

Light is OSRAM

Not For New Designs OS-NFND-2020-007

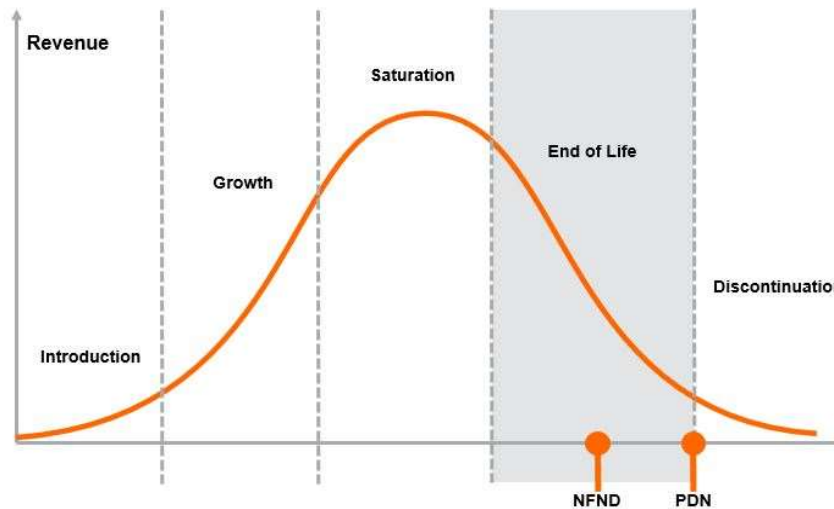
01 October 2020

Expected discontinuation date: 1-5 Years

Reason: The following products have reached their end of life.

OSRAM OS Expectations: Please use our recommended replacement for new designs. If they may not fit, please contact your local sales office for other solutions. Additionally we ask you to switch for running project as soon as possible to the proposed replacement. Anyway please check your demand and feedback your requested lifetime of these products.

Attention: Q# already announced to be in phase-out process will not be impacted. Dates published in corresponding PDN will be kept.

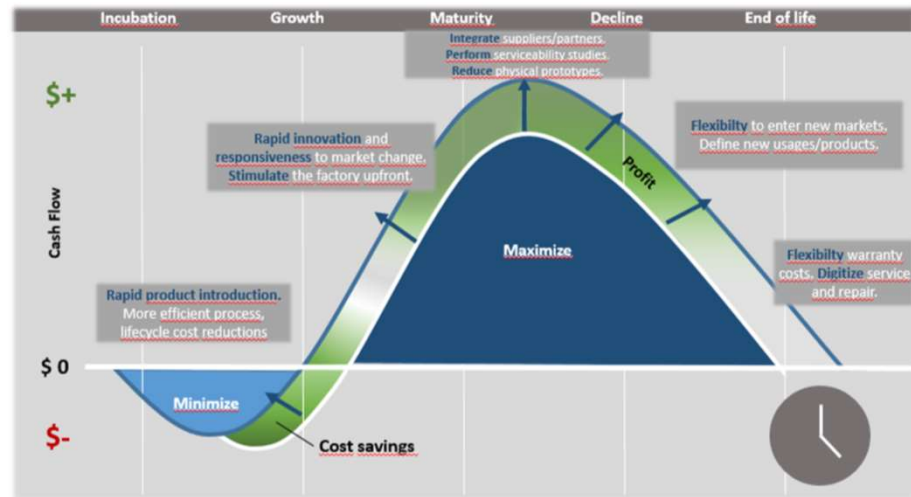


Please direct your feedback to your local Sales office.

| Not for new design products | | Recommended Replacement | | | |
|-----------------------------|--------------------------|-------------------------|--------------------|-------------------------|--------------------|
| Device | Brand | Device | Brand | Datasheet Ordering Code | Expected PDN start |
| LE UW U1A2 01 | OSRAM OSTAR Headlamp Pro | KW2 HIL532.TK | OSLON Black Flat S | Q65112A8069 | Q4 2024 |
| LE UW U1A3 01 | OSRAM OSTAR Headlamp Pro | KW HJL531.TE | OSLON Black Flat S | Q65112A8332 | Q4 2024 |
| LE UW U1A4 01 | OSRAM OSTAR Headlamp Pro | KW HKL531.TE | OSLON Black Flat S | Q65112A8333 | Q4 2024 |
| LE UW U1A5 01 | OSRAM OSTAR Headlamp Pro | KW HLL531.TE | OSLON Black Flat S | Q65112A8357 | Q4 2024 |
| LE UW U1A4 11 | OSRAM OSTAR Headlamp Pro | KW HKL531.TE | OSLON Black Flat S | Q65112A8333 | Q4 2024 |
| LE UW U1A5 11 | OSRAM OSTAR Headlamp Pro | KW HLL531.TE | OSLON Black Flat S | Q65112A8357 | Q4 2024 |
| LE UW T1A4 01 | OSRAM OSTAR Headlamp Pro | KW HKL531.TE | OSLON Black Flat S | Q65112A8333 | Q4 2024 |
| LE UW T1A6 12 | OSRAM OSTAR Headlamp Pro | KW HLL531.TE | OSLON Black Flat S | Q65112A8357 | Q4 2024 |

