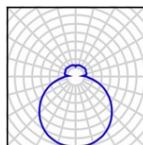


ELSA 1,2,3,4,5,6



TECHNICAL DATA

Light source	LED module Osmont L12B, L12C, L14B, L14C, L15B, L15C, L16B, L16C, L18C, L53C	incandescent lamp	fluorescent lamp
Chromacity temperature	3000K, 4000K	by source	by source
CRI	3000K Ra>80, 4000K Ra>80	by source	by source
Power source	Tridonic	-	Tridonic
Energy class	A++	by source	by source
Input voltage	230V		
IP	IP44		
Fixture	metal		
Color of fixture	white		
Shade	three-layer glass with matt surface		
Shade attachment	with bayonet		
Mounting	wall, ceiling		
Applications	housing constructions (rooms, corridors), cultural premises		

VARIANTS

LED:

	Type	Input [W]	Luminous flux LED [lm]		Luminous flux of luminaire [lm]		Possibility				Warranty [yrs]*
			3000K	4000K	3000K	4000K	Sensor (HF)	DIM (DALI)	Corridor (DALI+HF)	2 circuits	
ELSA 1	LED-1L12C03BT12/023.000	9	1080	1140	760	800	*	*	-	-	5
	LED-1L12B07BT12/023.000	11	1290	1350	900	950	*	*	-	-	5
ELSA 2	LED-1L18C03BT13/025.000	11	1450	1530	1060	1120	*	*	*	-	5
	LED-1L18C03BT13/025.000	15	1950	2050	1420	1500	*	*	*	-	5
ELSA 3	LED-1L14C03BT14/027.000	15	2000	2110	1400	1480	*	*	*	-	5
	LED-1L14B07BT14/027.000	20	2590	2700	1810	1890	*	*	*	-	5
ELSA 4	LED-1L15C07BT15/029.000	21	2770	2920	1860	1960	*	*	*	-	5
	LED-1L15B07BT15/029.000	29	3880	4050	2600	2710	*	*	*	*	5
ELSA 5	LED-1L16C07BT16/626.000	28	3690	3890	2400	2530	*	*	*	-	5
	LED-1L16B07BT16/626.000	36	4850	5070	3150	3300	*	*	*	*	5
ELSA 6	LED-3L53C07BT17/627.000	35	4750	5010	3090	3260	-	*	-	-	5
	LED-3L53C10BT17/627.000	53	6780	7150	4410	4650	-	*	-	-	5

LED emergency combined:

	Type	Input [W]	Luminous flux LED [lm]		Luminous flux of luminaire [lm]		Luminous flux LED in emergency mode		T [hrs]	Type of battery	Warranty [yrs]*
			3000K	4000K	3000K	4000K	[%]	[lm]			
ELSA 1	LED-NZ1W/023 4000	1	-	150	-	110	100	150	3	Ni-Cd (3,6V/1,6Ah)	5
ELSA 2	LED-1L18C02BT13/025/NK1W.000	11	1450	1530	1060	1120	10	150	3	Ni-Cd (3,6V/1,6Ah)	5
	LED-1L18C03BT13/025/NK1W.000	15	1950	2050	1420	1500	8	150	3	Ni-Cd (3,6V/1,6Ah)	5
ELSA 3	LED-1L14C03BT14/027/NK1W.000	15	2000	2110	1400	1480	7	150	3	Ni-Cd (3,6V/1,6Ah)	5
	LED-1L14B07BT14/027/NK1W.000	20	2590	2700	1810	1890	6	150	3	Ni-Cd (3,6V/1,6Ah)	5
ELSA 4	LED-1L15C07BT15/029/NK1W.000	21	2770	2920	1860	1960	5	150	3	Ni-Cd (3,6V/1,6Ah)	5
	LED-1L15B07BT15/029/NK1W.000	29	3880	4050	2600	2710	4	150	3	Ni-Cd (3,6V/1,6Ah)	5
ELSA 5	LED-1L16C07BT16/626/NK1W.000	28	3690	3890	2400	2530	4	150	3	Ni-Cd (3,6V/1,6Ah)	5
	LED-1L16B07BT16/626/NK1W.000	36	4850	5070	3150	3300	3	150	3	Ni-Cd (3,6V/1,6Ah)	5
ELSA 6	LED-3L53C07BT17/627/NK1W.000	35	4750	5010	3090	3260	3	150	3	Ni-Cd (3,6V/1,6Ah)	5
	LED-3L53C10BT17/627/NK1W.000	53	6780	7150	4410	4650	2	150	3	Ni-Cd (3,6V/1,6Ah)	5

STANDARD:

	Type	Input [W]	Socket	Type of lamp	Possibility	
					Sensor (HF)	DIM (DALI)
ELSA 1	IN-12BT12/023	75	E27	-	-	-
	E-14BT12/023	13	G24q1	TC-DEL	-	-
	E-15BT12/023	18	G24q2	TC-DEL	-	-
ELSA 2	IN-12BT13/025	100	E27	-	*(1x60W)	-
	IN-22BT13/025	2x60	2xE27	-	-	-
	E-16BT13/025	26	G24q3	TC-DEL	*	-
	E-25BT13/025	2x18	2xG24q2	TC-DEL	-	-
ELSA 3	IN-12BT14/027	100	E27	-	*(1x75W)	-
	IN-22BT14/027	2x75	2xE27	-	-	-
	E-25BT14/027	2x18	2xG24q2	TC-DEL	-	-
	E-26BT14/027	2x26	2xG24q3	TC-DEL	-	*
	IN-22BT15/029	2x75	2xE27	-	*(2x60W)	-
ELSA 4	E-26BT15/029	2x26	2xG24q3	TC-DEL	-	-
	E-26BT15/029 32W	2x32	2xGX24q3	TC-TEL	-	-
ELSA 5	IN-32BT16/626	3x60	3xE27	-	-	-
	E-204BT16/626	22+40	2x2GX13	T5	-	-
	E-28BT16/626	2x42	2xGX24q4	TC-TEL	-	-
ELSA 6	IN-32BT17/627	3x75	3xE27	-	-	-
	E-46BT17/627	4x26	4xG24q3	TC-DEL	-	-

