

2U-Tube

TSE Model: F2UY01



Vendor Model: FE26
 Lifetime [h]: 8000
 CRI min: 80
 Start Time [s]:
 Cycles:

Vmin [V]: 220
 Vmax [V]: 240
 I_{max} [mA]:
 Mercury [mg]:
 Mercury Type: Mercury

RoHS: Ja
 CE: Ja
 CFLi: Ja
 dimmable: Nein

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
F2UY01-07WE14K27	active	7	E14	2700	300	A	30		42	123	62
F2UY01-07WE14K64	active	7	E14	6400	290	A	30		42	123	62
F2UY01-07WE27K27	active	7	E27	2700	300	A	30		42	123	62
F2UY01-07WE27K64	active	7	E27	6400	290	A	30		42	123	62
F2UY01-09WE14K27	active	9	E14	2700	420	A	39	71	42	135	70
F2UY01-09WE14K64	active	9	E14	6400	410	A	38	71	42	135	70
F2UY01-09WE27K27	active	9	E27	2700	420	A	39	71	42	135	70
F2UY01-09WE27K64	active	9	E27	6400	410	A	38	71	42	135	70
F2UY01-11WE14K27	active	11	E14	2700	540	A	47	87	42	145	76
F2UY01-11WE14K64	active	11	E14	6400	535	A	47	87	42	145	76
F2UY01-11WE27K27	active	11	E27	2700	540	A	47	87	42	145	76
F2UY01-11WE27K64	active	11	E27	6400	535	A	47	87	42	145	76
F2UY01-15WE14K27	active	15	E14	2700	810	A	65	119	42	168	76
F2UY01-15WE14K64	active	15	E14	6400	800	A	64	119	42	168	76
F2UY01-15WE27K27	active	15	E27	2700	810	A	65	119	42	168	76
F2UY01-15WE27K64	active	15	E27	6400	800	A	64	119	42	168	76
F2UY01-18WE14K27	active	18	E14	2700	1010	A	77		42	178	94
F2UY01-18WE14K64	active	18	E14	6400	1010	A	77		42	178	94
F2UY01-18WE27K27	active	18	E27	2700	1010	A	77		42	178	94
F2UY01-18WE27K64	active	18	E27	6400	1010	A	77		42	178	94



3U-Tube

TSE Model: F3UY01

Vendor Model:	FE84	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	8000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:	71	CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
F3UY01-09WE14K27	active	9	E14	2700	420	A	39	71	42	112	52
F3UY01-09WE14K64	active	9	E14	6400	410	A	38	71	42	112	52
F3UY01-09WE27K27	active	9	E27	2700	420	A	39	71	42	112	52
F3UY01-09WE27K64	active	9	E27	6400	410	A	38	71	42	112	52
F3UY01-11WE14K27	active	11	E14	2700	550	A	48	87	42	122	75
F3UY01-11WE14K64	active	11	E14	6400	540	A	47	87	42	122	75
F3UY01-11WE27K27	active	11	E27	2700	550	A	48	87	42	122	75
F3UY01-11WE27K64	active	11	E27	6400	540	A	47	87	42	122	75
F3UY01-15WE14K27	active	15	E14	2700	800	A	64	119	42	145	76
F3UY01-15WE14K64	active	15	E14	6400	800	A	64	119	42	145	76
F3UY01-15WE27K27	active	15	E27	2700	800	A	64	119	42	145	76
F3UY01-15WE27K64	active	15	E27	6400	800	A	64	119	42	145	76

TSE Model: F3UY02

Vendor Model:	FE20	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	8000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:		CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
F3UY02-20WE27K27	active	20	E27	2700	1151	A	86		54	167	106
F3UY02-20WE27K64	active	20	E27	6400	1151	A	86		54	167	106
F3UY02-25WE27K27	active	25	E27	2700	1519	A	107		54	179	127
F3UY02-25WE27K64	active	25	E27	6400	1519	A	107		54	179	127