Strategic Phase-out

Customer Info Package for:
OS-NFND-2020-0xx
Status: October 2020

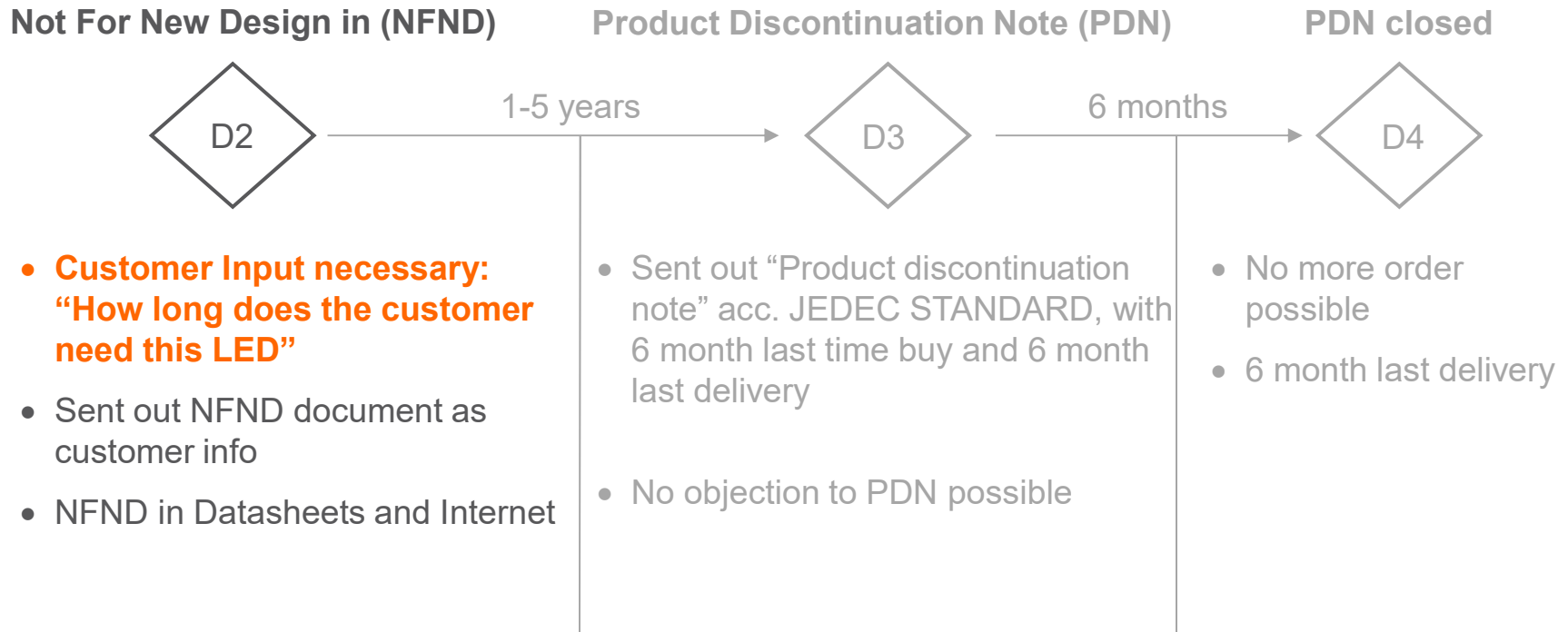


Strategic Phase-out Customer Info Package

| | Page |
|---|------|
| 1. General Information | 03 |
| 2. Strategic Phase-out OSTAR Headlamp Pro (standard) | 05 |
| 3. Strategic Phase-out OSTAR Headlamp Pro (connector) | 08 |
| 4. Strategic Phase-out OSTAR Headlamp Pro (submount) | 11 |

