

## Type Certified Lighting Equipment for Aerodromes

22.09.11

Ser. NoNo	Designation (name) of equipment	Marking of equipment	Issued to	Number of Certificate	Date of issue	Remarks (Notes)
1	Landing lighting equipment complex "Svecha-3" for ICAO Cat I	OIOX 402.014	Ministry of Electrotechnical Industry USSR	002	12.07.78	Certificate canceled 22.04.04
2	Landing lighting equipment complex "Svecha-3" for ICAO Cat II	OIOX.402.014	Ministry of Electrotechnical Industry USSR	007	02.07.79	Certificate canceled 22.04.04
3	Compact lens light	92 302 A-Д	"Elektrosignal-Prague a.s.", Czech Republic	6	06.09.95	Certificate canceled 24.01.01
4	Inset unidirectional light	95 605 A,B	"Elektrosignal-Prague a.s.", Czech Republic	7	06.09.95	Certificate canceled 04.06.03
5	Inset bidirectional light	95 651 A,B	"Elektrosignal-Prague a.s.", Czech Republic	8	06.09.95	Certificate canceled 04.06.03
6	Precision approach path indicator	95 293	"Elektrosignal-Prague a.s.", Czech Republic	9	06.09.95	Certificate canceled 24.01.01
7	Non-controlled airfield sign	95 801 A-E	"Elektrosignal-Prague a.s.", Czech Republic	10	28.12.95	Certificate canceled 03.06.08
8	Constant current regulator ZKPT-7	94 455-94 459 A-H	"Elektrosignal-Prague a.s.", Czech Republic	11	28.12.95	Certificate canceled 24.01.01
9	Remote control equipment ИД-6-AT	94 210	"Elektrosignal-Prague a.s.", Czech Republic	12	28.12.95	Certificate canceled 03.06.08
10	Remote controller M-3P	94 107	"Elektrosignal-Prague a.s.", Czech Republic	13	28.12.95	Certificate canceled 03.06.08
11	Inset runway centre line light	IDM 6001	IDMAN OY, Finland	16	06.05.96	Special limitations
12	Inset touchdown zone light	IDM 6002	IDMAN OY, Finland	17	06.05.96	Certificate canceled 21.12.98
13	Inset threshold /runway end light	IDM 6003	IDMAN OY, Finland	18	06.05.96	Special limitations
14	Inset runway edge light	IDM 4052	IDMAN OY, Finland	19	06.05.96	Special limitations
15	Inset taxiway centre line light	IDM 5602 S/C	IDMAN OY, Finland	20	06.05.96	Special limitations
16	Inset taxiway centre line light	IDM 5506	IDMAN OY, Finland	21	06.05.96	Special limitations
17	Inset taxiway centre line/stop bar light	IDM 5507	IDMAN OY, Finland	22	06.05.96	Special limitations
18	Inset taxiway centre line light for curves	IDM 5508	IDMAN OY, Finland	23	06.05.96	Special limitations
19	Elevated approach/threshold/runway end light	IDM 2982	IDMAN OY, Finland	24	06.05.96	Certificate canceled 21.12.98
20	Approach flash light unit	IDM 6290	IDMAN OY, Finland	25	06.05.96	
21	Precision approach path indicator	IDM 6005	IDMAN OY, Finland	26	06.05.96	Certificate canceled

						21.12.98
22	High-intensity omni-direction elevated runway light	IDM 5848	IDMAN OY, Finland	27	06.05.96	Certificate canceled 21.12.98
23	Elevated taxiway edge light	IDM 5777	IDMAN OY, Finland	28	06.05.96	
24	Constant current regulator	IDM 7000	IDMAN OY, Finland	29	06.05.96	
25	Primary airfield lighting cable	LKCM	IDMAN OY, Finland	30	06.05.96	Special limitations
26	Secondary cable	VSB-A	IDMAN OY, Finland	31	06.05.96	Special limitations
27	Isolating transformers	KR531,KR541 KR551	IDMAN OY, Finland	32	06.05.96	Special limitations
28	Taxiway guidance sign internally illuminated	IDM 6101	IDMAN OY, Finland	33	06.05.96	Special limitations
				Addition No. 1 to Certificate No.33	21.06.07	Certificate Owner changed
29	Elevated approach/ threshold/ runway end light	FAE-1-200	SIEMENS AG, Germany	35	20.08.96	Special limitations
30	High-intensity omni-directional elevated runway light	BPE-2-150	SIEMENS AG, Germany	36	20.08.96	Special limitations
	Modification of low intensity light	BPE-2-65 BPE- 2-100	ADB BVBA, Belgium	Addition No. 1 to Certificate No. 36	03.06.04	
				Addition No. 2 to Certificate No.36	07.09.10	Certificate Owner changed
31	Precision approach path indicator	PPL 400/1  PPL 400/2, PPL 400/3	SIEMENS AG, Germany	37	20.08.96	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 37	17.11.03	Special limitations on PPL 400/1 lifted
				Addition No. 2 to Certificate No.37	07.09.10	Certificate Owner changed
32	Runway centre line bidirectional/ unidirectional inset light	FRC-2-90/ FRC-1-45	SIEMENS AG, Germany	38	20.08.96	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No.38	07.09.10	Certificate Owner changed
33	Touch down zone light	FTZ-1-045	SIEMENS AG, Germany	39	20.08.96	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No.39	07.09.10	Certificate Owner changed
34	Elevated taxiway edge light	VEE-3-030	SIEMENS AG, Germany	40	20.08.96	
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 40	24.03.10	Certificate Owner changed
35	Approach low intensity omni- directional elevated light	ABI-H	SIEMENS AG, Germany	41	20.08.96	Special limitations

36	Inset runway edge light	SIH-TN2	SIEMENS AG, Germany	42	20.08.96	Special limitations
37	Inset threshold light	SIH-U3	SIEMENS AG, Germany	43	20.08.96	Special limitations
38	Inset runway end light	REF-1-200	SIEMENS AG, Germany	44	20.08.96	Special limitations
39	Approach or RTIL capacitor discharge with unidirectional light	UDC 60/6 + FAE-1-360	SIEMENS AG, Germany	45	20.08.96	
40	Obstruction light and twin obstruction light	5NQ32 5NQ33	SIEMENS AG, Germany	46	20.08.96	Special limitations
41	Omni-directional elevated light	95 302 A	“Elektrosignal-Prague a.s.”, Czech Republic	47	12.09.96	Certificate canceled 24.01.01
42	Elevated light	95 201	“Elektrosignal-Prague a.s.”, Czech Republic	48	12.09.96	Certificate canceled 24.01.01
43	Constant current regulator ZKPT-7	94 460 A-H	“Elektrosignal-Prague a.s.”, Czech Republic	49	12.09.96	Certificate canceled 24.01.01
44	Inset runway edge light	FED-2-200	SIEMENS AG, Germany	50	10.11.96	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 50	07.09.10	Certificate Owner changed
45	Inset runway end light	FEN-1-100	SIEMENS AG, Germany	51	10.11.96	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 51	07.09.10	Certificate Owner changed
46	Inset threshold/runway end light	FTE-2-300	SIEMENS AG, Germany	52	10.11.96	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 52	07.09.10	Certificate Owner changed
47	Inset threshold light	FTH-1-200	SIEMENS AG, Germany	53	10.11.96	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 53	07.09.10	Certificate Owner changed
48	Inset approach light	FAP-1-300	SIEMENS AG, Germany	54	10.11.96	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 54	07.09.10	Certificate Owner changed
49	Primary airfield lighting cable with plug connectors	FLYCY + 5NQ 9407	SIEMENS AG, Germany	55	10.11.96	
50	Secondary cable	HO7RN-F OZOFLEX	SIEMENS AG, Germany	56	10.11.96	
51	Isolating transformers	RC 8126	SIEMENS AG, Germany	57	10.11.96	Special limitations
52	Constant current regulator	TCR 5000	SIEMENS AG, Germany	58	10.11.96	
53	Control and monitoring systems	SICOMOS	SIEMENS AG, Germany	59	10.11.96	Special limitations
54	Wind direction indicator	5NQ70	SIEMENS	60	10.11.96	Special

