

#### FEATURES

- 4 different sharp beam angles
- Wide variety of TM30 optimized LEDs
- ENEC approved drivers
- IEEE P1789 Flickerfree driver to 1%

#### COLOURS

Available colours:



**Reflector**  
LV 18° / 37° / 60°



**Diffuser**  
LV 80° (on request for CRI82)



Matt white RAL 9016 (XX=MW)  
Matt black RAL 9005 (XX=BL)

#### SPRINGS

Standard with CS springs (concrete/gyproc).  
Also available as above with  
WS springs (gypro/metal).

## Linea DS-FS 120 LV(-HE)

Fixed

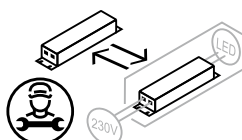
### SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° / 80°
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK09
Operating temperature (Ta)	-20°C / +45°C <sup>1</sup>
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 years * (within the European Union and the countries of the Free Trade Association for products delivered after 1 May 2015)
Energy class	These products contain a light source of energy efficiency class: <b>CRI95 - D (3000K/4000K) &amp; CRI82 - E (3000K) / D (4000K)</b>

This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire. EU 874/2012

<sup>1</sup> In applications with a flat roof (fi. car showrooms) the temperatures may exceed 45°C. Please ask our sales office for a special driver.

Ask our sales department about the possibilities for:  
- Tunable white 2700-6500K.



Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.

IP20

IP44

## LINEA DS-FS 120 VARIATIONS

LINEA DS-FS 120 LV-HE	CRI95	3000/4000K	3300/3500Lm	incl. power supply	page 3
LINEA DS-FS 120 LV-HE	CRI95	3000/4000K	5000/5300Lm	incl. power supply	page 4
LINEA DS-FS 120 LV-HE	CRI82	3000/4000K	3575/3650Lm	incl. power supply	page 5
LINEA DS-FS 120 LV-HE	CRI82	3000/4000K	5550/5800Lm	incl. power supply	page 6

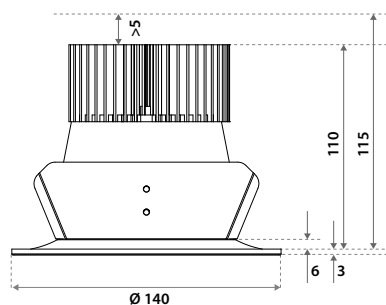
## CRI95 CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt		UGR				Driver types				
			3000K	4000K	3000K	4000K	3000K				No dim	Triac	1-10V&Push	Dali	Casambi
							18°	37°	60°	80°					
Special request	250	9,4	1250	1275	133	136	14.9	14.4	17.4	25.6	CC21W150-500	on request	125400	142014	142047
Special request	350	13,3	1725	1750	130	132	16.0	15.5	18.5	26.7	145192	EC25CA-EIZHP	125400	142014	142047
Special request	500	19,4	2400	2500	124	129	17.2	16.7	19.7	27.8	145192	EC25CA-EIZHP	125400	142014	142047
Standard	700	28,0	3300	3500	118	125	18.3	17.8	20.8	28.9	145192	EC25CA-EIZHP	126421	142014	142047
Special request	800	32,5	3725	3950	115	122	18.7	18.2	21.2	29.4	145192	on request	151100	142014	142047
Special request	900	37,0	4150	4400	112	119	19.1	18.6	21.6	29.7	145192	on request	151100	142014	142047
Special request	1050	44,1	4575	4850	104	110	19.4	18.9	21.9	30.1	145192	on request	151100	142014	142047
Standard	1200	51,3	5000	5300	97	103	19.7	19.2	22.2	30.4	127690	x	ECO561A	ECO560A	x

## CRI82 CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt		UGR				Driver types				
			3000K	4000K	3000K	4000K	3000K				No dim	Triac	1-10V&Push	Dali	Casambi
							18°	37°	60°						
Special request	250	9.2	1350	1400	147	152	15.2	14.7	17.7		CC21W150-500	on request	125400	142014	142047
Special request	350	13.1	1850	1900	141	145	16.3	15.8	18.8		145192	EC25CA-EIZHP	125400	142014	142047
Special request	500	19.4	2525	2600	130	134	17.4	16.8	19.9		145192	EC25CA-EIZHP	125400	142014	142047
Standard	700	27.9	3575	3650	128	131	18.6	18.1	21.1		145192	EC25CA-EIZHP	126421	142014	142047
Special request	800	32.4	3825	4050	118	125	18.8	18.3	21.3		145192	on request	151100	142014	142047
Special request	900	36.8	4300	4500	117	122	19.2	18.7	21.7		145192	on request	151100	142014	142047
Special request	1050	43.7	4900	5100	112	117	19.7	19.2	22.2		145192	on request	151100	142014	142047
Standard	1200	51.2	5550	5800	108	113	20.1	19.6	22.6		127690	x	ECO561A	ECO560A	x

## DIMENSIONS



## CUT-OUT



**Using CS springs.** Ø 120 mm.  
 Thickness ceiling 10-115 mm & recess depth 115 mm. For plasterboard ceilings or similar harder materials thicker than 9 mm.