1. General Information

Customer feedback mandatory



Customer has 2-6 Years to switch to the recommended replacement

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| | Page |
|---|------|
| 1. General Information | 03 |
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2. Strategic Phase-out 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

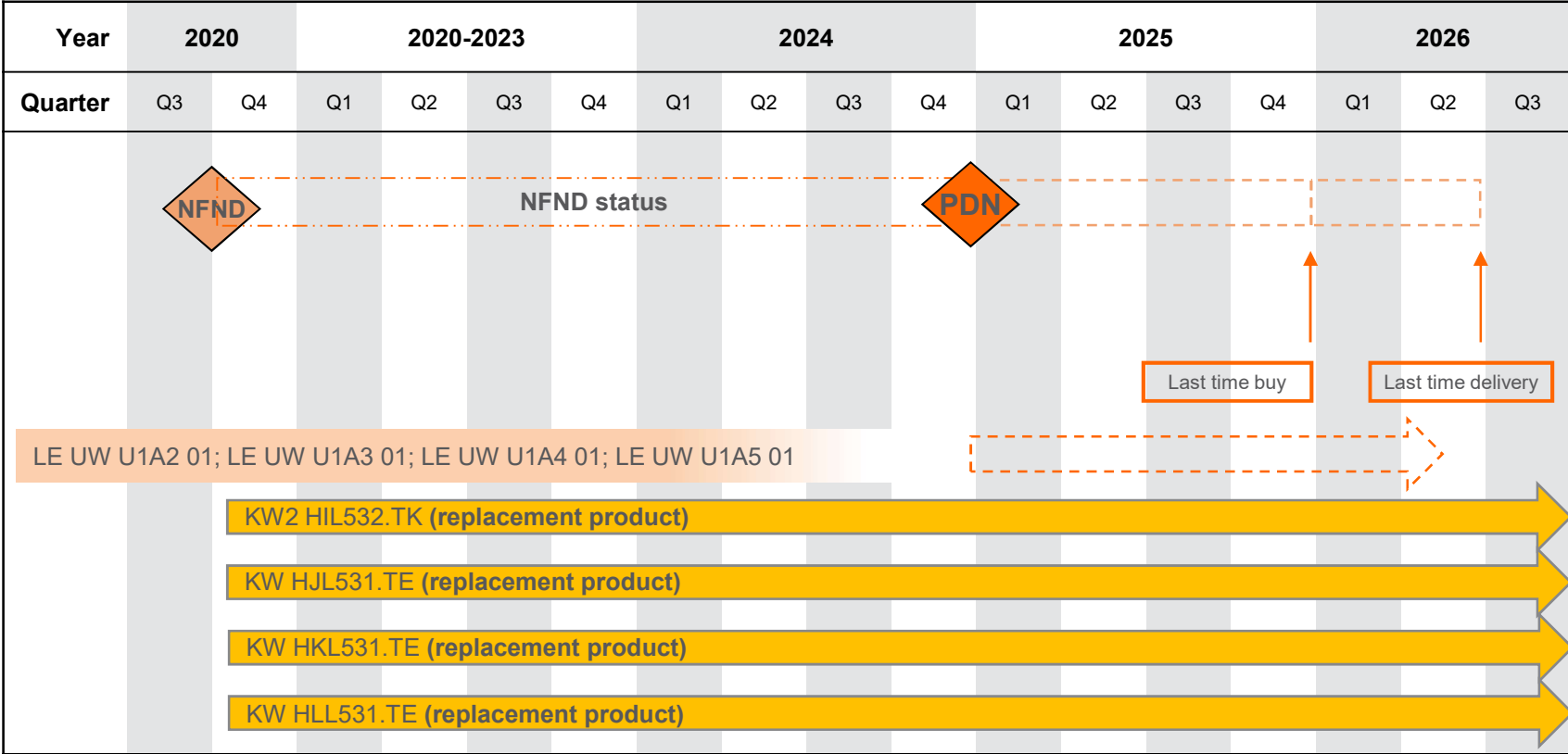
Proposed strategic
replacement products

Target: The package technology, using huge heatsink within the device has reached its end of life. OSRAM OS offers a smaller and much more economic version in QFN based multi-Chip design with even better performance. E. g. 4-Chip OBF-S can show comparable performance than 5-Chip OSRAM OSTAR Headlamp.

