

LIFETIME
100 000 h
(L80)

STELLA

Stella IP23 offers flexibility and performance for a wide range of applications – from industrial halls to warehouses and sports facilities. The luminaire comes in two housing lengths, features adjustable luminous flux via DIP switches, and offers a versatile optics selection to meet the needs of different projects. A spacious wiring compartment and through-wiring solutions make installation quick and easy.

DALI

DALI drivers enable luminaires to be connected to DALI based control systems and Smart Buildings. Compared to a fixed output installation, the dimming and individual control capability provided by DALI enables considerable energy savings and control, depending on luminaire specifications.

The luminaire can be mounted directly on the ceiling surface, on a suspension rail, or on a horizontal wire system.





Structure

- Housing made of galvanized steel
- Housing lengths 1460 mm and 1760 mm
- Lens made of polycarbonate
- IP23 / IK08
- Power/luminous flux selectable via driver DIP switches (see table)

Optics

- 30° narrow beam
- 60° medium-wide beam
- 90° wide beam

Lifetime

- LED module lifespan T_a=25 °C:
  >100 000 h (L70)
  100 000 h (L80)
  71 000 h (L90)
- LED driver lifetime T_a=25 °C:
  100 000 h (max. 10 % failure rate)

Installation

With standard accessories

- Surface mounting directly to the ceiling
- Installation with horizontal wire suspension

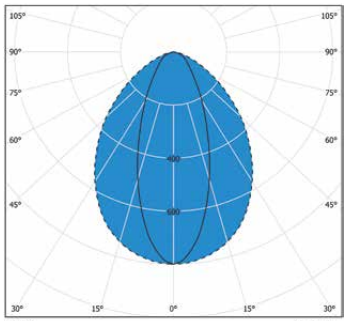
With additional accessories

- Bracket mounting to ceiling surface
- Mounting to lighting suspension track
- For rooms requiring DIN 18032-3 ball-impact resistance

Made to order

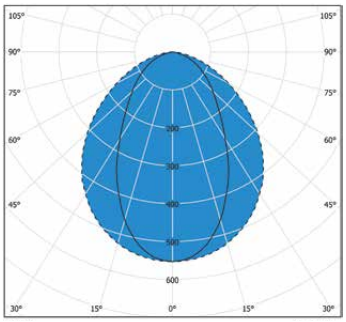
- Connection cables and solutions according to project requirements
- Customized luminous flux packages
- 830 versions

STE18 Narrow Beam 30°



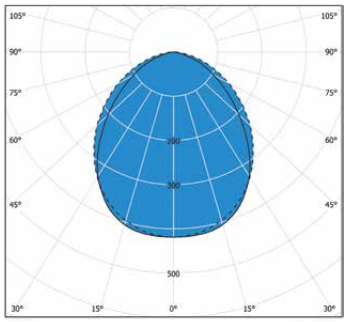
cd/klm — C0 - C180 -- C90 - C270 **100%**

