

CERTIFICATE

No. U6 107319 0005 Rev. 00

Holder of Certificate: **Hess GmbH Licht + Form**

Lantwattenstr. 22
78050 Villingen-Schwenningen
GERMANY

Certification Mark:

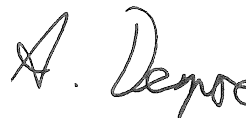


Product: **Luminaires for road and street lighting**

The product was voluntarily tested according to the listed standards. The product can be marked with the certification mark shown above. It is not permitted to alter the certification mark in any way. In addition, the certificate holder must not transfer the certificate to third parties. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 028-713179652-000

Date, 2020-12-16



(Alexander Depre)

CERTIFICATE

No. U6 107319 0005 Rev. 00

Model(s):

CITY ELEMENTS Series

16.02100.0V005, 16.02100.0V007, 16.02100.0V009,
 16.02100.0V011, 16.02100.0V013, 16.02100.0V021,
 16.02100.0V023, 16.02100.0V025, 16.02100.0V027,
 16.02100.0V033, 16.02100.0V035, 16.02100.0V037,
 16.02100.0V039, 16.02100.0V049, 16.02100.0V051,
 16.02100.0V053, 16.02100.0V055, 16.02100.0V061,
 16.02100.0V063, 16.02100.0V065, 16.02100.0V067,
 16.02100.0V069, 16.02100.0V071, 16.02100.0V077,
 16.02100.0V079, 16.02100.0V081, 16.02100.0V083,
 16.02200.0V005, 16.02200.0V007, 16.02200.0V009,
 16.02200.0V011, 16.02200.0V013, 16.02200.0V021,
 16.02200.0V023, 16.02200.0V041, 16.02200.0V043,
 16.02200.0V045, 16.02200.0V047, 16.02200.0V057,
 16.02200.0V059, 16.02200.0V065, 16.02200.0V067,
 16.02200.0V069, 16.02200.0V071, 16.02200.0V073,
 16.02200.0V075, 16.02200.0V077, 16.02200.0V079,
 16.02200.0V085, 16.02200.0V087

Brand Name:

.hess

Parameters:

Model name:	CITY ELEMENTS series
Method of installation:	On a post top
Rated voltage (V~):	220-240
Rated frequency (Hz):	50-60
Max. Rated wattage (W):	See model list below
Type of protection:	Class I
Protection class (IP):	65
Protection class (IK):	06

Model	Input Wattage (W)	Colour Temperature (K)	Used Optic
16.02100.0V005	28	3000	O3
16.02100.0V007	28	4000	O3
16.02100.0V009	28	3000	O4
16.02100.0V011	28	4000	O4
16.02100.0V013	28	3000	O5
16.02100.0V021	28	3000	O7
16.02100.0V023	28	4000	O7
16.02100.0V025	28	3000	O8
16.02100.0V027	28	4000	O8
16.02100.0V033	20	3000	O3

CERTIFICATE

No. U6 107319 0005 Rev. 00

16.02100.0V035	20	4000	O3
16.02100.0V037	20	3000	O4
16.02100.0V039	20	4000	O4
16.02100.0V049	20	3000	O7
16.02100.0V051	20	4000	O7
16.02100.0V053	20	3000	O8
16.02100.0V055	20	4000	O8
16.02100.0V061	15	3000	O3
16.02100.0V063	15	4000	O3
16.02100.0V065	15	3000	O4
16.02100.0V067	15	4000	O4
16.02100.0V069	15	3000	O5
16.02100.0V071	15	4000	O5
16.02100.0V077	15	3000	O7
16.02100.0V079	15	4000	O7
16.02100.0V081	15	3000	O8
16.02100.0V083	15	4000	O8

16.02200.0V005	28	3000	O3
16.02200.0V007	28	4000	O3
16.02200.0V009	28	3000	O4
16.02200.0V011	28	4000	O4
16.02200.0V013	28	3000	O5
16.02200.0V021	28	3000	O7
16.02200.0V023	28	4000	O7
16.02200.0V041	20	3000	O3
16.02200.0V043	20	4000	O3
16.02200.0V045	20	3000	O4
16.02200.0V047	20	4000	O4
16.02200.0V057	20	3000	O7
16.02200.0V059	20	4000	O7
16.02200.0V065	15	3000	O1
16.02200.0V067	15	4000	O1
16.02200.0V069	15	3000	O3
16.02200.0V071	15	4000	O3
16.02200.0V073	15	3000	O4



CERTIFICATE

No. U6 107319 0005 Rev. 00

16.02200.0V075	15	4000	O4
16.02200.0V077	15	3000	O5
16.02200.0V079	15	4000	O5
16.02200.0V085	15	3000	O7
16.02200.0V087	15	4000	O7

16.02100... without housing sided shielding 200-2 AR-L1.9
 16.02200... with house sided shielding 200-2 AA-L1.9

O1 = For Main roads
 O3 = For Main roads
 O4 = Foot- and bike paths
 O5 = Parking lots
 O7 = Asymmetrical wide distribution
 O8 = Localized lighting

Tested according to: EN 60598-1:2015/A1:2018
 EN 60598-2-3:2003/A1:2011

Production Facility(ies): 107319