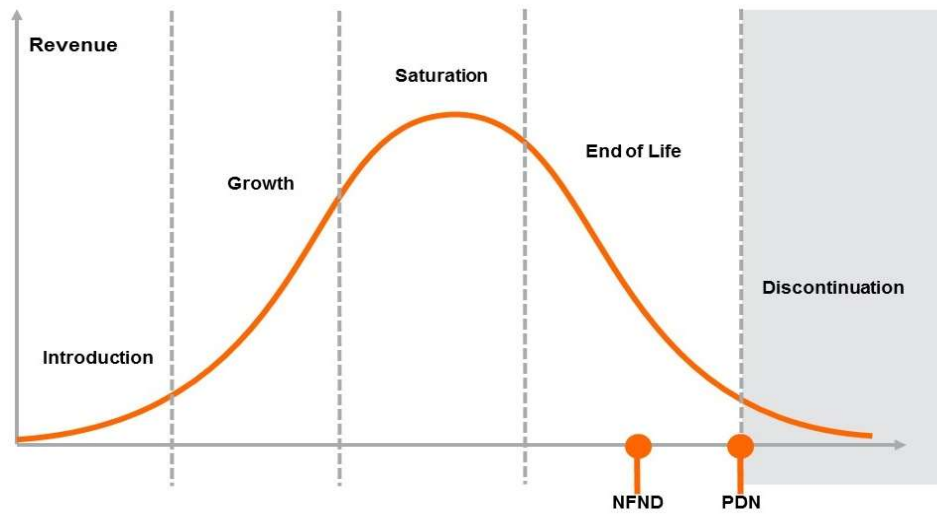


## Product or individual Q-Code Discontinuation (acc. JEDEC J-STD-048) OS-PDN-2022-033

15 June 2022

Last order: 31 December 2025

Last delivery: 30 June 2026



Please direct your feedback to your local Sales office.

DISCONTINUED				NEW (REPLACEMENT)		
Device	Ordering Code	Brand	Reason for discontinuation	Device	Datasheet Ordering Code	Brand
<b>Whole Device:</b>						
LE UW U1A2 01-5P8P-ebxD68-T10	Q65111A5407	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW2 HIL532.TK-D2D9-4L07M0-SC6B-A-R18	Q65112A8069	OSLON Black Flat S
LE UW U1A2 01-6P5Q-ebvF68ebzB68-T10	Q65111A7564	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW2 HIL532.TK-D2D9-4L07M0-SC6B-A-R18	Q65112A8069	OSLON Black Flat S
LE UW U1A2 01-7P6Q-ebxD68-T10-Q-HE	Q65111A8518	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW2 HIL532.TK-D2D9-4L07M0-SC6B-A-R18	Q65112A8069	OSLON Black Flat S
LE UW U1A2 01-6P5Q-ebxD68-T10-Q-HE	Q65111A8520	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW2 HIL532.TK-D2D9-4L07M0-SC6B-A-R18	Q65112A8069	OSLON Black Flat S
LE UW U1A2 01-7P8P-ebxD68-T10-Q-HE	Q65112A0470	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW2 HIL532.TK-D2D9-4L07M0-SC6B-A-R18	Q65112A8069	OSLON Black Flat S
LE UW U1A2 01-8P-ebxD68-T10-Q-AL	Q65112A3206	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW2 HIL532.TK-D2D9-4L07M0-SC6B-A-R18	Q65112A8069	OSLON Black Flat S
LE UW U1A2 01-7P6Q-ebzB68-T10-Q-HE	Q65112A5026	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW2 HIL532.TK-D2D9-4L07M0-SC6B-A-R18	Q65112A8069	OSLON Black Flat S
LE UW U1A2 01-6P5Q-ebxD68-1A-T10-VAR	Q65113A4677	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW2 HIL532.TK-D2D9-4L07M0-SC6B-A-R18	Q65112A8069	OSLON Black Flat S
<b>Whole Device:</b>						
LE UW U1A3 01-5Q8Q-ebxD68-T10	Q65111A4111	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HJL531.TE-T0T8-ebvFfcbB46-DFYF-A00-S	Q65112A8332	OSLON Black Flat S
LE UW U1A3 01-6Q6R-ebvF68ebzB68-T10	Q65111A7563	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HJL531.TE-T0T8-ebvFfcbB46-DFYF-A00-S	Q65112A8332	OSLON Black Flat S
LE UW U1A3 01-7Q8Q-ebxD68-T10-Q-HE	Q65112A2382	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HJL531.TE-T0T8-ebvFfcbB46-DFYF-A00-S	Q65112A8332	OSLON Black Flat S
LE UW U1A3 01-6Q6R-ebxD68-T10-Q-HE	Q65112A2383	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HJL531.TE-T0T8-ebvFfcbB46-DFYF-A00-S	Q65112A8332	OSLON Black Flat S
LE UW U1A3 01-7Q-ebxD68-T10-Q-AL	Q65112A3207	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HJL531.TE-T0T8-ebvFfcbB46-DFYF-A00-S	Q65112A8332	OSLON Black Flat S
LE UW U1A3 01-8Q-ebxD68-T10-Q-AL	Q65112A3620	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HJL531.TE-T0T8-ebvFfcbB46-DFYF-A00-S	Q65112A8332	OSLON Black Flat S
<b>Whole Device:</b>						
LE UW U1A4 01-8Q6R-ebxD68-T10	Q65111A4110	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-5R6R-ebxD68-T10-XX	Q65111A6620	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-5R8R-EBXD68-T10-XX	Q65111A6689	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-6R8R-ebxD68ebzB68-VAR	Q65111A7251	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-8Q8R-ebvF68ebzB68-T10	Q65111A7562	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-8Q7R-ebxD68-T10-Q-HE	Q65111A8534	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S

