CATALOGUE 2020

NARVA manufaktur

AIRFIELD LIGHTING

GERMAN COMPANY – GERMAN QUALITY STANDARDS

For more than 70 years, precision and quality in Halogen bulbs and lighting solutions, made by **NARVA** in Germany.

High reliability and long life expectancy are those characteristics of our Airfield Ground Lighting lamps which we take into account with our internal quality seal of "German Precision Lighting" – and which are highly valued by our repeat customers for decades.

Safety during takeoff and landing maneuver's can only be assured by perfect illumination of airfield runways. Thus, regulatory requirement of FAA, ICAO and other international regulations are just the lower limit – our personal standard and ambition onto quality goes well beyond.

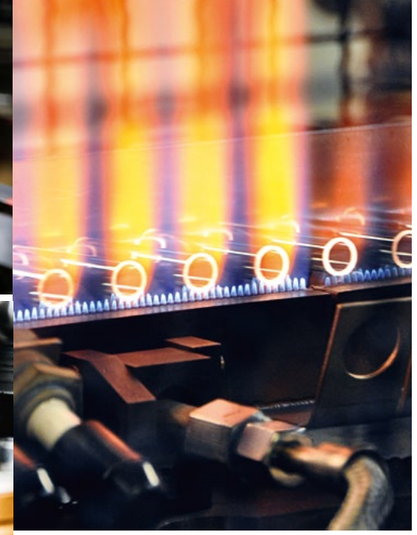
Our products also deliver value with their prolonged lifetime, which results in long exchange cycles and considerably lower maintenance costs.

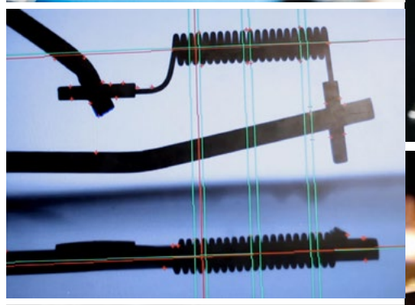
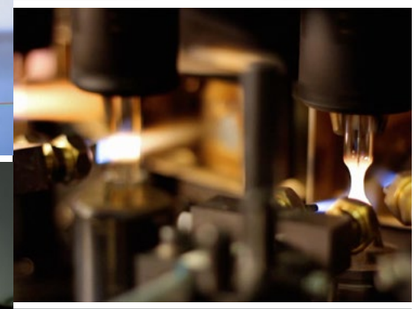
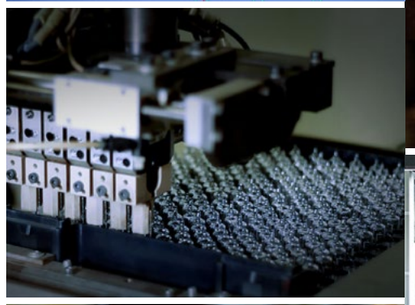
As co-operation partner with highly specialized business partners and wholesalers, we are also used to provide customized solutions with particular requirements at small batch sizes. Besides, we also set a high value on service orientation, personal assistance and delivery performance. Because this in total is what sets us apart, too: we are not a multi-billion conglomerate, we are "German Mittelstand". As such, we think and act like one: pragmatic, flexible, quality-driven.

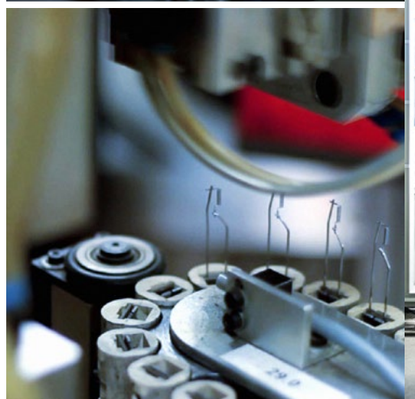
Every day, for the next 70 years.