TSE Model: F3UY03

Vendor Model:	FE76	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	8000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:		CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
F3UY03-15WE27K27	active	15	E27	2700	800	A	64		48	139	
F3UY03-15WE27K64	active	15	E27	6400	800	A	64		48	139	
F3UY03-18WE27K27	active	18	E27	2700	1007	A	77		48	149	
F3UY03-18WE27K64	active	18	E27	6400	1007	A	77		48	149	
F3UY03-20WE27K27	active	20	E27	2700	1151	A	86	140	48	164	
F3UY03-20WE27K64	active	20	E27	6400	1151	A	86	140	48	164	
F3UY03-22WE27K27	active	22	E27	2700	1297	A	94		48	164	
F3UY03-22WE27K64	active	22	E27	6400	1297	A	94		48	164	
F3UY03-25WE27K27	active	25	E27	2700	1519	A	107		48	176	
F3UY03-25WE27K64	active	25	E27	6400	1519	A	107		48	176	

4U-Tube

TSE Model: F4UY01

Vendor Model:	FE171	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	8000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:	110	CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
F4UY01-15WE27K27	active	15	E27	2700	800	A	64	110	48	131	
F4UY01-15WE27K64	active	15	E27	6400	800	A	64	110	48	131	
F4UY01-20WE27K27	active	20	E27	2700	1152	A	86	140	48	135	
F4UY01-20WE27K64	active	20	E27	6400	1152	A	86	140	48	135	



Bulb

TSE Model: FBUY03

Vendor Model:	FE135	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	8000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:		CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FBUY03-07WB22K27	active	7	B22	2700		#F			60	120	
FBUY03-07WB22K64	active	7	B22	6400		#F			60	120	
FBUY03-07WE27K27	active	7	E27	2700		#F			60	120	
FBUY03-07WE27K64	active	7	E27	6400		#F			60	120	
FBUY03-09WB22K27	active	9	B22	2700	405	A	38		60	120	
FBUY03-09WB22K64	active	9	B22	6400	405	A	38		60	120	
FBUY03-09WE27K27	active	9	E27	2700	405	A	38		60	120	
FBUY03-09WE27K64	active	9	E27	6400	405	A	38		60	120	
FBUY03-11WB22K27	active	11	B22	2700	535	A	47	80	60	120	50
FBUY03-11WB22K64	active	11	B22	6400	535	A	47	80	60	120	50
FBUY03-11WE27K27	active	11	E27	2700	535	A	47	80	60	120	50
FBUY03-11WE27K64	active	11	E27	6400	535	A	47	80	60	120	50



Candle

TSE Model: FCNY01

Vendor Model:	FE179	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	6000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:	35	CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
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FCNY01-05WE14K27	active	5	E14	2700	200	A	22	35	38	101	38
FCNY01-05WE14K64	active	5	E14	6400	200	A	22	35	38	101	38

TSE Model: FCNY03

Vendor Model:	FE278	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	10000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:		CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
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FCNY03-07WE14K27	active	7	E14	2700	290	A	30		36	108	
FCNY03-07WE14K64	active	7	E14	6400	290	A	30		36	108	



Globe

TSE Model: FGLY01

Vendor Model:	FE10	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	8000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:		CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FGLY01-20WE27K27	active	20	E27	2700	850	B	67		100	164	236
FGLY01-20WE27K64	active	20	E27	6400	850	B	67		100	164	236
FGLY01-25WE27K27	active	25	E27	2700	1050	B	80		120	186	256
FGLY01-25WE27K64	active	25	E27	6400	1150	B	86		120	186	256

TSE Model: FGLY02

Vendor Model:	FE117	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	8000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:		CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FGLY02-09WE27K27	active	9	E27	2700	390	B	37		76	126	112
FGLY02-09WE27K64	active	9	E27	6400	390	B	37		76	126	112

TSE Model: FGLY03

Vendor Model:	FE223	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	6000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:	110	CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FGLY03-15WE27K27	active	15	E27	2700	800	A	64	110	80	108	104
FGLY03-15WE27K64	active	15	E27	6400	800	A	64	110	80	108	104