DISCONTINUED				NEW (REPLACEMENT)		
Device	Ordering Code	Brand	Reason for discontinuation	Device	Datasheet Ordering Code	Brand
LE UW U1A4 01-8Q6R-ebxD68-T10-Q-HE	Q65111A8535	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-5R7R-ebxD68-T10-Q-HE	Q65111A8536	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-5R7R-ebxD68-T10-ZKW	Q65111A8771	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-6R8R-ebxD68-T10-VAR	Q65111A9794	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-5R6R-ebxD68-T10-Q-HE	Q65112A1095	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-6R-ebxD68-T10-Q-AL	Q65112A3215	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
LE UW U1A4 01-6R8R-ebxD68-T10-XX	Q65112A9504	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HKL531.TE-F0F8-ebvFfcbB46-4LZL-A00-S	Q65112A8333	OSLON Black Flat S
<b>Whole Device:</b>						
LE UW U1A5 01-5R8R-ebxD68-T10	Q65111A4100	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-6R5S-ebxD68ebzB68-T10	Q65111A4470	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-6R7R-ebzB68-T10-XX	Q65111A4592	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-6R5S-ebxD68-T10	Q65111A6690	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-6R6S-ebvF68ebzB68-T10	Q65111A7561	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-6R5S-ebxD68-T10-Q-HE	Q65111A8533	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-7R5S-ebxD68-T10-Q-HE	Q65111A8574	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-7R8R-ebxD68-T10-Q-HE	Q65111A8575	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-8R6S-ebvF68ebzB68-T10-Q-XX	Q65112A1490	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-6R8R-ebxD68-T10-XX	Q65112A2066	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-8R6S-ebxD68ebzB68-T10-Q-XX	Q65112A2224	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S
LE UW U1A5 01-8R-ebxD68-T10-Q-AL	Q65112A3208	OSRAM OSTAR Headlamp Pro	No sufficient future volume forecast	KW HLL531.TE-G0G8-ebvFfcbB46-RS5R-A00-S	Q65112A8357	OSLON Black Flat S

Sensing is life

# Strategic phase-out of OSRAM OSTAR Headlamp Pro

Customer Info Package for:  
OS-PDN-2022-033  
Status: June 2022

OS AM EXT

# Strategic Phase-out

## Customer Info Package

Page

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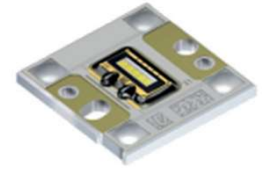
Strategic phase-out OSRAM OSTAR Headlamp Pro

02

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# Strategic phase-out OSRAM OSTAR Headlamp Pro (standard)

## General overview



phase-out OSRAM OSTAR Headlamp Pro  
with current chip technology

LE UW U1A2 01  
LE UW U1A3 01  
LE UW U1A4 01  
LE UW U1A5 01

Strategic phase-out in terms  
of long-term product phase-  
out.