			AG, Germany			limitations
55	Low intensity omni-directional light	IDM 2927	IDMAN OY, Finland	64	30.12.96	Special limitations
56	Modular low-voltage switchgear system	MNS	ABB Schaltanlagentechnik GmbH, Germany	77	18.06.97	Special limitations
57	Flaccid light equipment	SELENA	Airtransport Company "VOLARE", Russia	78	01.07.97	Certificate canceled 14.04.99
58	Components of lighting equipment set manufactured by SIEMENS (Germany), installed at "Shere-metyevo" airport	SQ-1045, SQ-2100, 5NQ42, VSF, PVM, ОПРК-2, ОПИ, ЦР-12	"Shere-metyevo" International Airport, Russia	79	04.07.97	Special limitations
59	Low-intensity lens light for lighting systems with concurrent power networks	AMEP. 676642.035	Shareholders society with limited responsibility "Aerosvet" Russia	80	18.07.97	
			LLC "Aerosvet", Russia	Addition No. 1 to Certificate No. 80	12.07.07	Serial production approved
60	Airport monitor and control system	AMS-1	TRANSCON Electronic Systems, Czech Republic	81	05.08.97	
				Addition No. 1 to Certificate No. 81	17.04.06	See Note <sup>2)</sup>
61	Constant current regulator	TCR	TRANSCON Electronic Systems, Czech Republic	82	05.08.97	Special limitations
				Addition No. 1 to Certificate No. 82	27.02.07	Scope of application extended
62	Airfield lights manufactured by "THORN" Company (France), installed at Aktau airport	EL-AT, EL-EAH, EL-EAM	Open JSC "International airport Aktau", Kazakhstan Republic	88	23.12.97	Special limitations
63	Electrical power distributing panel with automatic reserve power commissioning ЦР-12М	ДЖКИ. 656564. 001.	Open JSC "Vyazemski electrotechnical enterprises", Russia	90	30.12.97	Special limitations Certificate suspended 20.10.03
64	Electrical power distributing panel with automatic reserve power commissioning ЦР-12А	ДЖКИ. 656554. 001.	Open JSC "Vyazemski electrotechnical enterprises", Russia	91	30.12.97	Special limitations Certificate suspended 20.10.03
65	Airfield signs	SAFE-2, SAFE-3	ABB Energieanlagenbau GmbH, Germany	92	26.12.97	Certificate canceled 28.01.04
66	Primary airfield lighting cable	FLYCY	ABB Energieanlagenbau GmbH, Germany	93	26.12.97	Certificate canceled 28.01.04
67	Secondary cable	HO7RN-F	ABB Ener-	94	26.12.97	Certificate

		(OZOFLEX)	gieanlagenbau GmbH, Germany			canceled 28.01.04
68	Isolating transformers	ABB-ILT	ABB Energieanlagenbau GmbH, Germany	95	26.12.97	Certificate canceled 28.01.04
69	Control and monitoring system consisting of: <ul style="list-style-type: none"> <li>• constant current regulators ABB CCR;</li> <li>• ABB PI system;</li> <li>• local area network LAN;</li> <li>• ABB Procontic CS31 system</li> </ul>	ABB COSAL	ABB Energieanlagenbau GmbH, Germany	96	26.12.97	Special limitations
	Control and monitoring system	LUCEBIT COSAL	LUCEBIT GmbH, Germany	Addition No. 1 to Certificate No. 96	23.11.04	Certificate Owner changed
70	Power and control panel ЦПУ	AMEP. 656514. 005	Shareholders society with limited responsibility Aerosvet", Russia	101	29.07.98	Special limitations
			LLC "Aerosvet", Russia	Addition No. 1 to Certificate No. 101	17.12.02	Certificate Owner changed
71	Control and monitoring systems АДУ	AMEP. 424211. 001	Shareholders society with limited responsibility Aerosvet", Russia	102	29.07.98	Special limitations
72	Elevated light	ATR	Honeywell Airport Systems GmbH, Germany	107	12.11.98	Special limitations
	Modification of the elevated light – runway guard light	ATR-RGL		Addition No. 1 to Certificate No. 107	22.12.04	
73	Omni-directional elevated light	RTO-25	Honeywell Airport Systems GmbH, Germany	108	12.11.98	Special limitations
		RTO25-APL		Addition No. 1 to Certificate No. 108	27.12.10	Scope of application extended
74	Precision approach path indicator	PWF-52	Honeywell Airport Systems GmbH, Germany	109	12.11.98	Special limitations
75	Approach flash light with blocks SFU-40 and FTU-40	ASL-40	Honeywell Airport Systems GmbH, Germany	110	12.11.98	Special limitations
76	Airfield signs	TGS	Honeywell Airport Sys-	111	12.11.98	Special limitations