Your **NARVA** team

NARVA manufaktur





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Description

Halogen airfield lamp with integrated reflector

Features/Benefits

- High and constant lumen output
- Long-Lifetime (LL)
- Excellent optical adjustment
- Strong focus light

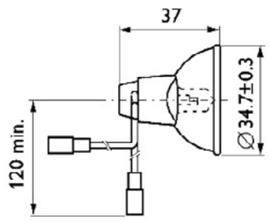
Application

- Approach and threshold lights
- Runway and taxiway lights
- Stopbar and touch-down zone lights

HALOGEN AIRFIELD LAMPS DICHROIC REFLECTOR

Type	Current A	Wattage W	Base	Axial light intensity kcd	Average life hrs.	Figure	Part number
58300	2,2	20	cable flat female connector [3]	min. 6,0	1000	2	58300
6144	6,6	30	cable flat female connector [3]	min. 16	1000	2	58334
58380	6,6	30	cable flat male connector [2]	min. 16	1000	2	58380
6137	6,6	35	GZ4	min. 4,5	1500	3	58314
6102	6,6	40	cable round female connector [1]	min. 10,5	1500	1	58302
6102 K	6,6	40	cable round female connector [1] [7]	min. 10,5	1500	1	58385
6104	6,6	40	cable flat male connector [2]	min. 10,5	1500	1	58303
6110	6,6	40	cable flat female connector [3]	min. 10,5	1500	1	58301
6110 K	6,6	40	cable flat female connector [3] [7]	min. 10,5	1500	1	58383
6145LL	6,6	45	cable flat female connector [3]	min. 19,0	2500	2	58381
6146LL	6,6	45	cable round female connector [1]	min. 19,0	2500	2	58382
6101LL	6,6	48	cable flat female connector [3]	min. 20,0	2500	2	58304
6106LL	6,6	48	cable flat male connector [2]	min. 20,0	2500	2	58305
6107LL	6,6	48	cable round female connector [1]	min. 20,0	2500	2	58306
6143	6,6	48	cable flat female connector [6]	min. 23,0	1000	2	58333
58340	6,6	48	cable flat male connector [2]	min. 23,0	1500	2	58340
58356	6,6	48	cable flat female connector [3]	min. 23,0	1500	2	58356
6138	6,6	48	cable flat male / flat female [5]	min. 25,0	500	2	58317
6141	6,6	62	cable flat female connector [3] [4]	**	1500	2	58335
6142	6,6	62	GX5,3	**	1500	**	58336
6103	6,6	105	cable round female connector [1]	min. 30,0	1000	2	58307
6105	6,6	105	cable flat female connector [3]	min. 30,0	1000	2	58308
6108	6,6	105	cable flat male connector [2]	min. 30,0	1000	2	58310

[1] 4 mm diameter
[2] flat male connector, complying with DIN 46248
[3] flat female connector, complying with DIN 46247
[4] 16"cable length
[5] with 60 mm sleeve
[6] with rectangular female connector
[7] with ceramic plate



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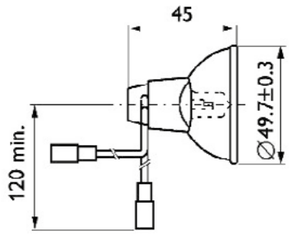

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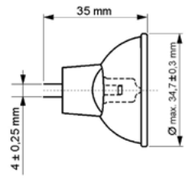


3

Description

Halogen airfield lamp with prefocus base and cable connector

Features/Benefits

- High and constant lumen output
- Long-Lifetime (LL), excellent optical adjustment
- Cement free prefocus base

Application

- Approach and threshold lights
- Runway and taxiway lights
- Stopbar and touch-down zone lights
- Visual approach slope indicator systems (e.g. PAPI)

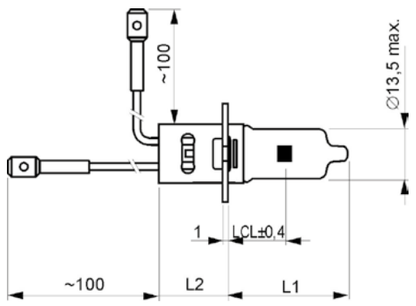
Type	L1 max. mm	L2 max. mm
6303	36	20
6130	28	21
6132	32	21
6133	32	21
6304	32	21
6125	32	21
6116	36	17