OSLON Black Flat S

No 1:1 replacement

KW2 HIL532.TK  
KW HJL531.TE  
KW HKL531.TE  
KW HLL531.TE

Proposed strategic  
replacement products

### Target:

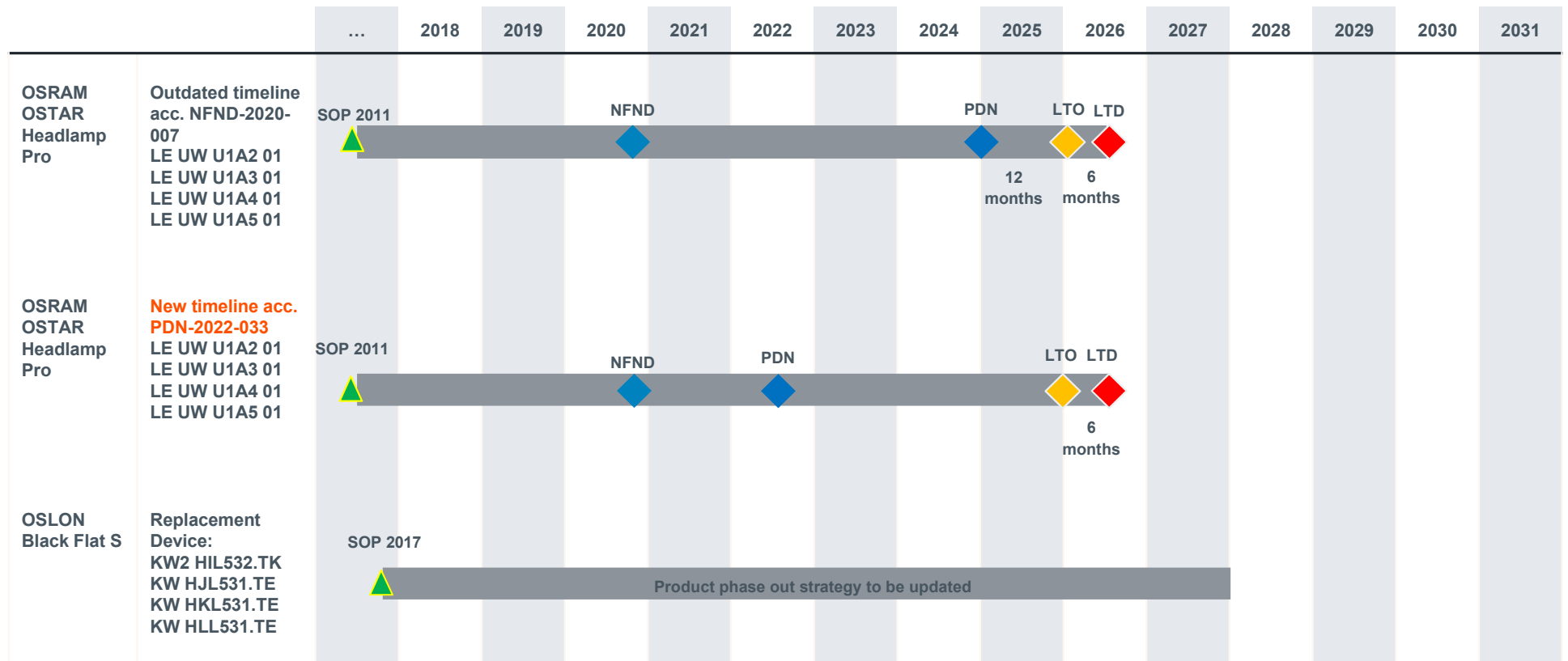
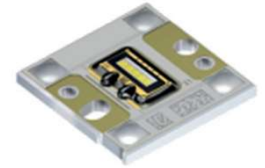
- Phase out of MCPCB technology from ams OSRAM portfolio
- The package technology using huge heatsink within the device has no significant design in relevance any longer.
- ams OSRAM offers a QFN based multi-Chip design instead.
- With even better performance for every new chip generation, the pricing for leadframe technology is more attractive than for MCPCB based devices.

### Benefits:

- Smaller package, improved thermal management, comparable optical design, less power consumption (less CO<sub>2</sub> emission).
- Smaller brightness binning steps (11%→5%).
- Lower product cost due to unnecessary heatsink (MCPCB).

# Strategic phase-out OSRAM OSTAR Headlamp Pro (standard)

## Strategic discontinuation timeline overview



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Thank you

For internal use

ami OSRAM