**Using WS springs.** Ø 120-130 mm.  
 Thickness ceiling 1-40 mm & recess depth 115 mm. For soft ceiling tiles. We recommend using a ceiling ring on the reverse side of the tile.

## LINEA DS-FS 120 LV-HE

**CRI95 3300/3500LM**

### ITEM SPECIFICATIONS (PART A)

Description	Item code		UGR	Type	mA	Vf
	CS	WS				
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 18° No dim	28R003XXCA02	28R003XXEA02	18.3	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 18° 1-10V & Push	28R003XXNA02	28R003XXQA02	18.3	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 18° Dali	28R003XXPA02	28R003XXRA02	18.3	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 37° No dim	28R003XXCB02	28R003XXEB02	17.8	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 37° 1-10V & Push	28R003XXNB02	28R003XXQB02	17.8	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 37° Dali	28R003XXPB02	28R003XXRB02	17.8	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 60° No dim	28R003XXCC02	28R003XXEC02	20.8	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 60° 1-10V & Push	28R003XXNC02	28R003XXQC02	20.8	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 60° Dali	28R003XXPC02	28R003XXRC02	20.8	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 80° No dim	28R003XXG602	28R003XXZ602	28.9	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 80° 1-10V & Push	28R003XXU602	28R003XXV602	28.9	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 80° Dali	28R003XXT602	28R003XXR602	28.9	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 18° No dim	28R003XXCD02	28R003XXED02	18.5	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 18° 1-10V & Push	28R003XXND02	28R003XXQD02	18.5	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 18° Dali	28R003XXPD02	28R003XXRD02	18.5	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 37° No dim	28R003XXCE02	28R003XXEE02	18.0	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 37° 1-10V & Push	28R003XXNE02	28R003XXQE02	18.0	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 37° Dali	28R003XXPE02	28R003XXRE02	18.0	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 60° No dim	28R003XXCF02	28R003XXEF02	21.0	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 60° 1-10V & Push	28R003XXNF02	28R003XXQF02	21.0	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 60° Dali	28R003XXPF02	28R003XXRF02	21.0	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 80° No dim	28R003XXG802	28R003XXZ802	29.1	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 80° 1-10V & Push	28R003XXU802	28R003XXV802	29.1	Incl. PSU	700	40,0
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 80° Dali	28R003XXT802	28R003XXR802	29.1	Incl. PSU	700	40,0

### ITEM SPECIFICATIONS (PART B)

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 No dim	28,0	3300	118	95	0.98	<5%	7A 13μS	50 pcs	II	D
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 1-10V & Push	28,0	3300	118	95	0.95	<3%	5A 50μS	50 pcs	II	D
Linea DS-FS LV-HE 3300 Lm 3000K CRI95 Dali	28,0	3300	118	95	0.95	<3%	5A 50μS	50 pcs	II	D
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 No dim	28,0	3500	125	95	0.98	<5%	7A 13μS	50 pcs	II	D
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 1-10V & Push	28,0	3500	125	95	0.95	<3%	5A 50μS	50 pcs	II	D
Linea DS-FS LV-HE 3500 Lm 4000K CRI95 Dali	28,0	3500	125	95	0.95	<3%	5A 50μS	50 pcs	II	D

### ITEM SPECIFICATIONS (PART C)

Description	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime			Reported Lifetime*		
				L70B10	L80B10	L90B10	L70B10	L80B10	L90B10
Linea DS-FS LV-HE CRI95	622 gr	190x150x120 mm	32 pcs	653.000 hrs	529.000 hrs	465.000 hrs	>105.000 hrs	>105.000 hrs	>105.000 hrs

All values are measured at 230V (+/- 7%). \* Based on 19.000hrs of LM80 testing at 1200mA and a Tc85°C.