Type	L1 max. mm	L2 max. mm
6121	32	21
6118	35	21
6392	35	21
6313	36	21
6117	36	21
6139	36	21

HALOGEN AIRFIELD LAMPS PREFOCUS (PK) – CABLE CONNECTION

Type	Current A	Wattage W	Base	Connector	Lumens Lm	Average life hrs.	LCL mm	Filament	Figure	Part number
6303LL	6,6	45	PK30d	male	800	2000	16	C-8	1	58326
6130LL	6,6	45	PK30d	female	800	2000	16	C-8	1	58328
6132LL	6,6	45	PK30d	female	800	2000	20	C-8	1	58330
6133LL	6,6	45	PK30d	male	800	2000	20	C-8	1	58331
6304LL	6,6	65	PK30d	male	1450	2000	20	CBAR-6	1	58337
6125LL	6,6	65	PK30d	female	1450	2000	20	CBAR-6	1	58338
6371C	6,6	100	PK18d	female	2500	1000	24,5	C-8	2	58344
6116LL	6,6	100	PK30d	male	2700	2000	20	CBAR-6	1	58347
6121LL	6,6	100	PK30d	female	2700	2000	20	CBAR-6	1	58349
6118LL	6,6	150	PK30d	female	3600	2000	20	CBAR-6	1	58369
6118LL HTR	6,6	150	PK30d	female	3600	2000	20	CBAR-6	1	58363
6392LL	6,6	150	PK30d	male	3600	2000	20	CBAR-6	1	58368
6392LL HTR	6,6	150	PK30d	male	3600	2000	20	CBAR-6	1	58364
6313LL	6,6	200	PK30d	male	4400	2000	20	CC-6	1	58376
6117LL	6,6	200	PK30d	male	4800	2000	20	CC-6	1	58377
6117LL HTR	6,6	200	PK30d	male	4800	2000	20	CC-6	1	58379
6139LL	6,6	200	PK30d	female	4800	2000	20	CC-6	1	58378
6139LL HTR	6,6	200	PK30d	female	4800	2000	20	CC-6	1	58371

- All PK30d lamps are long life lamps with higher operation hours
- HTR are lamps for high temperature application



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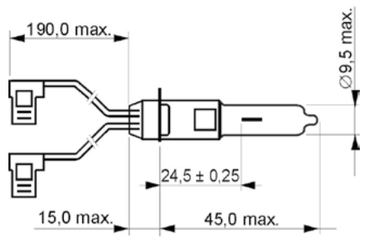


2

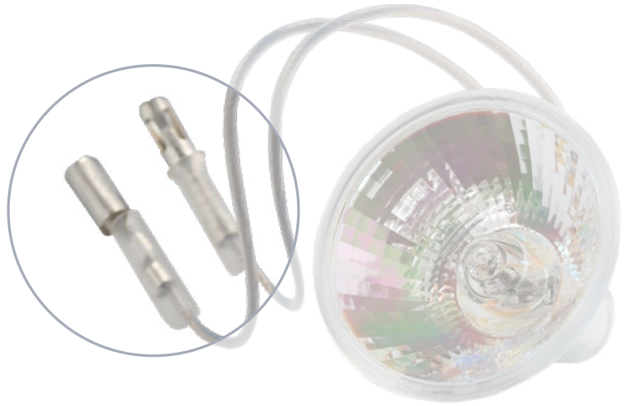
LAMPS WITH CABLE CONNECTOR

Lamps have different cable connector to get always a perfect electrical contact to light fixture. It is far away from the pinching area to reduce risks of overheating pinch or molybdenum foil. Besides standard male, female or round connector is also a rectangular female connector available. This connector is characterized by an additional isolation