TSE Model: FGLY04

Vendor Model:	FE244	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	6000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:	140	CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmbable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FGLY04-20WE27K27	active	20	E27	2700	1151	A	86	140	95	128	138
FGLY04-20WE27K64	active	20	E27	6400	1151	A	86	140	95	128	138

Mini Globe

TSE Model: FMGY01

Vendor Model:	FE240	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	6000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:	35	CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmbable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FMGY01-05WE27K27	active	5	E27	2700	200	A	22	35	45	80	44
FMGY01-05WE27K64	active	5	E27	6400	200	A	22	35	45	80	44

Spiral

TSE Model: FSPY01

Vendor Model:	FE101	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	8000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:		CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FSPY01-09WE27K27	active	9	E27	2700	430	A	40		45	121	65
FSPY01-09WE27K64	active	9	E27	6400	420	A	39		45	121	65
FSPY01-11WE27K27	active	11	E27	2700	550	A	48		45	128	68
FSPY01-11WE27K64	active	11	E27	6400	550	A	48		45	128	68
FSPY01-13WE27K27	active	13	E27	2700	700	A	57		45	128	68
FSPY01-13WE27K64	active	13	E27	6400	700	A	57		45	128	68
FSPY01-15WE27K27	active	15	E27	2700	820	A	65		45	132	70
FSPY01-15WE27K64	active	15	E27	6400	840	A	66		45	132	70

TSE Model: FSPY02



Vendor Model:	FE127	Vmin [V]:	220	RoHS:	Ja
Lifetime [h]:	8000	Vmax [V]:	240	CE:	Ja
CRI min:	80	Imax [mA]:	140	CFLi:	Ja
Start Time [s]:		Mercury [mg]:		dimmable:	Nein
Cycles:		Mercury Type:			

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FSPY02-20WE27K27	active	20	E27	2700	1200	A	88	140	52	138	90
FSPY02-20WE27K64	active	20	E27	6400	1200	A	88	140	52	138	90
FSPY02-25WE27K27	active	25	E27	2700	1520	A	107	160	52	143	90
FSPY02-25WE27K64	active	25	E27	6400	1520	A	107	160	52	143	90

TSE Model: FSPY03



Vendor Model: FE210
 Lifetime [h]: 8000
 CRI min: 80
 Start Time [s]:
 Cycles:

Vmin [V]: 220
 Vmax [V]: 240
 I_{max} [mA]:
 Mercury [mg]:
 Mercury Type:

RoHS: Ja
 CE: Ja
 CFLi: Ja
 dimmable: Nein

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FSPY03-09WE27K27	active	9	E27	2700		#F			40	93	
FSPY03-09WE27K64	active	9	E27	6400		#F			40	93	
FSPY03-11WE27K27	active	11	E27	2700	600	A	51	80	40	98	50
FSPY03-11WE27K64	active	11	E27	6400	600	A	51	80	40	98	50
FSPY03-13WE27K27	active	13	E27	2700		#F			40	100	
FSPY03-13WE27K64	active	13	E27	6400		#F			40	100	
FSPY03-15WE27K27	active	15	E27	2700	800	A	64	110	40	100	50
FSPY03-15WE27K64	active	15	E27	6400	800	A	64	110	40	100	50

TSE Model: FSPY04

Vendor Model: FE247
 Lifetime [h]: 8000
 CRI min: 80
 Start Time [s]:
 Cycles:

Vmin [V]: 220
 Vmax [V]: 240
 I_{max} [mA]: 140
 Mercury [mg]:
 Mercury Type:

RoHS: Ja
 CE: Ja
 CFLi: Ja
 dimmable: Nein

TSE Material	Status	P [W]	Base	C T [K]	L [lm]	EE	EP [W]	I [mA]	D [mm]	H [mm]	W [g]
FSPY04-20WE27K27	active	20	E27	2700	1200	A	88	140	51	109	
FSPY04-20WE27K64	active	20	E27	6400	1200	A	88	140	51	109	
FSPY04-23WE27K27	active	23	E27	2700	1500	A	106	160	51	118	
FSPY04-23WE27K64	active	23	E27	6400	1500	A	106	160	51	118	