as well as Research and Development
OSRAM Opto Semiconductors GmbH Leibnizstraße 4 93055 Regensburg Germany	Design, development and production of opto Semiconductor wafer, opto electronic components and displays
OSRAM GmbH Nonnendammallee 44 13629 Berlin Germany	Production of HID lamps for different applications
OSRAM GmbH Mittelstetter Weg 2 86830 Schwabmünchen Germany	Design, Development and Manufacturing of pre-materials for lamps, heat industry and components
OSRAM GmbH Industriestr. 20b 85072 Eichstätt Germany	Development and production of XBO Xenon short-arc lamps for Cinema Projection
OSRAM GmbH An der Bahnbrücke 89542 Herbrechtingen Germany	Production of chemical pre-materials and automotive lamps productions

Product Compliance Management
Munich, 2020-11-18



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Enclosure of Certificate Registration No.: 12 340 52177 TMS

Sites	Scope of application
Czech Republic	
OSRAM Česká republika s.r.o. Zahradní 1442/46 792 01 Bruntál Czech Republic	Development, manufacturing and sales of fine wires and coils, dies and nozzles; manufacturing of Display/Optic lamps and products; production and sales of heat energy
Slovak Republic	
OSRAM, a.s. Komárňanská cesta 7 940 02 Nové Zámky Slovak Republic	Production and development of electric lamps and machinery for lamp production
Italy	
OSRAM S.p.A. Via Castagnole 65/A 31100 Treviso Italy	Development and production of LED light engines and modules, LED power supplies, light management system, luminaires, traditional and LED lamps, electronic ballasts
Clay Paky S.p.A. Via Pastrengo 3/b 24068 Seriate (BG) Italy	Development and production of luminaires and projectors for entertainment
Bulgaria	
OSRAM EOOD Plot 879, Koshovete Area, Plovdiv District 4199 Trud Bulgaria	Production of electronic lighting products



Product Compliance Management
Munich, 2020-11-18



64258 20 W 12 V

Low-voltage halogen lamps without reflector



Areas of application

- Lamps for special luminaires
- Medical fiber optics (HLX)

Product family benefits

- Compared to standard lamps up to 10 % higher luminous efficacy (HLX)
- Instant light (HLX)

Product family features

- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)
- HLX tungsten halogen low-voltage lamp with or without reflector
- Dimmable (HLX)



Product datasheet

Technical data

Product information

Order reference	64258 20W 12V G
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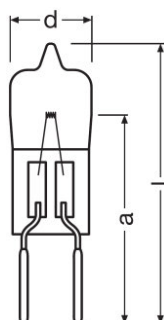
Electrical data

Nominal voltage	12.0 V
Nominal wattage	20.00 W

Photometrical data

Color temperature	3050 K
Nominal luminous flux	335 lm
Color rendering index Ra	100

Dimensions & weight



Diameter	9.5 mm
Length	30.0 mm
Light center length (LCL)	19.5 mm ¹⁾
Filament length	3.50 mm
Illuminated field	3.5*0.8 mm ² ²⁾
Filament diameter	0.8 mm

¹⁾ ±0.3 mm

²⁾ Restricted tolerances 3.5±0.25*0.8±0.10

Lifespan

Lifespan	2000 h
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Additional product data

Base (standard designation)	G4
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Product datasheet

Minimum diameter of lamp enclosure	9 mm
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Capabilities

Burning position	s90
Application	Other

Certificates & standards

EEI – Energy Label	C
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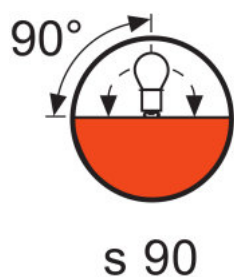
Country specific categorizations

Order reference	64258 20W 12V G
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Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4050300285153	OSRH6425840	-	-	-
4050300285153	OSRH6425840	-	-	-

Product datasheet



Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321644794	64258 20 W 12 V	Folding carton box 1	25 mm x 23 mm x 70 mm	0.04 dm ³	3.00 g
4008321644800	64258 20 W 12 V	Shipping carton box 40	144 mm x 107 mm x 121 mm	1.86 dm ³	161.00 g
4050300285153	64258 20 W 12 V	Folding carton box 1	25 mm x 23 mm x 70 mm	0.04 dm ³	3.00 g
4050300891019	64258 20 W 12 V	Shipping carton box 40	144 mm x 107 mm x 121 mm	1.86 dm ³	161.00 g
4052899152717	64258 20 W 12 V	Folding carton box 1	25 mm x 23 mm x 70 mm	0.04 dm ³	3.60 g
4052899152724	64258 20 W 12 V	Shipping carton box 40	144 mm x 107 mm x 121 mm	1.86 dm ³	185.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.