HALOGEN AIRFIELD LAMPS CONNECTOR OVERVIEW

Round female connector

for contacts with 4 mm diameter



flat male connector

complies with DIN 46248

flat female connector

complies with DIN 46247

Description

Halogen airfield lamp with Bi-pin base

Features/Benefits

- High and constant lumen output
- Long-Lifetime (LL), small size

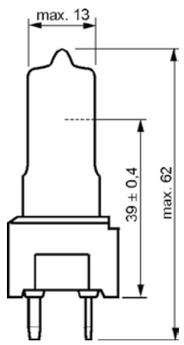
Application

- Approach and threshold lights
- Runway and taxiway lights
- Obstruction lights

HALOGEN AIRFIELD LAMPS BI-PIN

Type	LIF ANSI	Current A	Wattage W	Base	Lumens Lm	Average life hrs.	LCL mm	Filament	Fig.	Part number
6112LL	**EXL**	**6,6**	**30**	**GZ9,5**	**375**	**2000**	**25,4**	**C-8**	**3**	**58312**
6315	J1/75	6,6	36	G6,35	610	1500	33	C-8	2	58315
6123	J1/57	6,6	45	G6,35	840	1500	33	C-8	2	58323
6134LL	**EXM**	**6,6**	**45**	**GZ9,5**	**800**	**2000**	**25,4**	**C-8**	**3**	**58325**
6343	J1/58	6,6	100	G6,35	2300	1200	33	CBAR-6	2	58343
6128	EVV	6,6	120	GZ9,5	3150	1500	39	CBAR-6	1	58355
58362	**	6,6	150	G6,35	4500	800	33	CBAR-6	2	58362
6292	EWR	6,6	150	GZ9,5	3750	1500	39	CBAR-6	1	58365
6373	J1/39	6,6	200	G6,35	4700	1200	33	CBAR-6	2	58373
6372LL	**EZL**	**6,6**	**200**	**GZ9,5**	**5000**	**2000**	**39**	**CBAR-6**	**1**	**58374**
58384	**	6,6	200	GZ9,5	5000	2000	39	CC-6	1	58384

Remark: bold marked types are Long life types



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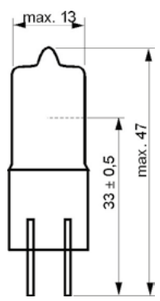

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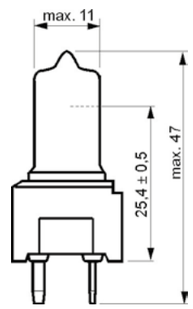