STE18 Medium Beam 60°

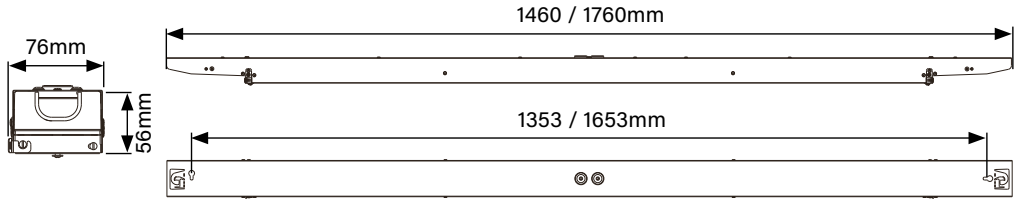


cd/klm — C0 - C180 -- C90 - C270 **100%**

STE18 Wide Beam 90°



cd/klm — C0 - C180 -- C90 - C270 **100%**



E-number	Type	Product name	Control	Optic	Kg	Length	Power	Luminous flux	lm/W	Information
Stella 1460 mm Narrow Beam 30°										
43 167 59	STE15NB65/840	STE15 NB IP23 6510LM 32,8W/840	ON/OFF	NB 30°	2,7	1 460 mm	32,8 W	6 510 lm	198 lm/W	DIP *(see Table)
43 167 60	STE15NB110/840	STE15 NB IP23 11280LM 57W/840	ON/OFF	NB 30°	2,7	1 460 mm	57,0 W	11 280 lm	198 lm/W	DIP *(see Table)
43 167 19	STE15NB155/840	STE15 NB IP23 15630LM 78,9W/840	ON/OFF	NB 30°	2,7	1 460 mm	78,9 W	15 630 lm	198 lm/W	DIP *(see Table)
43 167 20	STE15NB65ED/840	STE15 NB IP23 6420LM 31,9W/840 DALI	DALI	NB 30°	2,7	1 460 mm	31,9 W	6 420 lm	201 lm/W	
43 167 21	STE15NB110ED/840	STE15 NB IP23 11040LM 55,6W/840 DALI	DALI	NB 30°	2,7	1 460 mm	55,6 W	11 040 lm	199 lm/W	
43 167 22	STE15NB155ED/840	STE15 NB IP23 15460LM 79,1W/840 DALI	DALI	NB 30°	2,7	1 460 mm	79,1 W	15 460 lm	195 lm/W	