		TGS-2	tems GmbH, Germany	Addition No. 1 to Certificate No. 111	22.12.04	Special limitations
		TGS-A		Addition No. 2 to Certificate No. 111	22.03.07	Special limitations
77	Approach lighting masts	GRP	Honeywell Airport Sys- tems GmbH, Germany	112	12.11.98	
78	Inset light	IDM 6002	IDMAN OY, Finland	113	21.12.98	Special limitations
79	Elevated light	IDM 2982	IDMAN OY, Finland	114	21.12.98	Special limitations
	Modifications of the elevated light with lamps 65, 100 and 150 W		IDMAN Oy Air- field Lighting Equipment, Finland	Addition No. 1 to Certificate No. 114	26.08.02	Scope of application extended
80	Precision approach path indica- tor	IDM 6005	IDMAN OY, Finland	115	21.12.98	Special limitations
81	Omni-directional elevated light	IDM 5848	IDMAN OY, Finland	116	21.12.98	Special limitations
	Modifications of the omni- directional elevated light with lamps 150 and 200 W without filter and with yellow one used as runway edge lights in HIL-I, II, III systems		IDMAN Oy Air- field Lighting Equipment, Finland	Addition No. 1 to Certificate No. 116	26.08.02	Limitations on runway width removed
82	Remote control system	IDM 7600	IDMAN OY, Finland	117	21.12.98	Special limitations
83	Low voltage switchboard	EHR	IDMAN OY, Finland	118	21.12.98	Special limitations
84	Flaccid light equipment "Selena"	MK.180.000	Airtransport Company "VOLARE", Russia	126	14.04.99	Special limitations. Certificate suspended 25.04.03
85	Low voltage switchboard	8MF-8PU	SIEMENS AG, Germany	127	26.04.99	Special limitations
86	Circuit selector	CST	SIEMENS AG, Germany	128	26.04.99	Special limitations
87	Microprocessor controlled con- stant current regulator	MCR	SIEMENS AG, Germany	129	26.04.99	Special limitations
88	Individual lamp control and monitoring system consisting of: • BRITE computer; • BRITE master; • BRITE remote	BRITE	SIEMENS AG, Germany	130	26.04.99	Special limitations
89	Inset lights	FTC/FTS/FTD	SIEMENS AG, Germany	131	26.04.99	
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 131	24.03.10	Certificate Owner changed
90	Inset lights	ATF-1-350	SIEMENS AG, Germany	132	26.04.99	

91	Inset lights (45W) with blue filter, used as taxiway edge lights	FTO	SIEMENS AG, Germany	133	26.04.99	
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 133	24.03.10	Certificate Owner changed
92	Elevated lights	FAE	SIEMENS AG, Germany	134	26.04.99	
93	Markers with blue reflecting plating type Scotchline™ 3800	LINLANER	SIEMENS AG, Germany	135	26.04.99	
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 135	07.09.10	Certificate Owner changed
94	Airfield signs (with halogen lamps 48W or luminescent lamps 24W).	PVO	SIEMENS AG, Germany	136	26.04.99	Special limitations
95	Elevated lights	EL-AT	THORN EUROPHANE, France	137	06.05.99	
96	Bi-directional elevated light (150 W)	EL-EAH	THORN EUROPHANE, France	138	06.05.99	
97	Omni-directional elevated light	EL-EAM	THORN EUROPHANE, France	139	06.05.99	
98	Inset lights	IN-RC/RE/RN/RT	THORN EUROPHANE, France	140	06.05.99	
		INL-RT, INL-RC		Addition No. 1 to Certificate No. 140	22.12.05	
99	Inset lights	IN-TO/TT/SB	THORN EUROPHANE France	141	06.05.99	
100	Inset light (45 W)	IN - OMA	THORN EUROPHANE France	142	06.05.99	
101	Inset lights	INL-AP/RE/RN/RET	THORN EUROPHANE, France	143	06.05.99	
102	Isolating transformers	KR	THORN EUROPHANE, France	144	06.05.99	
103	Visual approach slope indicator (2x200W)	PBA	THORN EUROPHANE, France	145	06.05.99	
104	High-voltage connectors	KD500,KD510	THORN EUROPHANE, France	146	06.05.99	
105	Low-voltage connectors	KD501, KD502, KD503, KD503/R	THORN EUROPHANE, France	147	06.05.99	
106	Airfield signs (with halogen lamps 45 W or luminescent lamps)	MGS	THORN EUROPHANE, France	148	06.05.99	Special limitations
107	Bidirectional elevated light (150W) without filter, with yellow and red filters	FP 150	O.C.E.M. S.p.A, Italy	163	20.09.99	

108	Visual approach slope indicator (2x200W) used in PAPI and APAPI systems	401	O.C.E.M. S.p.A, Italy	164	20.09.99	
109	Elevated light	FAU	O.C.E.M. S.p.A, Italy	165	20.09.99	
110	Omni-directional elevated light	VC 30	O.C.E.M. S.p.A, Italy	166	20.09.99	
111	Inset light (2x48 W) without filter and with red filter	SLCL	O.C.E.M. S.p.A, Italy	167	20.09.99	
112	Inset light (2x48 W) without filter, with yellow and red filter	SLRE	O.C.E.M. S.p.A, Italy	168	20.09.99	
113	Inset light (48 W) without filter	SLTZ	O.C.E.M. S.p.A, Italy	169	20.09.99	
114	Inset light	SLAP	O.C.E.M. S.p.A, Italy	170	20.09.99	
115	Inset lights (3x105 W) with green and red filter	SLTE	O.C.E.M. S.p.A, Italy	171	20.09.99	
116	Inset light (2x105 W) ) with green filter	SLTH	O.C.E.M. S.p.A, Italy	172	20.09.99	
117	Inset light	SL	O.C.E.M. S.p.A, Italy	173	20.09.99	
118	Airfield sign with luminescent lamps (30 W)	IGS	O.C.E.M. S.p.A, Italy	174	20.09.99	Special limitations
119	Obstruction light on light-radiate diode	30 7563-001-18126472-98/ЯАЦР.676631.001	Open JSC . "Scientific-manufacturing company "Svecha", Russia	178	15.11.99	Special limitations Certificate suspended 20.01.11
120	Isolating transformer	NTR	Honeywell Airport Systems GmbH, Germany	181	09.12.99	Special limitations
121	Constant current regulator	ALS – CCR	Honeywell Airport Systems GmbH, Germany	182	09.12.99	
122	Control and monitoring system with addressable switch device	CAM ASD	Honeywell Airport Systems GmbH, Germany	183	09.12.99	Special limitations
				Addition No. 1 to Certificate No. 183	18.07.06	See Note <sup>3)</sup>
123	Insert light	BOF 8	Honeywell Airport Systems GmbH, Germany	184	09.12.99	
124	Light manufacturing by "Electrosignal – Prague with lamp 45 V without a filter. Used as an approach light and light horizon in low intensity light systems on Magnitogorsk aerodrome	92302Д	Airport Magnitogorsk, Russia	189	23.12.99	Special limitations
125	Switchgear and remote controller set of "KURS-1" series	УР ТАКИ. 656341.003 ПДУ ТАКИ. 656613.044	Shareholders society with limited responsibility "Aerokurs-M", Russia	191	31.01.00	
				LLC "Aero-	Addition	30.01.09