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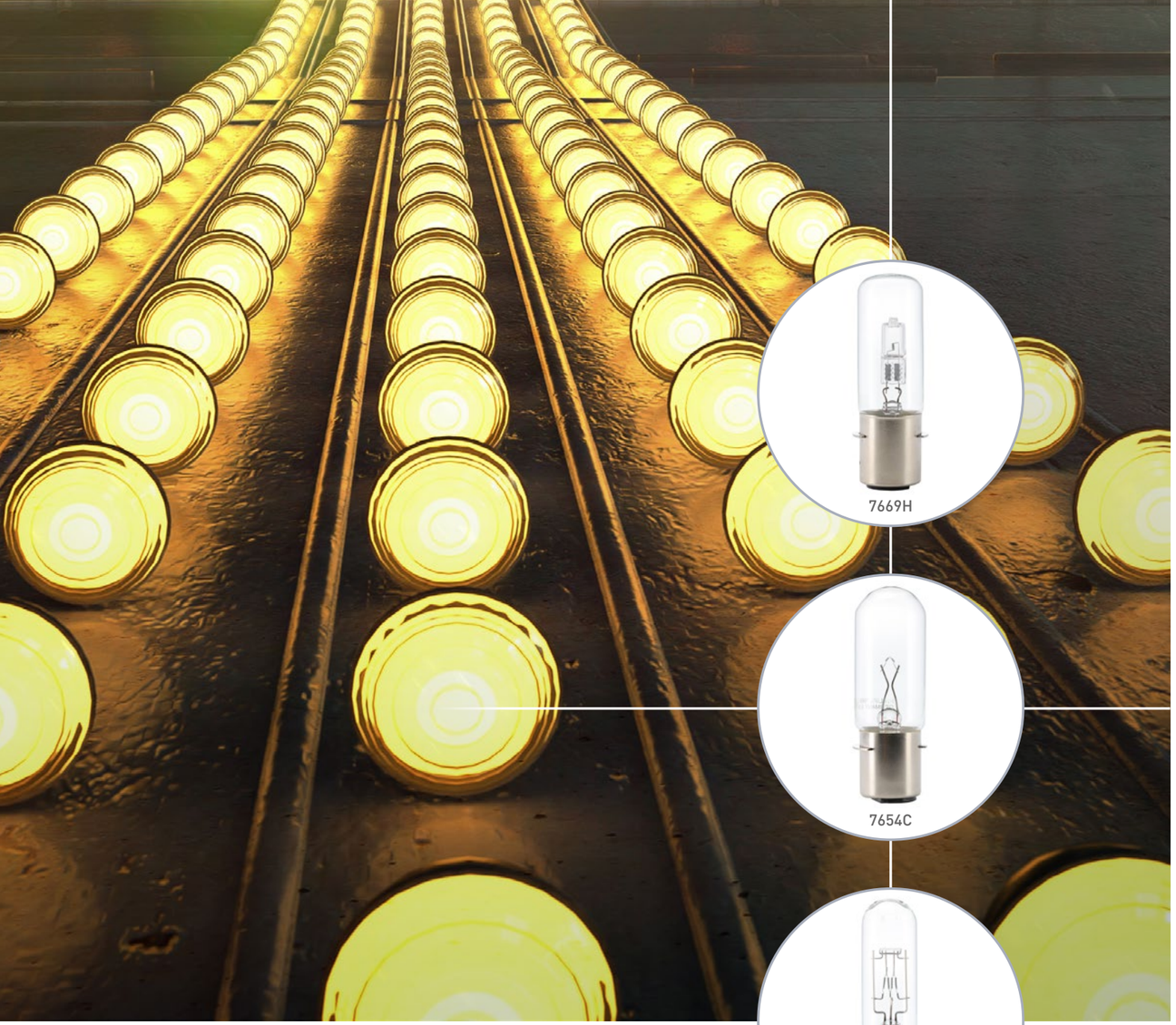


7669H

7654C

6936C

7670C

Description

Conventional incandescent airfield lamp

Features/Benefits

- Lamp for constant current regulated series circuits

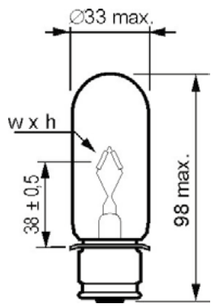
Application

- Elevated approach
- Runway and taxiway lights
- Obstruction lights

CONVENTIONAL AIRFIELD LAMPS PREFOCUS

Type	Current A	Wattage W	Base	Lumens Lm	Average life hrs.	LCL mm	Filament	Figure	Part number
7669C	6,6	30	P28s	450	1000	38	C-2V	1	67830
7669H	**6,6**	**30**	**P28s**	**450**	**2000**	**38**	**	**1**	**58318**
7654C	6,6	45	P28s	730	1000	38	C-2V	1	67845
7654H	**6,6**	**45**	**P28s**	**730**	**2000**	**38**	**	**1**	**58320**
7668C	6,6	100	P28s	1850	1000	38	C-2V	1	67851
7670C	6,6	200	P28s	4600	200	44,5	CC-6	2	67860
6936C	6,6	210	P28s	4500	300	55,6	C-13	3	67861

Remark: bold marked types are Halogen Long life types



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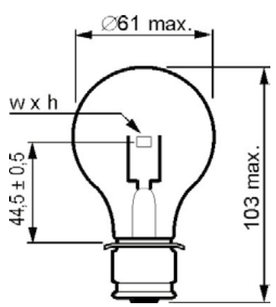

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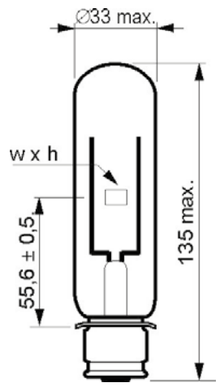