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E-number	Type	Product name	Control	Optic	Kg	Length	Power	Luminous flux	lm/W	Information
Stella 1460 mm Mid Beam 60°										
43 167 23	STE15MB65/840	STE15 MB IP23 6340LM 32,8W/840	ON/OFF	MB 60°	2,7	1 460 mm	32,8 W	6 340 lm	193 lm/W	DIP *(see Table)
43 167 24	STE15MB110/840	STE15 MB IP23 10970LM 57W/840	ON/OFF	MB 60°	2,7	1 460 mm	57,0 W	10 970 lm	192 lm/W	DIP *(see Table)
43 167 25	STE15MB155/840	STE15 MB IP23 15210LM 78,9W/840	ON/OFF	MB 60°	2,7	1 460 mm	78,9 W	15 210 lm	193 lm/W	DIP *(see Table)
43 167 26	STE15MB65ED/840	STE15 MB IP23 6250LM 31,9W/840 DALI	DALI	MB 60°	2,7	1 460 mm	31,9 W	6 250 lm	196 lm/W	
43 167 27	STE15MB110ED/840	STE15 MB IP23 10740LM 55,6W/840 DALI	DALI	MB 60°	2,7	1 460 mm	55,6 W	10 740 lm	193 lm/W	
43 167 28	STE15MB155ED/840	STE15 NB IP23 15040LM 79,1W/840 DALI	DALI	MB 60°	2,7	1 460 mm	79,1 W	15 040 lm	190 lm/W	
Stella 1460 mm Wide Beam 90°										
43 167 29	STE15WB65/840	STE15 WB IP23 6350LM 32,8W/840	ON/OFF	WB 90°	2,7	1 460 mm	32,8 W	6 350 lm	194 lm/W	DIP *(see Table)
43 167 30	STE15WB110/840	STE15 WB IP23 10990LM 57W/840	ON/OFF	WB 90°	2,7	1 460 mm	57,0 W	10 990 lm	193 lm/W	DIP *(see Table)
43 167 31	STE15WB155/840	STE15 WB IP23 15240LM 78,9W/840	ON/OFF	WB 90°	2,7	1 460 mm	78,9 W	15 240 lm	193 lm/W	DIP *(see Table)
43 167 32	STE15WB65ED/840	STE15 WB IP23 6260LM 31,9W/840 DALI	DALI	WB 90°	2,7	1 460 mm	31,9 W	6 260 lm	196 lm/W	
43 167 33	STE15WB110ED/840	STE15 WB IP23 10770LM 55,6W/840 DALI	DALI	WB 90°	2,7	1 460 mm	55,6 W	10 770 lm	194 lm/W	
43 167 34	STE15WB155ED/840	STE15 WB IP23 15070LM 79,1W/840 DALI	DALI	WB 90°	2,7	1 460 mm	79,1 W	15 070 lm	191 lm/W	
Stella 1760 mm Narrow Beam 30°										
43 167 35	STE18NB70/840	STE18 NB IP23 7000LM 34,9W/840	ON/OFF	NB 30°	3,0	1 760 mm	34,9 W	7 000 lm	201 lm/W	DIP *(see Table)
43 167 36	STE18NB120/840	STE18 NB IP23 12190LM 60,9W/840	ON/OFF	NB 30°	3,0	1 760 mm	60,9 W	12 190 lm	200 lm/W	DIP *(see Table)
43 167 37	STE18NB165/840	STE18 NB IP23 16870LM 84,1W/840	ON/OFF	NB 30°	3,0	1 760 mm	84,1 W	16 870 lm	201 lm/W	DIP *(see Table)
43 167 38	STE18NB230/840	STE18 NB IP23 23260LM 120W/840	ON/OFF	NB 30°	3,0	1 760 mm	120,0 W	23 260 lm	194 lm/W	DIP *(see Table)
4 3167 39	STE18NB70ED/840	STE18 NB IP23 6890LM 34W/840 DALI	DALI	NB 30°	3,0	1 760 mm	34,0 W	6 890 lm	203 lm/W	
43 167 40	STE18NB120ED/840	STE18 NB IP23 11940LM 59,1W/840 DALI	DALI	NB 30°	3,0	1 760 mm	59,1 W	11 940 lm	202 lm/W	
43 167 41	STE18NB165ED/840	STE18 NB IP23 16730LM 84,4W/840 DALI	DALI	NB 30°	3,0	1 760 mm	84,4 W	16 730 lm	198 lm/W	
43 167 42	ST18NB230ED/840	STE18 NB IP23 22960LM 118,7W/840 DALI	DALI	NB 30°	3,0	1 760 mm	118,7 W	22 960 lm	193 lm/W	
Stella 1760 mm Mid Beam 60°										
43 167 43	STE18MB70/840	STE18 MB IP23 6810LM 34,9W/840	ON/OFF	MB 60°	3,0	1 760 mm	34,9 W	6 810 lm	195 lm/W	DIP *(see Table)
43 167 44	STE18MB120/840	STE18 MB IP23 11860LM 60,9W/840	ON/OFF	MB 60°	3,0	1 760 mm	60,9 W	11 860 lm	195 lm/W	DIP *(see Table)
43 167 45	STE18MB165/840	STE18 MB IP23 16410LM 84,1W/840	ON/OFF	MB 60°	3,0	1 760 mm	84,1 W	16 410 lm	195 lm/W	DIP *(see Table)
43 167 46	STE18MB230/840	STE18 MB IP23 22630LM 120W/840	ON/OFF	MB 60°	3,0	1 760 mm	120,0 W	22 630 lm	189 lm/W	DIP *(see Table)
43 167 47	STE18MB70ED/840	STE18 MB IP23 6700LM 34W/840 DALI	DALI	MB 60°	3,0	1 760 mm	34,0 W	6 700 lm	197 lm/W	
43 167 48	STE18MB120ED/840	STE18 MB IP23 11620LM 59,1W/840 DALI	DALI	MB 60°	3,0	1 760 mm	59,1 W	11 620 lm	197 lm/W	
43 167 49	STE18MB165ED/840	STE18 MB IP23 16280LM 84,4W/840 DALI	DALI	MB 60°	3,0	1 760 mm	84,4 W	16 280 lm	193 lm/W	
43 167 50	STE18MB230ED/840	STE18 MB IP23 22340LM 118,7W/840 DALI	DALI	MB 60°	3,0	1 760 mm	118,7 W	22 340 lm	188 lm/W	
Stella 1760 mm Wide Beam 90°										
43 167 51	STE18WB70/840	STE18 WB IP23 6830LM 34,9W/840	ON/OFF	WB 90°	3,0	1 760 mm	34,9 W	6 830 lm	196 lm/W	DIP *(see Table)
43 167 52	STE18WB120/840	STE18 WB IP23 11880LM 60,9W/840	ON/OFF	WB 90°	3,0	1 760 mm	60,9 W	11 880 lm	195 lm/W	DIP *(see Table)
43 167 53	STE18WB165/840	STE18 WB IP23 16450LM 84,1W/840	ON/OFF	WB 90°	3,0	1 760 mm	84,1 W	16 450 lm	196 lm/W	DIP *(see Table)
43 167 54	STE18WB230/840	STE18 WB IP23 22680LM 120W/840	ON/OFF	WB 90°	3,0	1 760 mm	120,0 W	22 680 lm	189 lm/W	DIP *(see Table)
43 167 55	STE18WB70ED/840	STE18 WB IP23 6720LM 34W/840 DALI	DALI	WB 90°	3,0	1 760 mm	34,0 W	6 720 lm	198 lm/W	
43 167 56	STE18WB120ED/840	STE18 WB IP23 11640LM 59,1W/840 DALI	DALI	WB 90°	3,0	1 760 mm	59,1 W	11 640 lm	197 lm/W	
43 167 57	STE18WB165ED/840	STE18 WB IP23 16310LM 84,4W/840 DALI	DALI	WB 90°	3,0	1 760 mm	84,4 W	16 310 lm	193 lm/W	
43 167 58	STE18WB230ED/840	STE18 WB IP23 22390LM 118,7W/840 DALI	DALI	WB 90°	3,0	1 760 mm	118,7 W	22 390 lm	189 lm/W	