			PromEnergó", Russia	No. 2 to Certificate No. 191		production approved
126	Omni-directional elevated low intensity light of "KURS-1" series	HEKLI. 676112.013	Shareholders society with limited responsibility "Aerokurs-M", Russia	192	31.01.00	
			LLC "Aero-PromEnergó", Russia	Addition No. 2 to Certificate No. 192	30.01.09	Serial production approved
127	Asymmetrical omni-directional elevated light	003 000	"AIR ELECTRA ENGINEERING" Czech Republic	198	29.03.00	Certificate cancelled 21.01.03
128	Semi-asymmetrical omni-directional elevated light	003 155	"AIR ELECTRA ENGINEERING" Czech Republic	199	29.03.00	Certificate cancelled 21.01.03
129	Symmetrical omni-directional elevated light	003 200	"AIR ELECTRA ENGINEERING" Czech Republic	200	29.03.00	Certificate cancelled 21.01.03
130	Unidirectional light	003 300	"AIR ELECTRA ENGINEERING" Czech Republic	201	29.03.00	Certificate cancelled 21.01.03
131	Low voltage switchboard	TRS 10	TRANSCON Electronic Systems, Czech Republic	214	31.07.00	
132	Elevated light	004 125, 004 126, 004 127	JSC AIR ELECTRA ENGINEERING a.s, Czech Republic	215	08.08.00	Certificate cancelled 21.01.03
133	Isolating transformers: • 45 W ; • 65 W ; • 100 W ; • 150 W ; • 200 W ; • 300 W	OC04516c-01 OC065625-01 OC100625-01 OC150665-01, OC150666-01 OC200665-01 OC300666-01	O.C.E.M. S.p.A., Italy	218	04.09.00	
134	Constant current regulator	UR-SCR	O.C.E.M. S.p.A, Italy	219	04.09.00	
135	Primary connectors kits	52 super, 54 super	O.C.E.M. S.p.A, Italy	220	04.09.00	
136	Secondary connectors kits	90P, 90R, 91P, 91R	O.C.E.M. S.p.A, Italy	221	04.09.00	
137	Remote control desk	028.3001	O.C.E.M. S.p.A, Italy	222	04.09.00	Special limitations
138	Distributed airfield lighting control and monitoring system	DIGITRAC	O.C.E.M. S.p.A, Italy	225	08.12.00	Special limitations
139	Isolating transformers	RST	SIEMENS AG, Germany	227	15.12.00	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 227	24.03.10	Certificate Owner changed

140	Uninterruptible power suppliers models 30, 40, 60 kVA	Series 7200	Liebert HIROSS, Italy	230	22.01.01	
141	Uninterruptible power suppliers models 80,160, 200 kVA	Series Hipulse	Liebert HIROSS, Italy	231	22.01.01	
142	Compact lens light	92302 A-D	ELTODO a.s., Czech Republic	232	24.01.01	
			ELTODO EG, Czech Republic	Addition No. 1 to Certificate No.232	05.06.03	Certificate Owner changed
143	Modifications of elevated light	95201	ELTODO a.s., Czech Republic	233	24.01.01	
			ELTODO EG, Czech Republic	Addition No. 1 to Certificate No.233	05.06.03	Certificate Owner changed
144	Light for the precision approach path indicator	95293	ELTODO a.s., Czech Republic	.234	24.01.01	Special limitations
			ELTODO EG, Czech Republic	Addition No. 1 to Certificate No.234	05.06.03	Certificate Owner changed
145	Omni-directional elevated light (33 W) with yellow filter	95302 A	ELTODO a.s., Czech Republic	235	24.01.01	
			ELTODO EG, Czech Republic	Addition No. 1 to Certificate No.235	05.06.03	Certificate Owner changed
146	Constant current regulator	ZKPT-7 94455 - 94460 A-H	ELTODO a.s., Czech Republic	236	24.01.01	Special limitations
			ELTODO EG, Czech Republic	Addition No. 1 to Certificate No 236	05.06.03	Certificate Owner changed
147	Inset touchdown zone light with gauze filter	FTZ-1-100	SIEMENS AG, Germany	238	11.03.01	
148	Primary connectors kits	CKE 52, CKE 54	SIEMENS AG, Germany	239	11.03.01	
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 239	07.09.10	Certificate Owner changed
149	Secondary connectors kits	90P/R, 91P/R	SIEMENS AG, Germany	240	11.03.01	
150	Elevated light	EL 217	ERNI Licht-Technik AG, Switzerland	245	15.05.01	
151	Omni-directional elevated light	EL 224/225	ERNI Licht-Technik AG, Switzerland	246	15.05.01	
152	Inset light	Ser. IL 230	ERNI Licht-Technik AG, Switzerland	247	15.05.01	
		Ser. IL 233, IL 237, IL 237R		Addition No. 1 to Certificate No 247	08.07.09	
153	Inset light	Ser. IL 240	ERNI Licht-Technik AG, Switzerland	248	15.05.01	
		Ser. IL 243, IL 247		Addition No. 1 to Certificate	08.07.09	

154	Inset light	Ser. IL 250	ERNI Licht-Technik AG , Switzerland	No 248		
				249	15.05.01	
				Addition No. 1 to Certificate No.249	27.06.06	See Note <sup>4)</sup>
		Ser. IL 254R-TEL 16r		Addition No. 2 to Certificate No.249	08.07.09	
155	Inset light	Ser. IL 260	ERNI Licht-Technik AG, Switzerland	250	15.05.01	
156	Inset light	Ser. IL 270	ERNI Licht-Technik AG, Switzerland	251	15.05.01	
		Ser. IL 273		Addition No. 1 to Certificate No.251	08.07.09	
157	Inset light	Ser. IL 280	ERNI Licht-Technik AG, Switzerland	252	15.05.01	
		Ser. IL 283, IL 287, IL 287 R		Addition No. 1 to Certificate No.252	08.07.09	
158	Isolating transformers ИОТ	ИАРК.671110	Open JSC "Electrozavod Holding Co", Russia	254	28.06.01	Certificate suspended 30.03.05
159	Isolating transformers of rating power: - 45W; - 65W; - 100W; - 150W; - 200W; - 300W	KR 531 KR 536 KR 541 KR 546 KR 551 KR 561	ENSTO CON-NECTOR OY, Finland	262	04.09.01	See Note <sup>1)</sup>
			EFLA OY, Finland	Addition No.1 to Certificate No. 262	21.06.05	Certificate Owner changed
160	Primary connectors for screened cable and for unscreened cable	KD 500 KD 510	ENSTO CON-NECTOR OY, Finland	263	04.09.01	See Note <sup>1)</sup>
			EFLA OY, Finland	Addition No. 1 to Certificate No. 263	21.06.05	Certificate Owner changed
161	Secondary connectors for two-core cable and for two single core wires	KD 501 KD 502 KD 503 KD 503/R	ENSTO CON-NECTOR OY, Finland	264	04.09.01	See Note <sup>1)</sup>
			EFLA OY, Finland	Addition No. 1 to Certificate No. 264	21.06.05	Certificate Owner changed
162	Primary cable for 3 kV and 5 kV (1×6 mm?and 1×10 mm?)	CHAU	KABLO Kladno a.s., Czech Republik	274	23.01.02	Special limitations
			nkt cables, a.s., Czech Republik	Addition No. 1 to Certificate No. 274	25.10.02	Certificate Owner changed
163	Secondary cable 2x2,5 mm?и 2x4 mm?	HO7RN-F (AO7RN-F)	KABLO Kladno a.s., Czech Republik	275	23.01.02	Special limitations
			nkt cables, a.s.,	Addition No.1 to	25.10.02	Certificate Owner