Benefits

- Smaller package, smaller amount of chips, improved thermal management, comparable optical design, less power consumption (less CO₂ emission)
- Smaller brightness binning steps (11%→5%).
- Lower product cost due to missing heatsink (Metal core board)

2. Strategic Phase-out OSTAR Headlamp Pro (standard) Planned time scenario for product phase-out



Strategic Phase-out Customer Info Package

| | Page |
|---|------|
| 1. General Information | 03 |
| 2. Strategic Phase-out OSTAR Headlamp Pro (standard) | 05 |
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3. Strategic Phase-out OSTAR Headlamp Pro (connector)

General overview

phase-out OSRAM OSTAR Headlamp Pro with current chip technology

LE UW U1A4 11
LE UW U1A5 11

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

OSLON Black Flat S

No 1:1 replacement

KW HKL531.TE
KW HLL531.TE

Proposed strategic replacement products

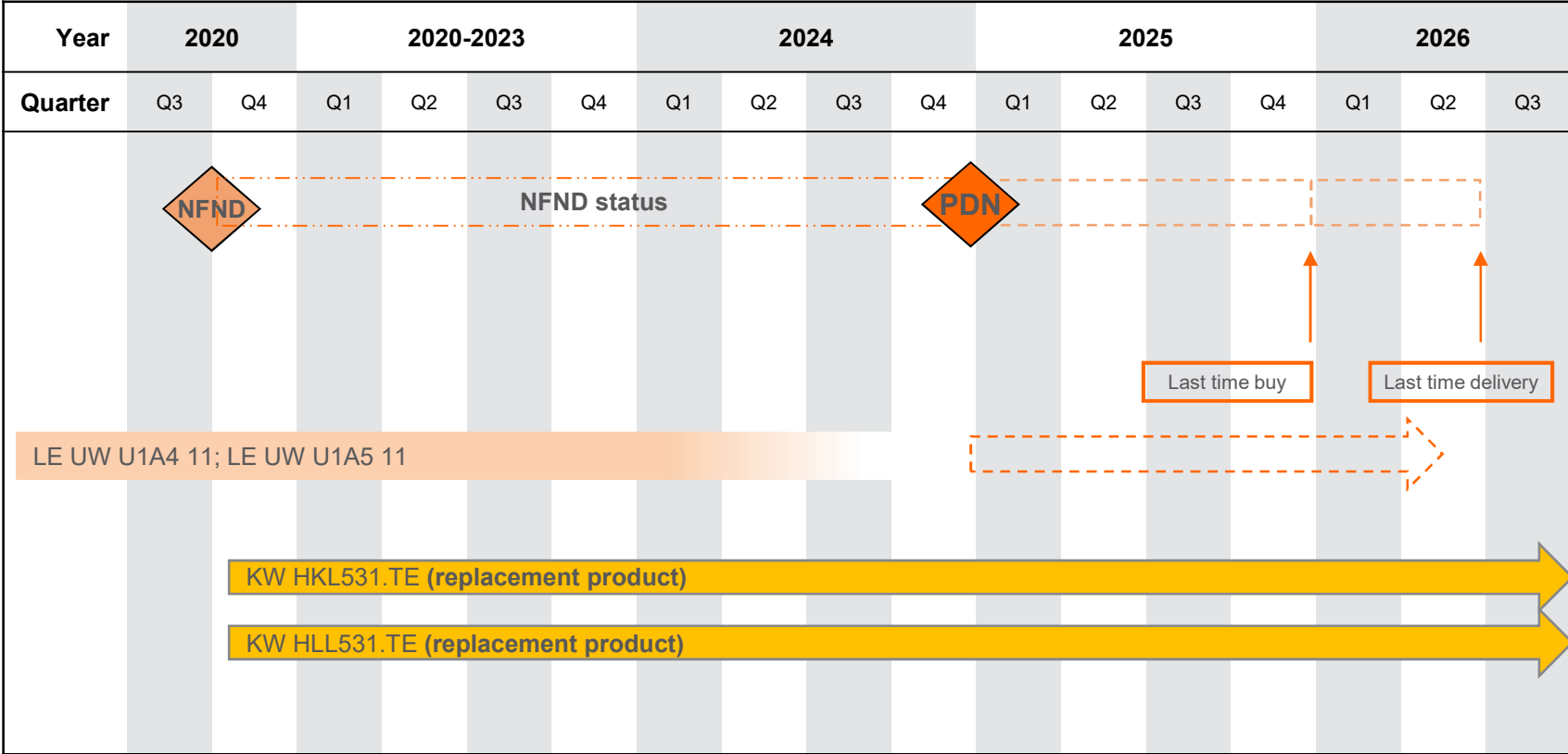
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Planned time scenario for product phase-out