Accessories			Kg	Information
42 601 83	STE15-BPG	STE15 BALL PROOF GRID	0,8	
42 601 84	STE18-BPG	STE18 BALL PROOF GRID	0,9	
42 601 85	STE-SMB	STELLA SURFACE MOUNTING BRACKET	0,5	

ON/OFF

Luminaires per miniature circuit breaker	B10	C10	B16	C16
STE15 32,8 - 57 W	12	19	22	34
STE15 78,9 W	7	12	12	20
STE18 34,9 - 60,9 W	12	19	22	34
STE18 84,1 - 120 W	6	11	11	18

DALI

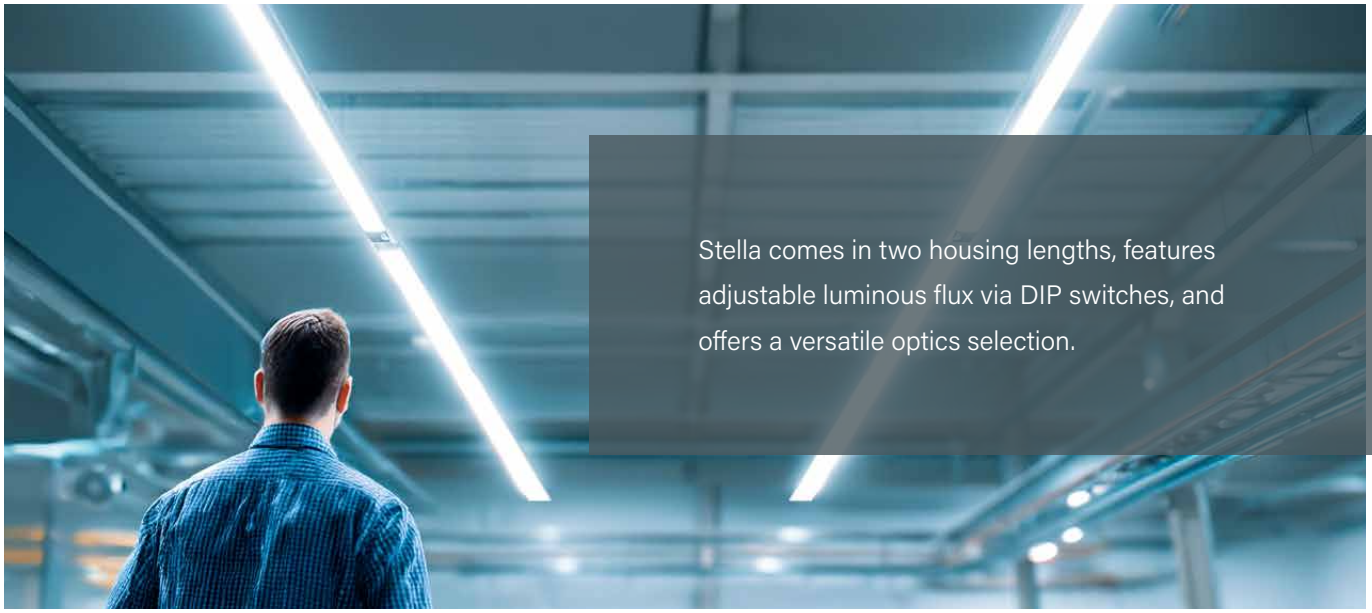
Luminaires per miniature circuit breaker	B10	C10	B16	C16
STE15 31,9 - 55,6 W	13	21	22	36
STE15 79,1 W	10	16	16	26
STE18 34 W	13	21	22	36
STE18 59,1 - 84,4 W	10	16	16	26
STE18 118,7 W	14	14	22	23

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LUMINOUS FLUX SELECTION		STE15		
		NB 30°	MB 60°	WB 90°
200 mA	32,8 W	**6 510 lm**	**6 340 lm**	**6 350 lm**
250 mA	40,7 W	8 120 lm	7 900 lm	7 920 lm
300 mA	48,7 W	9 710 lm	9 440 lm	9 470 lm
350 mA	57,0 W	**11 280 lm**	**10 970 lm**	**10 990 lm**
		NB 30°	MB 60°	WB 90°
350 mA	55,3 W	11 220 lm	10 920 lm	10 940 lm
400 mA	61,9 W	12 500 lm	12 160 lm	12 190 lm
450 mA	71,5 W	14 260 lm	13 880 lm	13 910 lm
500 mA	78,9 W	**15 630 lm**	**15 210 lm**	**15 240 lm**