			Czech Republik	Certificate No. 275		changed
164	The facility for remote monitoring and control of ground airdrome equipment "Micron"	АЮЛВ 468323.001	Closed JSC "Company Aerocom", Russia	282	16.04.02	Special limitations
			JSC "Company Aerocom", Russia	Addition No.1 to Certificate No.282	12.12.06	Serial production approved
				Addition No.2 to Certificate No.282	19.12.07	Scope of application extended
				Addition No.3 to Certificate No.282	24.02.10	Serial production approved
165	Primary cable 3 kV 1x6+6.	HVL	REKA CABLES Ltd, Finland	284	04.07.02	
166	Primary cable 5 kV 1x6+2,5	HVL	REKA CABLES Ltd, Finland	285	04.07.02	Special limitations
167	Runway guard elevated light	IDM 6301	IDMAN Oy Airfield Lighting Equipment, Finland	291	26.08.02	
168	Omni-directional elevated light	IDM 5013	IDMAN Oy Airfield Lighting Equipment, Finland	292	26.08.02	
169	Inset unidirectional light	IDM 4651	IDMAN Oy Airfield Lighting Equipment, Finland	293	26.08.02	
170	Inset bidirectional light	IDM 4552	IDMAN Oy Airfield Lighting Equipment, Finland	294	26.08.02	
171	Inset unidirectional light	IDM 2051	IDMAN Oy Airfield Lighting Equipment, Finland	295	26.08.02	
172	Inset bidirectional light	IDM 4062/2?105W-C - C/Y - R/Y	IDMAN Oy Airfield Lighting Equipment, Finland	296	26.08.02	
173	Inset unidirectional light	IDM 4351/2?105W-G	IDMAN Oy Airfield Lighting Equipment, Finland	297	26.08.02	
174	Inset unidirectional light	IDM 4361/105W-R	IDMAN Oy Airfield Lighting Equipment, Finland	298	26.08.02	
175	Inset bidirectional combined light	IDM 4352/2?105W/105W - G/R	IDMAN Oy Airfield Lighting Equipment, Finland	299	26.08.02	
176	Inset bidirectional light	IDM 4562	IDMAN Oy Airfield Lighting Equipment, Finland	300	26.08.02	

177	Inset unidirectional light	IDM 4661	IDMAN Oy Airfield Light- ing Equipment, Finland	301	26.08.02	
178	Constant current regulator	IDM 8000	IDMAN Oy Airfield Light- ing Equipment, Finland	302	26.08.02	
179	Markers with reflecting plating	AMEP. 305618.001	LLC "Aeros- vet", Russia	305	17.12.02	
180	Asymmetrical omni-directional elevated light	003 0xx	TRANSCON Electronic Systems, spol. s r.o., Czech Republic	307	21.01.03	Scope of applica- tion ex- tended
		0030xx/m		Addition No. 1 to Certificate No.307	26.10.04	
181	Semi-asymmetrical omni- directional elevated light with lamp 100 W	003 155	TRANSCON Electronic Sys- tems, spol.s r.o. Czech Republic	308	21.01.03	
182	Symmetrical omni-directional elevated light	003 2xx	TRANSCON Electronic Sys- tems, spol.s r.o. Czech Republic	309	21.01.03	
183	Unidirectional light	003 3xx	TRANSCON Electronic Sys- tems, spol.s r.o. Czech Republic	310	21.01.03	
184	Elevated light	004 12x	TRANSCON Electronic Sys- tems, spol.s r.o. Czech Republic	311	21.01.03	
185	Omni-directional elevated light	ЖИПЦ. 676641001	LLC "Prozhek- tor", Russia	312	21.01.03	Certificate suspended 29.01.04
			LLC "Gusev Light Fixtures Plant "Prozhek- tor", Russia	Addition No. 1 to Certificate No. 312	08.05.03	Certificate Owner changed
186	Elevated light	ЖИПЦ. 676642.001	LLC "Proz- hektor", Russia	313	21.01.03	Certificate suspended 29.01.04
			LLC "Gusev Light Fixtures Plant "Prozhek- tor", Russia	Addition № 1 to Certificate № 313	8.05.03	Certificate Owner changed
187	Elevated omni-directional light with integral isolating transformer	ML 111	TRANSCON Electronic Systems, spol. s r.o., Czech Republic	314	22.01.03	
		ML 121		Addition № 1 to Certificate No. 314	31.10.05	Scope of applica- tion ex- tended
		ML 122		Addition № 2 to Certificate No. 314	10.05.11	
188	Aerodrome sign	TZP-E	TRANSCON Electronic	315	22.01.03	

			Systems, spol. s r.o., Czech Republic			
189	Monitor and control system	AMS PICO	TRANSCON Electronic Systems, spol. s r.o., Czech Republic	316	22.01.03	
190	Primary airfield lighting cable	KBOPЭH-5 1 × 6	Open JSC "Kamkabel", Russia	317	12.03.03	Certificate cancelled 01.01.10
191	Primary airfield lighting cable	KBOPЭB-5 1 × 6	Open JSC "Kamkabel", Russia	318	12.03.03	Certificate cancelled 01.01.10
192	Constant current regulators	CCR 30	Honeywell Airport Systems GmbH, Germany	319	17.03.03	
		95605 (modifications 65 877 351 – 65 877 358)		Addition No. 1 to Certificate No. 319	11.08.05	See Note <sup>5)</sup>
				Addition No. 2 to Certificate No. 319	27.12.10	Scope of application extended
193	Inset unidirectional lights	95605 (modifications A - D)	ELTODO EG, a.s., Czech Republic	325	05.06.03	Special limitations
194	Inset bidirectional lights	95651 modifications A – D	ELTODO EG, a.s., Czech Republic	326	05.06.03	
195	Wind direction indicator	95808 A	ELTODO EG, a.s., Czech Republic	327	05.06.03	
196	Wind direction indicator	95809 A	ELTODO EG, a.s., Czech Republic	328	05.06.03	Special limitations
197	Control console for low intensity lighting systems	95105	ELTODO EG, a.s., Czech Republic	329	05.06.03	
198	Omni-directional elevated light	ФАДИ. 676645.003 ФАДИ.676645.003-49 - ФАДИ.676645.003-55;	Federal State Unitary Enterprise "Leading Special Design Bureau "Prozhektor", Russia	337	11.12.03	Special limitations
				Addition No. 1 to Certificate No. 337	14.05.09	
				Addition No. 2 to Certificate No. 337	15.05.09	Special limitations removed
				Addition No. 3 to Certificate No. 337	22.12.10	Serial production approved
199	Elevated light	ФАДИ.	Federal State	338	11.12.03	Special