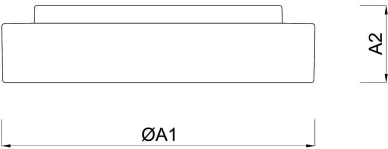
STANDARD emergency combined:

	Type	Input [W]	Socket	Type of lamp	T [hrs]	Type of battery	Light flux in emergency mode [%]
ELSA 2	NK-E-13/T/025	13	G24q1	TC-DEL	1	Ni-Cd (3,6V/1,6Ah)	16
ELSA 3	NKC-218/13/T/027	2x18	2xG24q2	TC-DEL	1	Ni-Cd (3,6V/1,6Ah)	9
	NKC-226/13/T/027	2x26	2xG24q3	TC-DEL	1	Ni-Cd (3,6V/1,6Ah)	6,5
ELSA 4	NKC-226/13/T/029	2x26	2xG24q3	TC-DEL	1	Ni-Cd (3,6V/1,6Ah)	6,5
ELSA 5	NKC-232/16/T/626	2x32	2xGX24q3	TC-TEL	1	2x Ni-Cd (3,6V/1,6Ah)	9

.000 – 3000K or 4000
* - warranty on LED modules and power sources

DIMENSIONS

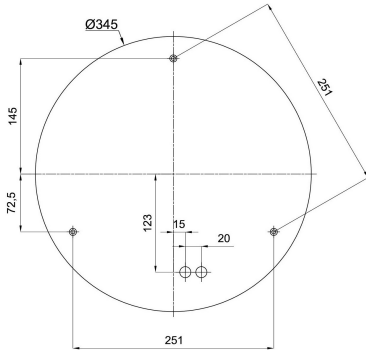
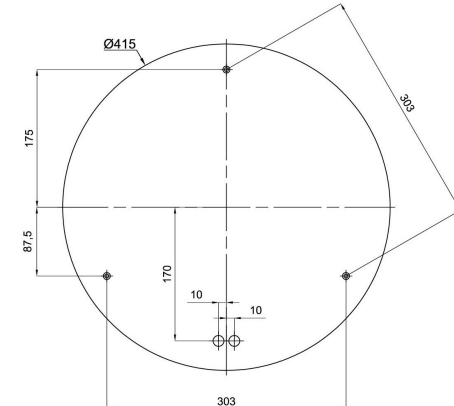
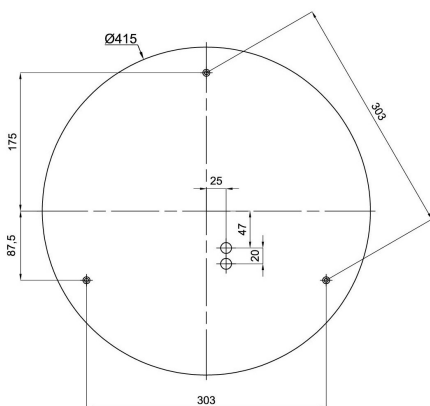
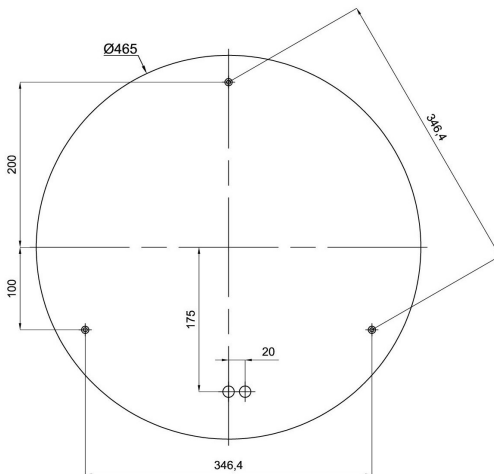
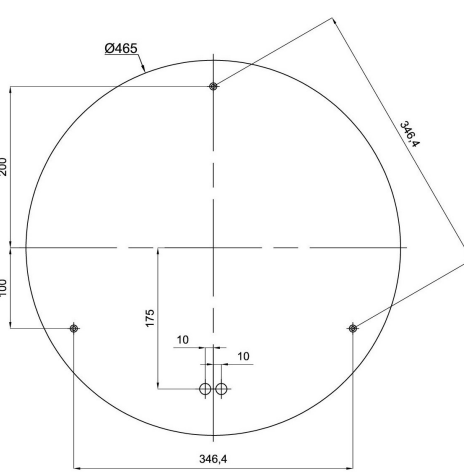
DIMENSIONS OF LUMINAIRE [mm]:



	ØA1	A2
ELSA 1	250	84
ELSA 2	300	86
ELSA 3	360	88
ELSA 4	420	90
ELSA 5	500	92
ELSA 6	590	94

MOUNTING DIMENSIONS [mm]:

ELSA 1		
ELSA 2		
ELSA 3		

ELSA 4		
ELSA 5	 IN-..., E-..., NKC-..., LED-...	 E-204...
ELSA 6	 IN-..., E-...	 LED-...