

Certificate

of constancy of performance

Number: 1304-CPR-0069 **Project file:** C20222045

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Product: TRAFFIC CONTROL EQUIPMENT – SIGNAL HEADS

Type reference: Model: Yulux2.VLP

Trademark: YUNEX TRAFFIC

Manufacturer: YUNEX GmbH
Otto-Hahn-Ring 6, 81739 München, Germany

Place of manufacture, Yunex Traffic Limited, Sopers Lane, Poole BH17 7ER, United Kingdom
Inspection file number: **35384-28312**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the

Standard: EN 12368:2006

under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to ensure the constancy of performance of the construction product.

Test report: T211-0940/22 (2022-12-02)

Notified body: SIQ Ljubljana
Mašera-Spasičeva ulica 10, SI-1000 Ljubljana, Slovenia

Identification number: 1304

This certificate was first issued on **2022-12-02**, and will remain valid as long as neither the harmonized standard, the construction product, the AVCP methods nor the manufacturing conditions in place of manufacture are modified significantly, unless suspended or withdrawn by the notified body.

Date: 2022-12-02

Authorized signature: Bojan Pečavar

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Number: 1304-CPR-0069

Additional information:

Size: 200 mm / 300 mm signal heads
Impact resistance: Class IR3, Class IR2, Class IR1
Environmental parameters:
- Temperature range: Class A, Class B, Class C
- Ingress protection: IP55 (enclosures provided with gasket)
Luminous intensity: See Table(s) 1 for details
Distribution of luminous intensity: See Table(s) 1 for details
Luminance uniformity: ≥ 10 (for Types E, Wand M)
 ≥ 15 (for Type N)
Maximum phantom signal: See Table(s) 2 for details
Colors of signal lights: All colours within the colour boundaries
Signal head enclosure: Yulux2.VLP, 200 mm / Yulux2.VLP 300 mm
(constructions with 1, 2 or 3 aspects)
Supply input ratings: 24 Vd.c. +20% / -15%; 1,7 W; 200 mm / 300 mm diameter

Remarks: /

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Certificate of constancy of performance

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Table 1: Luminous intensity/ Light distribution classes for Yulux2.VLP signal heads:

Opt. units:	200 mm inserts	200 mm inserts
Classes:		
Signal head part number ref./type:	V24765-*2**8-J* Yulux2.VLP	L24765-*2**8-J* Yulux2.VLP
Signal Insert part number ref.:	R: V24765-X2008-J1 Y: V24765-X2008-J2 G: V24765-X2008-J3	R: L24765-X2008-J1 Y: L24765-X2008-J2 G: L24765-X2008-J3
Optical test report number:	T211-0896/22	T211-0903/22
Front lens:	Grey	Colour
Nr. Of LED:	2/ 2/ 2 (R/ Y/ G)	2/ 2/ 2 (R/ Y/ G)
E B1/1	–	–
E B2/2	–	–
W A1/1	–	–
W A2/1	–	–
W A3/1	–	–
W B1/2	R, Y, G	R, Y, G
W B2/1	R, Y, G	R, Y, G
W B2/2	R, Y, G	R, Y, G
W B3/2	–	–
M A2/1	R, Y, G	R, Y, G
M A3/1	–	–
M A2/2	R, Y, G	R, Y, G
M A3/2	–	–
N A2/1	R, Y, G	R, Y, G
N A3/1	–	–
N B2/2	R, Y, G	R, Y, G
N B3/2	–	–
Supplementary information:	R = RED colour; Y = YELLOW colour; G = GREEN colour	

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Certificate of constancy of performance

Number: 1304-CPR-0069

Table 2: Maximum phantom signal for Yulux2.VLP signal heads:		
Opt. units:	200 mm inserts	200 mm inserts
Classes:		
Signal head part number ref./type:	V24765-*2**8-J* Yulux2.VLP	L24765-*2**8-J* Yulux2.VLP
Signal Insert part number ref.:	R: V24765-X2008-J1 Y: V24765-X2008-J2 G: V24765-X2008-J3	R: L24765-X2008-J1 Y: L24765-X2008-J2 G: L24765-X2008-J3
Optical test report number:	T211-0896/22	T211-0903/22
Front lens:	Grey	Colour
Nr. Of LED:	2/ 2/ 2 (R/ Y/ G)	2/ 2/ 2 (R/ Y/ G)
Phantom class for RED colour:	4	4
Phantom class for YELLOW colour:	4	4
Phantom class for GREEN colour:	3	3

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Certificate of constancy of performance

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Table 1: Luminous intensity/ Light distribution classes for Yulux2.VLP signal heads:

Opt. units:	300 mm inserts	300 mm inserts
Classes:		
Signal head part number ref./type:	V24765-*3**8-J* Yulux2.VLP	L24765-*3**8-J* Yulux2.VLP
Signal Insert part number ref.:	R: V24765-X3008-J1 Y: V24765-X3008-J2 G: V24765-X3008-J3	R: L24765-X3008-J1 Y: L24765-X3008-J2 G: L24765-X3008-J3
Optical test report number:	T211-0904/22	T211-0905/22
Front lens:	Grey	Colour
Nr. Of LED:	2/ 2/ 2 (R/ Y/ G)	2/ 2/ 2 (R/ Y/ G)
E B1/1	-	-
E B2/2	-	-
W A1/1	-	-
W A2/1	-	-
W A3/1	-	-
W B1/2	-	-
W B2/1	-	-
W B2/2	-	-
W B3/2	-	-
M A2/1	-	-
M A3/1	-	-
M A2/2	-	-
M A3/2	-	-
N A2/1	G	G
N A3/1	G	G
N B2/2	R, Y, G	R, Y, G
N B3/2	R, Y, G	R, Y, G
Supplementary information:	R = RED colour; Y = YELLOW colour; G = GREEN colour	

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Certificate of constancy of performance

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Table 2: Maximum phantom signal for Yulux2.VLP signal heads:		
Opt. units:	200 mm inserts	200 mm inserts
Classes:		
Signal head part number ref./type:	V24765-*3**8-J* Yulux2.VLP	L24765-*3**8-J* Yulux2.VLP
Signal Insert part number ref.:	R: V24765-X3008-J1 Y: V24765-X3008-J2 G: V24765-X3008-J3	R: L24765-X3008-J1 Y: L24765-X3008-J2 G: L24765-X3008-J3
Optical test report number:	T211-0904/22	T211-0905/22
Front lens:	Grey	Colour
Nr. Of LED:	2/ 2/ 2 (R/ Y/ G)	2/ 2/ 2 (R/ Y/ G)
Phantom class for RED colour:	4	5
Phantom class for YELLOW colour:	4	5
Phantom class for GREEN colour:	3	5

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