		676646.001 ФАДИ. 676646.001-10 ФАДИ. 676646.001-03 ФАДИ. 676646.001-09	Unitary Enterprise "Leading Special Design Bureau "Prozhektor", Russia	Addition No. 1 to Certificate No. 338	28.12.05	limitations Special limitations removed
				Addition No. 2 to Certificate No. 338	12.04.07	Scope of application extended
			OJS Company "Leading Special Design Bureau "Prozhektor" Russia	Addition No. 3 to Certificate No. 338	22.12.10	Serial production approved
200	Constant current regulators with output current 6,6 A and power 2.5, 5.0, 7.5, 10.0 кVA	ФАДИ. 674265.001	Federal State Unitary Enterprise "Leading Special Design Bureau "Prozhektor" Russia	339	11.12.03	Certificate cancelled 22.12.10
201	Switchboard for rated current 100 A	ФАДИ. 656564.004	Federal State Unitary Enterprise "Leading Special Design Bureau "Prozhektor", Russia	340	11.12.03	
			OJS Company "Leading Special Design Bureau "Prozhektor", Russia	Addition No. 1 to Certificate No. 340	22.12.10	Serial production approved
202	Switchboard for rated current 400 A	ФАДИ. 656564.007	Federal State Unitary Enterprise "Leading Special Design Bureau "Prozhektor", Russia	341	11.12.03	
			Open JSC "Leading Special Design Bureau "Prozhektor", Russia	Addition No. 1 to Certificate No. 341	22.12.10	Serial production approved
203	Flashing light of EFS system	95401	ELTODO EG, a.s., Czech Republic	347	14.01.04	
204	Primary airfield lighting cable	PIRELLI FL 2X <CB> 2Y 8 AWG 5000 V	LLC "Aerosvet", Russia	361	11.05.04	Special limitations
205	Primary airfield lighting cables 5kV and 6 kV	БЕТАlux, БЕТАlux-AT	Studer Cables Manufacturer Ltd, Switzerland	364	14.07.04	
206	The system for remote monitoring and control with applications software	ФАДИ. 442222.004	Federal State Unitary Enterprise "Leading Special De-	367	21.10.04	Special limitations

			sign Bureau "Prozhektor", Russia			
			Open JSC "Leading Special Design Bureau "Prozhektor", Russia	Addition No. 1 to Certificate No. 367	22.12.10	Serial production approved
207	Isolating transformers	ФАДИ. 671.1221.009, ФАДИ. 671.1221.010, ФАДИ. 671.1221.014	Federal State Unitary Enterprise "Leading Special Design Bureau "Prozhektor", Russia	368	21.10.04	Certificate cancelled 22.12.10
208	Primary airfield lighting cable of 7 kV	LUCEBIT FSK	LUCEBIT GmbH, Germany	371	23.11.04	
209	Isolating transformers of 100, 200 and 300 W power	NTR/1E	Honeywell Airport Systems GmbH, Germany	374	22.12.04	Special limitations
				Addition No. 1 to Certificate No. 374	10.08.05	See Note <sup>6)</sup>
210	Primary airfield lighting cable of 3 kV and 5 kV	"Reith Spezialkabel"	Honeywell Airport Systems GmbH, Germany	375	22.12.04	Special limitations
				Addition No. 1 to Certificate No. 375	10.08.05	Special limitations removed
211	Secondary cable	HO7RN-F 2x4	Honeywell Airport Systems GmbH, Germany	376	22.12.04	Special limitations
				Addition No.1 to Certificate No. 376	10.08.05	Special limitations removed
212	Secondary cable	NYCWY 4x16/16	Honeywell Airport Systems GmbH, Germany	377	22.12.04	Special limitations
				Addition No. 1 to Certificate No. 377	10.08.05	Special limitations removed
213	Modifications of elevated light	НЕКШ. 676112.008	LLC "Aerokurs-M", Russia	378	01.02.05	
			LLC "Aero- PromEnerg", Russia	Addition No. 1 to Certificate No. 378	30.01.09	Serial production approved
214	Modifications of omni-directional light used as runway edge lights for Cat I,II,III,	НЕКШ.676112. 009, НЕКШ.676112. 009-01, НЕКШ.676112. 009-02	LLC "Aerokurs-M", Russia	379	01.02.05	
			LLC "Aero- PromEnerg", Russia	Addition No. 1 to Certificate No. 379	30.01.09	Serial production approved
215	Omni-directional light used as taxiway edge lights	НЕКШ. 676112.015	LLC "Aerokurs-M",	380	01.02.05	

			Russia			
			LLC "Aero-PromEnergо", Russia	Addition No. 1 to Certificate No. 380	30.01.09	Serial production approved
216	Remote controller of " KURS-1" series	HEKШ. 656613.007	LLC "Aerokurs-M", Russia	381	01.02.05	
			LLC "Aero-PromEnergо", Russia	Addition No. 1 to Certificate No. 381	30.01.09	Serial production approved
217	Aircraft Positioning System with the software	VDOCKS™	Siemens AG I and S ITSA, Germany	386	05.05.05	Special limitations. Certificate suspended 27.01.06
218	Aerodrome signs with an internal illumination	ФРЖИ. 676653.001 – ФРЖИ. 676653.008	Closed JSC "Research and Production Company "Promstar-12", Russia	387	07.06.05	See Note <sup>7)</sup>
				Addition No. 1 to Certificate No. 387	18.07.06	
			Federal State Unitary Enterprise "Leading Special Design Bureau "Prozhektor" ,Russia	Addition No. 2 to Certificate No. 387	16.11.07	Certificate Owner changed
				Addition No. 3 to Certificate No. 387	10.12.07	Serial production approved
219	Control and monitoring system ID-6.2	94210	ELTODO EG, a.s., Czech Republic	388	24.06.05	Special limitations
220	Aerodrome signs with internal illumination	АЮЛВ. 676651.001	Closed JSC "Aerocom Company", Russia	389	12.07.05	
221	Low intensity obstruction lights on light-emitting diodes ZOSD220	БАМВ. 676640.001-01	Closed JSC "Svyaz engineering P" Russia	393	14.10.05	Special limitations. Certificate suspended 20.01.09
222	Low intensity obstruction lights on light-emitting diodes 3OSD48	БАМВ. 676640.001-02	Closed JSC "Svyaz engineering P", Russia	394	14.10.05	Special limitations. Certificate suspended 20.01.09
223	System for individual control and monitoring of aerodrome lights	LMS	TRANSCON Electronic Systems, spol. s r.o., Czech Republic	395	31.10.05	
224	Runway guard lights	GL-02	TRANSCON Electronic	396	31.10.05	