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| | Page |
|---|------|
| 1. General Information | 03 |
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4. Strategic Phase-out OSTAR Headlamp Pro (submount)

General overview

phase-out OSRAM OSTAR Headlamp Pro with current chip technology

LE UW T1A4 01
LE UW T1A6 12

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

OSLON Black Flat S

No 1:1 replacement

KW HJL531.TE
KW HLL531.TE

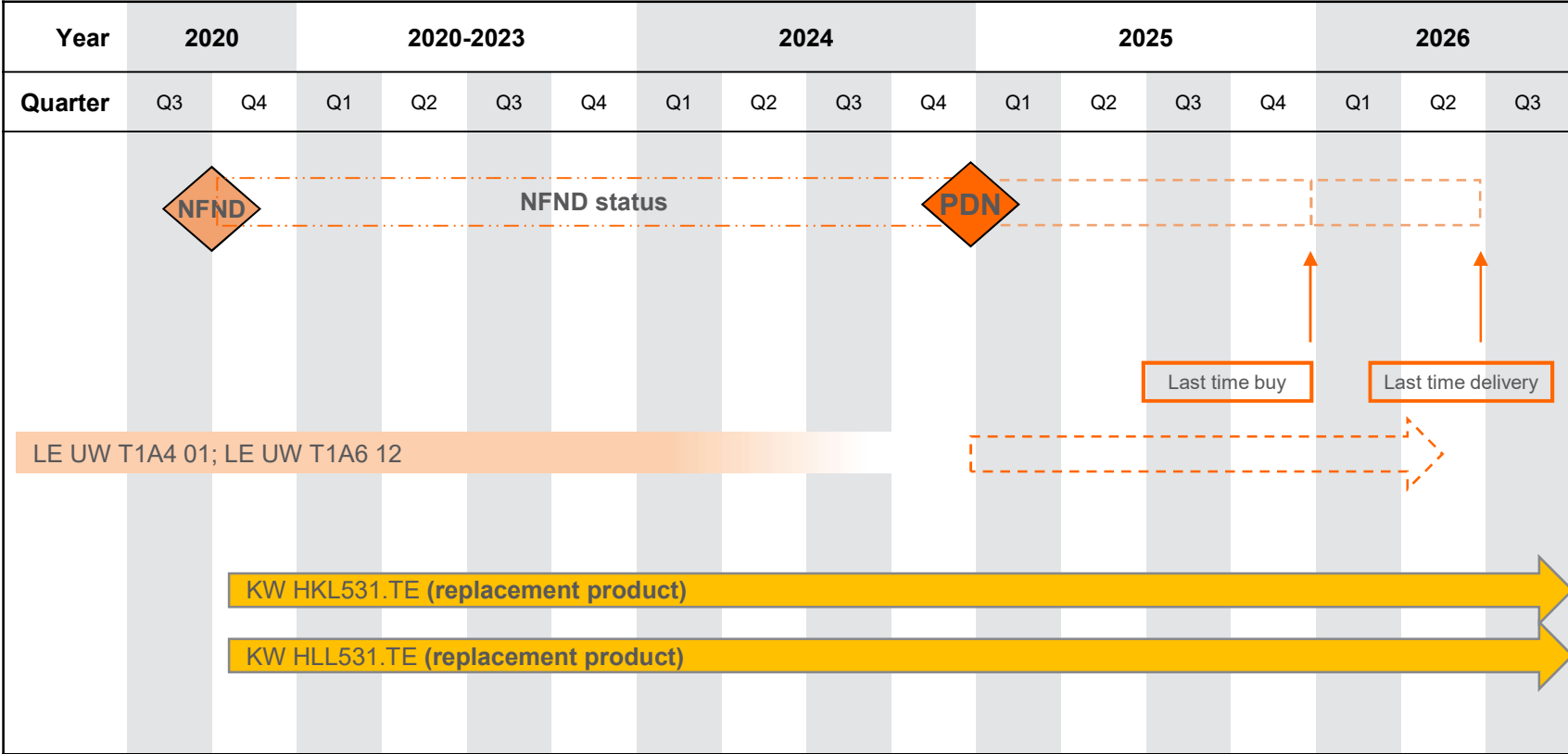
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www.osram-os.com

Thank you.

OSRAM
Opto Semiconductors