

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

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

VMS6.67S-4535RGB

Scope: Vertical road signs – Variable message traffic signs

The product fulfils the essential characteristic:

See Annex 1

Intended use: Variable Message signs installed permanently for the instruction and guidance of road users on public and private road including tunnels

Placed on the market under the name or trade mark of:

Shenzhen Chip Optech Co., Ltd.
5th Floor, Tower C,
Baoshi Technological Park
Baoshi Road, Shiyan Street, Baoan District, Shenzhen City
China

and produced in the manufacturing plant: CPA30019

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

EN 12966-1:2005+A1:2009 : Road vertical signs - Variable message traffic signs - Part 1: Product standard

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.

This certificate was first issued on 2024-03-27 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: **2024-03-27**



Merete Poulsen
Responsible for evaluation



Lene Skovbjerg
Responsible for certification decision

The certificate shall be reproduced in extenso
– extracts only with written permission from DBI Certification A/S.

DBI Certification A/S

Jernholmen 12, 2650 Hvidovre
Tlf.: 36 34 90 90

E-mail: info@dbicertification.dk
www.dbicertification.dk



DANAK
PROD Reg.nr.7023

Version 2023-09-13
Page 1 of 3

Annex 1

EXTENT

Type	Performance	
VMS6.67S-4535RGB	Visual: Colour: Luminance: Luminance ratio: Beam width: Uniformity: Visible flicker: Physical environmental Temperature: Resistance to pollution: Resistance to corrosion: Degrees of protection provided by enclosure: Physical structural Safety factors: Wind pressure Dynamic pressure from snow clearances: Point loads: Temporary deflections bending: Temporary deflections torsion: Passive safety: Impact resistance: Vibration resistance:	C2 L3, L3(*) R3 B6 Pass Pass T1, T3 D3 Pass P3 PAF2 WL9 DSL3 PL0 TDB1 TDT2 Class0 Pass Pass

Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
SGS-CSTC	GZEE230600224001	2024-02-07
	GZEM230600317501	2024-02-06
	GZES230601134721	2023-12-20
	GZES230601134731	2023-12-20
	GZES230601134741	2023-12-20
	GZES230601134751	2023-12-20
	GZES230601134761	2023-12-20

The certificate shall be reproduced in extenso
 – extracts only with written permission from DBI Certification A/S.

DBI Certification A/S

Jernholmen 12, 2650 Hvidovre
 Tlf.: 36 34 90 90

E-mail: info@dbicertification.dk
 www.dbicertification.dk

Annex 3

TECHNICAL BASIS

Title	Date
Spatial Structure calculation book Version 1.0	2023-10-23
VMS6.67S-4535RGB Users Manual V1.0	2024-02-02
VMS6.67S-4535RGB Dimension drawing	2023-11-29
VMS6.67S-4535RGB Circuit diagram V1.0	2024-02-02
VMS6.67S-4535RGB PCB LAYOUT V1.0	2023-12-08
VMS6.67S-4535RGB component life time declaration	2024-02-04
VMS6.67S-4535RGB-DOP-01	2024-02-02

The certificate shall be reproduced in extenso
– extracts only with written permission from DBI Certification A/S.

DBI Certification A/S

Jernholmen 12, 2650 Hvidovre
Tlf.: 36 34 90 90

E-mail: info@dbicertification.dk
www.dbicertification.dk