			Systems, spol. s r.o., Czech Republic			
225	Additional stop bar lights	SBL-02	TRANSCON Electronic Systems, spol. s r.o., Czech Republic	397	31.10.05	
226	Light-emitting Obstacle light ZOS-3	ЯАЦР.676631.005	LLC "SVECHA" Scientific & Production Company, Ltd, Russia	402	18.01.06	Special limitations
227	Isolating transformers of power 45, 100 и 200 W	АЮЛВ.671110.004 – АЮЛВ. 71110.006	Closed JSC "Aerocom", Russia	403	02.02.06	Special limitations
228	Electric power distributing switchboard with automatic standby power input for rated current 100 A	АЮЛВ. 656564.001	Closed JSC "Aerocom", Russia	412	22.08.06	
229	Electric power distributing switchboard with automatic standby power input for rated current 400A	АЮЛВ. 656564.002	Closed JSC "Aerocom", Russia	413	22.08.06	Special limitations
230	Control and regulation system with the selective lights control module	LUCEBIT COSAL SCROLL-II	LUCEBIT GmbH Airport Technology, Germany	414	23.08.06	Special limitations
231	Primary airfield lighting cable	КВОПвЭВ-3,6/6 1? 6	Public JSC "Kamkabel", Russia	417	09.10.06	Certificate cancelled 01.01.10
232	AC01-01 used as a taxiway edge light	АСКИ. 676642.008	LLC "Aerosvet", Russia	419	30.10.06	Certificate cancelled 04.10.10
233	Markers of taxiway edge	АВЦМ. 305639.001	LLC "Avia-SpecMontazh", Russia	421	17.11.06	Certificate suspended 22.08.07
234	Aerodrome signs with reflective plating	АВЦМ. 305639.002	LLC "Avia-SpecMontazh", Russia	422	17.11.06	Certificate suspended 22.08.07
235	Elevated high intensity light	UEL	N.V.ADB S.A. a Siemens Company, Belgium	424	22.11.06	
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 424	07.09.10	Certificate Owner changed
236	Aerodrome signs	PVH	N.V.ADB S.A. a Siemens Company, Belgium	425	22.11.06	
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 425	24.03.10	Certificate Owner changed
237	Constant current regulators with output currents of 6.6 and 8.3A and power of 2.5, 4, 5, 7.5, 10, 15, 20, 25 and 30 kVA	MCR <sup>3</sup>	N.V.ADB S.A. a Siemens Company, Belgium	426	22.11.06	Special limitations

			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 426	24.03.10	Certificate Owner changed
238	Primary connector kits for screened and unscreened cables	PRK	N.V.ADB S.A. a Siemens Company, Belgium	427	22.11.06	See Note <sup>8)</sup>
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 427	24.03.10	Certificate Owner changed
239	Secondary connector kits for a two-core cable and a two single-core wires	SCK	N.V.ADB S.A. a Siemens Company, Belgium	428	22.11.06	See Note <sup>8)</sup>
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 428	24.03.10	Certificate Owner changed
240	Low intensity small-dimensional obstruction light on light-emitting diodes 30M PPM A-K-220	KEHC. 676657.001	Open JSC "Proton" Russia	431	25.12.06	
		KEHC. 676657.005		Addition No. 1 to Certificate No.431	30.04.08	Scope of application extended
241	Primary airfield lighting cable	NEXANS 205-FAA L-824 C 1?6 mm <sup>2</sup> 5 kV	Idman Oy, Finland	432	27.12.06	Special limitations
			PHILIPS Oy, Airfield Lighting, Finland	Addition No. 1 to Certificate No.432	02.06.07	Certificate Owner changed
242	NTE/1E isolating transformers of 45, 100, 150, 200 and 300 W power	NTE/1E	Honeywell Airport Systems GmbH, Germany	437	22.03.07	
243	ASD/V2 addressable switch device (one-channel ASD1/V2 and two-channel ASD2/V2) with stand-alone SLCM module for single lamp control and monitoring and data interface protocol Doc. No 65 875 830 HBE	ASD/V2	Honeywell Airport Systems GmbH, Germany	438	22.03.07	
244	Visual approach slope indicator PU3L (2x200 W) used in a PAPI system	PU3L	Thorn Airfield Lighting France	440	31.07.07	
245	Omni-directional elevated low intensity light EL-EAM	EL-EAM	Thorn Airfield Lighting France	441	31.07.07	
246	Omni-directional elevated low intensity F2.1 (1x45W)	F2.1	Thorn Airfield Lighting France	442	31.07.07	
247	Omni-directional elevated low intensity F18.2	F18.2	Thorn Airfield Lighting France	443	31.07.07	
248	Inset light ILP-TB/ILP-TU	ILP-TB/ILP-TU	Thorn Airfield Lighting	444	31.07.07	

			France			
249	Aerodrome Signs MGS-PR	MGS-PR	Thorn Airfield Lighting France	445	31.07.07	
250	Secondary airfield lighting cable H07RN-F 1x2,5, H07RN-F 1x4, H07RN-F 2x2,5, H07RN-F 2x4	H07RN-F	Closed JSC "Sevmorkabel", Russia	451	29.12.07	Certificate suspended 15.01.09
251	Electric power distributing switchboard with automatic standby power ЩГП-2, ЩГП-4 and ЩГП-6 for rated current 250A, 400A and 630A with special software	ACKИ.674521.001 ACKИ.674521.001-01 ACKИ.674521.001-02 ACKИ.00300	LLC "Aerosvet", Russia	453	30.04.08	
252	Aerodrome Signs with internal illumination	ACKИ.676659.001	LLC "Aerosvet", Russia	454	30.04.08	
253	Constant current regulators with 6.6 A output current: - ТРЯ-5, ТРЯ-10, ТРЯ-15 of 5.0, 10.0 and 15.0 kVA power with tiristor unit and ProfiBus serial interface - ТРЯ-20, ТРЯ-25 of 20.0 and 25.0 kVA power with tiristor unit and ProfiBus serial interface	ACKИ.674261.001 ACKИ.301441.001 ACKИ.301441.002	LLC "Aerosvet", Russia	455	30.04.08	
254	Airfield lighting remote control equipment with software composed of: - for landing and taxiing Controllers workplace equipment: Windows XP; Professional operational system, SIMATIC Win CC applied Software (version not less than 6.0) special program; - for engineering staff workplace equipment: Windows XP – Professional operational system, SIMATIC Win CC applied Software (version not less than 6.0) special program; - for main control cabinet: special program; - for local control cabinets: special program	ACKИ.566122.001; ACKИ.421413.001 with ACKИ.00101;  ACKИ.421413.002 with ACKИ.00102;  ACKИ.421443.001 with ACKИ.00103; ACKИ.421443.002 with ACKИ.00104	LLC "Aerosvet", Russia	456	30.04.08	Special limitations
255	Primary airfield lighting cable 1x6 mm <sup>2</sup> 5 kV type C	SXC4E	N.V.ADB S.A. a Siemens Company, Belgium	457	30.04.08	
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 457	07.09.10	Certificate Owner changed
256	Primary airfield lighting cable 1x6 RM/6 6/10kV	NEXANS FL2XCY	LLC "Aerosvet", Russia	458	30.04.08	Special limitations
257	Visual docking guide system including: - control modules; - pilot displays; - video cameras; - manual control boards; - Central docking computer with applicable software VDGS Central Computer and Sun Microsystems Solaris 10 OS operational system	VDGS	LLC "Honeywell Airport Systems GmbH", Germany	462	08.08.08	Special limitations
258	Inductive sensors system for	ISA	LLC "Honey-	463	08.08.08	Special