LUMINOUS FLUX SELECTION		STE18		
		NB 30°	MB 60°	WB 90°
200 mA	34,9 W	**7 000 lm**	**6 810 lm**	**6 830 lm**
250 mA	43,5 W	8 750 lm	8 510 lm	8 530 lm
300 mA	52,1 W	10 470 lm	10 190 lm	10 210 lm
350 mA	60,9 W	**12 190 lm**	**11 860 lm**	**11 880 lm**
		NB 30°	MB 60°	WB 90°
350 mA	58,5 W	11 990 lm	11 670 lm	11 700 lm
400 mA	66 W	13 440 lm	13 080 lm	13 110 lm
450 mA	76,5 W	15 440 lm	15 020 lm	15 060 lm
500 mA	84,1 W	**16 870 lm**	**16 410 lm**	**16 450 lm**
		NB 30°	MB 60°	WB 90°
400 mA	69,6 W	14 160 lm	13 780 lm	13 810 lm
500 mA	86,1 W	17 320 lm	16 850 lm	16 890 lm
600 mA	103,7 W	20 440 lm	19 880 lm	19 930 lm
700 mA	120 W	**23 260 lm**	**22 630 lm**	**22 680 lm**

Stella IP23 LED - T5 & T8 Replacement						
E-number	Code	Description	Lm min	Lm max	T8	T5
43 167 59	STE15NB65/840	STE15 NB IP23 6510LM 32,8W/840	6510	11280	2x36-3x58	2x28-3x54
43 167 60	STE15NB110/840	STE15 NB IP23 11280LM 57W/840	6510	11280	2x36-3x58	2x28-3x54
43 167 19	STE15NB155/840	STE15 NB IP23 15630LM 78,9W/840	11220	15630	3x58-4x58	3x54-3x80
43 167 23	STE15MB65/840	STE15 MB IP23 6340LM 32,8W/840	6340	10970	2x36-3x58	2x28-3x54
43 167 24	STE15MB110/840	STE15 MB IP23 10970LM 57W/840	6340	10970	2x36-3x58	2x28-3x54
43 167 25	STE15MB155/840	STE15 MB IP23 15210LM 78,9W/840	10920	15210	3x58-4x58	3x54-3x80
43 167 29	STE15WB65/840	STE15 WB IP23 6350LM 32,8W/840	6350	10990	2x36-3x58	2x28-3x54
43 167 30	STE15WB110/840	STE15 WB IP23 10990LM 57W/840	6350	10990	2x36-3x58	2x28-3x54
43 167 31	STE15WB155/840	STE15 WB IP23 15240LM 78,9W/840	10940	15240	3x58-4x58	3x54-3x80
43 167 35	STE18NB70/840	STE18 NB IP23 7000LM 34,9W/840	7000	12190	2x58-4x58	2x35-4x58
43 167 36	STE18NB120/840	STE18 NB IP23 12190LM 60,9W/840	7000	12190	2x58-4x58	2x35-4x58
43 167 37	STE18NB165/840	STE18 NB IP23 16870LM 84,1W/840	11990	16870	3x58-4x58	3x49-3x80
43 167 38	STE18NB230/840	STE18 NB IP23 23260LM 120W/840	14160	23260	3x58-4x58	3x49-3x80
43 167 43	STE18MB70/840	STE18 MB IP23 6810LM 34,9W/840	6810	11860	2x58-4x58	2x35-4x58
43 167 44	STE18MB120/840	STE18 MB IP23 11860LM 60,9W/840	6810	11860	2x58-4x58	2x35-4x58
43 167 45	STE18MB165/840	STE18 MB IP23 16410LM 84,1W/840	1160	16410	3x58-4x58	3x49-3x80
43 167 46	STE18MB230/840	STE18 MB IP23 22630LM 120W/840	13780	22630	3x58-4x58	3x49-3x80
43 167 51	STE18WB70/840	STE18 WB IP23 6830LM 34,9W/840	6830	11880	2x58-4x58	2x35-4x58
43 167 52	STE18WB120/840	STE18 WB IP23 11880LM 60,9W/840	6830	11880	2x58-4x58	2x35-4x58
43 167 53	STE18WB165/840	STE18 WB IP23 16450LM 84,1W/840	11700	16450	3x58-4x58	3x49-3x80
43 167 54	STE18WB230/840	STE18 WB IP23 22680LM 120W/840	13810	22680	3x58-4x58	3x49-3x80



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