3

AIRFIELD LAMPS
CROSS-REFERENCE/REPLACEMENT GUIDE

GE types	Equivalent NARVA types	NARVA part no.
EVV	6128	58355
EWR	6292	58365
EXL	6112LL	58312
EXM	6134LL	58325
EZL	6372LL	58374
Q200/T4/CL	6372LL	58384
Q6.6A45PK30d-m	6303LL	58326
Q6.6A45PK30d-f	6130LL	58328
Q6.6A100PK30d-m	6116LL	58347
Q6.6A100PK30d-f	6121LL	58349
Q6.6A150PK30d-m	6392LL	58368
Q6.6A150PK30d-f	6118LL	58369
Q6.6A200PK30d-m	6117LL	58377
Q6.6A200PK30d-f	6139LL	58378
6,6A/T10P	7654C or H	67845 / 58320
6,6A/T10/1P	7669C or H	67830 / 58318
6,6A/T10/2P	7668C	67851
6,6A/T14/3P	6936C	67861

SLI types	Equivalent NARVA types	NARVA part no.
L2352 / 24522	6107LL	58306
L2354 / 21518	6139LL	58378
L2358 / 21496	6101LL	58304
L2359 / 21497	6106LL	58305
L2362 / 24526	6103	58307
L2368 / 21498	6105	58308
L2369 / 21499	6108	58310
L2370 / 21500	6102	58302
L2373 / 21483	6144	58334
L2500 / 21757	6112LL	58312
L2501 / 21686	6134LL	58325
L2502 / 24529	6292	58365
L2504 / 21696	6372LL	58374
L2505 / 24531	6128	58355
L2511 / 22214	6123	58323
L2513 / 22212	6343	58343
L2514 / 22211	6373	58373
L2517 / 21480	6315	58315

OSRAM types	Equivalent NARVA types	NARVA part no.
58750	6372LL	58374
58798	6128	58355
64316	6133	58331
64317 C 45-10	6303LL	58326
64317 IRC-A 45-30	6130LL	58328
64317 IRC-C 45-30	6303LL	58326
64318 A 45-10	6130LL	58328
64318 Z/C 45-10	6303LL	58326
64319 A 45-10	6132LL	58330
64319 Z/C 45-10	6133LL	58331
64319 IRC-A 45-30	6132LL	58330
64319 IRC-C 45-30	6133LL	58331
64320	6134LL	58325
64321	6123	58323
64322	6112LL	58312
64328 HLX-A 65-10	6125LL	58338
64328 HLX-Z/C 65-10	6304LL	58337
64331 SP-A 30-10	6144	58334
64333 A 40-15	6110	58301
64333 B 40-15	6102	58302
64333 C 40-15	6104	58303
64337 A 45-15	6145LL	58381
64337 B 45-15	6146LL	58382
64337 A 48-10	6143	58333
64337 C 48-10	58340	58340
64337 A 48-15	6101LL	58304

OSRAM types	Equivalent NARVA types	NARVA part no.
64337 B 48-15	6107LL	58306
64337 C 48-15	6106LL	58305
64338 AC	6138	58317
64339 A 105-10	6105	58308
64339 B 105-10	6103	58307
64339 C 105-10	6108	58310
64341 HLX-A 100-15	6121LL	58349
64341 HLX-Z/C 100-15	6116LL	58347
64342 HLX-A 100-15	6121LL	58349
64342 HLX-C 100-15	6116LL	58347
64346	6343	58343
64354	6292	58365
64361 HLX-A 150-15	6118LL	58369
64361 HLX-Z/C 150-15	6392LL	58368
64382 HLX-A 200-15	6139LL	58378
64382 HLX-C 200-15	6117LL	58377
64386	6373	58373

KLS types	Equivalent NARVA types	NARVA part no.
JFR 6.6A 48W/5-FC	6101LL	58304
JFR 6.6A 105W/5-FC	6105	58308
JFR 6.6A 40W/3-RF	6110	58301
JF 6.6A 200W PK/MC	6117LL	58377
JF 6.6A 45W PK/FC	6130LL	58328

design unico-gestaltung.de **photos** Ronny Becher; Igor Pastierovich; Axel Heilmann; fotolia.com – Sergiy Serdyuk, lassedesignen; istockphoto.com – ollo, annavaczi

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