	aerodrome movement control including: - inductive sensors; - communication cable; - junction boxes; - distribution boxes; - control and monitoring rack		well Airport Systems GmbH", Germany			limitations
259	Primary airfield lighting cable PFAAL164AA 1x6 mm2 5kV	PFAAL	Prysmian Cables et Systemes, France	469	17.09.08	
260	Primary airfield lighting cable PFAAL173AA 1x6 mm2 5kV	PFAAL	Prysmian Cables et Systemes, France	470	17.09.08	
261	ADB AGL airfield lighting remote control and monitoring system, including landing, taxiing and start controller workplace equipment, workplace equipment for engineering staff, transformer substation equipment, with SMATIC WinnCC V 6.2 applicable software, ADB-AGL Ver. 1SYS00000 special program and Windows XP Professional operational system	ADB AGL	N.V. ADB S.A. a Siemens Company, Belgium	471	30.09.08	Special limitations
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 471	24.03.10	Certificate Owner changed
262	AGLAS system for individual aerodrome lights control and monitoring including: – AGLAS PC control unit with "AGLAS background process V 3.01 and AGLAS GUI V 2.20" software and with Windows XP Professional operational system; – AGLAS MASTER substation units for 20 kVA and/or 30 kVA; – AGLAS REMOTE remote control unit 5NQ8111-1AA00-0AA0, and/or 5NQ8111-2AA00-0AA0, and/or 5NQ8111-1AA00-1AA0, and/or 5NQ8111-2AA00-1AA0	AGLAS PC	N.V. ADB S.A. a Siemens Company, Belgium	472	30.09.08	
			ADB BVBA, Belgium	Addition No. 1 to Certificate No. 472	24.03.10	Certificate Owner changed
263	Flash Lights System including: - SFL-32 Control Unit FDM 32. HEL software; - EL 217 - SFL&TIL Elevated Flash Lights and IL 267 - SFL&TIL Inset Twin Flash Lights for approach and threshold identification with Erniflashcontoller 120K, software	SFL&TIL	ERNI LichtTEchnik AG, Switzerland	484	06.07.09	
264	Constant current regulators with control software, 6/6 A output current and of 2.5, 5.0, 7.5, 10.0, 12.5, 15.0, 17.5, 20.0, 22.5 and 25.0 kVA power, with parallel and series interfaces	ФАДИ.674265.016-01 ФАДИ.674265.016-02 ФАДИ.00007	Federal State Unitary Enterprise "Leading Special Design Bureau "Prozhektor", Russia	493	26.11.09	
			OJS Company "Leading Spe-	Addition No. 1 to	22.12.10	Serial production

			cial Design Bureau "Prozhektor", Russia	Certificate No. 493		approved
265	Ser TIR Isolating Transformers with 6.6 /6.6 A windings current of power: 45 W 65 W 100 W 150 W 200 W 300 W	АИВК.671110.001-01 АИВК.671110.001-02 АИВК.671110.001-03 АИВК.671110.001-04 АИВК.671110.001-05 АИВК.671110.001-06	LLC "AVIA-KOMPLEKT", Russia	501	29.12.09	For examples specified in Type Certificate
266	Isolating Transformers with 6.6 /6.6 A windings current of rated power: 45 W 100 W 200 W	ФАДИ.671221.036-03 ФАДИ.671221.036-01 ФАДИ.671221.036-04 ФАДИ.671221.036-02 ФАДИ.671221.036-05	Federal State Unitary Enterprise "Leading Special Design Bureau "Prozhektor", Russia	508	07.05.10	
			OJS Company "Leading Special Design Bureau "Prozhektor", Russia	Addition No. 1 to Certificate No. 508	22.12.10	Serial production approved
267	Taxiway edge marker	ИТЛГ.305628.001	LLC Special design-technology bureau "INNOTECH-ELEKTRO", Russia	511	04.08.10	For examples specified in Type Certificate
268	Aerodrome signs with reflecting plating	ИТЛГ.305628.002	LLC Special design-technology bureau "INNOTECH-ELEKTRO", Russia	512	04.08.10	For examples specified in Type Certificate
269	Elevated light versions used as: - approach and crossbar light for Cat I, II, III - approach side row barrette light for Cat II, III - runway end light for Cat I, II, III	АСКИ.1676644.001 АСКИ.1676644.001 АСКИ.1676644.001-01 АСКИ.1676644.001-04	LLC "Aerosvet", Russia	513	11.08.10	
		АСКИ.1676644.001 АСКИ.1676644.001-05 АСКИ.1676644.001-064		Addition No. 1 to Certificate No. 513	12.08.11	
270	Omnidirectional elevated light versions used as: - runway edge light for Cat I, II, III - runway turning loop light - taxiway edge light	АСКИ.1676645.001 АСКИ.1676645.001-06 АСКИ.1676645.001-07 АСКИ.1676645.001-10 АСКИ.1676645.001-11 АСКИ.1676645.001-12 АСКИ.1676645.001-13	LLC "Aerosvet", Russia	514	11.08.10	
		АСКИ.424245.001 АСКИ.1676645.001-03- АСКИ.1676645.001-05 АСКИ.1676645.001-08 АСКИ.1676645.001-09 АСКИ.1676645.001-14 - АСКИ.1676645.001-19		Addition No. 1 to Certificate No. 514	12.08.11	
271	Complex for remote control of aerodrome lighting equipment with software including	АСКИ.42425.001	LLC "Aerosvet", Russia	516	01.11.10	
272	RTO 25.200-1x100W, 1x4W obstruction light	RTO 25.200	Honeywell Airopport Sys-	519	27.12.10	Special limitations

			tem GmbH, Germany			
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**Notes:**

- 1) - Full list of code names of insulating transformers KR 531, KR 536, KR 541, KR 546, KR 551, KR 561, high-voltage sockets KD 500, KD 510 and low-voltage sockets KD 501, KD 502, KD 503 and KD 503/R is given in the relevant Type Certificates.
- 2) - Type Certificate No 81 is applicable to AMS-1 System equipped with LMS System for individual control and monitoring of aerodrome lights.
- 3) - Type Certificate No/ 183.is applicable to the CAM System with functions of selective lights control, routing and interface with airfield surveillance and control subsystem S3000, landing systems ILS 410, and SP-80, automatic terminus information system ATIS, integrated radio aerodrome weather station KRAMS-4 and the Universal time system.
- 4) - Type Certificate No 249 is applicable also to the IL 258-AGL (45W) light used as apron guidance light.
- 5) - Type Certificate No 319 is applicable to constant current regulators with the 65.872 035 control block and lamp control and monitoring module.
- 6) - Specific limitations are removed, and Type Certificate No 374 is applicable also to 45W transformers.
- 7) - Type Certificate No 387 is applicable to signs ФРЖИ.676653.005 – ФРЖИ.676653.008.
- 8) - Full list of cables and wires designations is presented in Type Certificates No.No. 427, 428.