## LINEA DS-FS 120 LV-HE

**CRI95 5000/5300LM**

### ITEM SPECIFICATIONS (PART A)

Description	Item code		UGR	Type	mA	Vf
	CS	WS				
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 18° No dim	28R003XXCR02	28R003XXER02	19.7	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 18° 1-10V & Push	28R003XXNK02	28R003XXQK02	19.7	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 18° Dali	28R003XXPK02	28R003XXRK02	19.7	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 37° No dim	28R003XXCS02	28R003XXES02	19.2	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 37° 1-10V & Push	28R003XXNL02	28R003XXQL02	19.2	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 37° Dali	28R003XXPL02	28R003XXRL02	19.2	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 60° No dim	28R003XXCT02	28R003XXET02	22.2	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 60° 1-10V & Push	28R003XXNM02	28R003XXQM02	22.2	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 60° Dali	28R003XXPM02	28R003XXRM02	22.2	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 80° No dim	28R003XXG702	28R003XXZ702	30.4	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 80° 1-10V & Push	28R003XXU702	28R003XXV702	30.4	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 80° Dali	28R003XXT702	28R003XXR702	30.4	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 18° No dim	28R003XXCU02	28R003XXEU02	19.9	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 18° 1-10V & Push	28R003XXNN02	28R003XXQN02	19.9	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 18° Dali	28R003XXPN02	28R003XXRN02	19.9	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 37° No dim	28R003XXCV02	28R003XXEV02	19.4	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 37° 1-10V & Push	28R003XXNP02	28R003XXQP02	19.4	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 37° Dali	28R003XXPP02	28R003XXRP02	19.4	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 60° No dim	28R003XXCW02	28R003XXEW02	22.4	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 60° 1-10V & Push	28R003XXNQ02	28R003XXQQ02	22.4	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 60° Dali	28R003XXPQ02	28R003XXRQ02	22.4	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 80° No dim	28R003XXG902	28R003XXZ902	30.6	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 80° 1-10V & Push	28R003XXU902	28R003XXV902	30.6	Incl. PSU	1200	42,7
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 80° Dali	28R003XXT902	28R003XXR902	30.6	Incl. PSU	1200	42,7

### ITEM SPECIFICATIONS (PART B)

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 No dim	51,3	5000	97	95	0.95	<3%	5A 50µs	50 pcs	II	D
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 1-10V & Push	51,3	5000	97	95	0.95	<3%	100mA²s	22 pcs	II	D
Linea DS-FS LV-HE 5000 Lm 3000K CRI95 Dali	51,3	5000	97	95	0.95	<3%	100mA²s	22 pcs	II	D
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 No dim	51,3	5300	103	95	0.95	<3%	5A 50µs	50 pcs	II	D
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 1-10V & Push	51,3	5300	103	95	0.95	<3%	100mA²s	22 pcs	II	D
Linea DS-FS LV-HE 5300 Lm 4000K CRI95 Dali	51,3	5300	103	95	0.95	<3%	100mA²s	22 pcs	II	D

### ITEM SPECIFICATIONS (PART C)

Description	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime			Reported Lifetime*		
				L70B10	L80B10	L90B10	L70B10	L80B10	L90B10
Linea DS-FS LV-HE CRI95	622 gr	190x150x120 mm	32 pcs	653.000 hrs	529.000 hrs	465.000 hrs	>105.000 hrs	>105.000 hrs	>105.000 hrs

All values are measured at 230V (+/- 7%). \* Based on 19.000hrs of LM80 testing at 1200mA and a Tc85°C.

**LINEA DS-FS 120 LV-HE**
**CRI82 3575/3650LM**
**ITEM SPECIFICATIONS (PART A)**

Description	Item code		UGR	Type	mA	Vf
	CS	WS				
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 18° No dim	28N003XXCA02	28N003XXEA02	18.6	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 18° 1-10V & Push	28N003XXNA02	28N003XXQA02	18.6	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 18° Dali	28N003XXPA02	28N003XXRA02	18.6	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 37° No dim	28N003XXCB02	28N003XXEB02	18.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 37° 1-10V & Push	28N003XXNB02	28N003XXQB02	18.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 37° Dali	28N003XXPB02	28N003XXRB02	18.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 60° No dim	28N003XXCC02	28N003XXEC02	21.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 60° 1-10V & Push	28N003XXNC02	28N003XXQC02	21.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 60° Dali	28N003XXPC02	28N003XXRC02	21.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 18° No dim	28N003XXCD02	28N003XXED02	18.6	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 18° 1-10V & Push	28N003XXND02	28N003XXQD02	18.6	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 18° Dali	28N003XXPD02	28N003XXRD02	18.6	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 37° No dim	28N003XXCE02	28N003XXEE02	18.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 37° 1-10V & Push	28N003XXNE02	28N003XXQE02	18.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 37° Dali	28N003XXPE02	28N003XXRE02	18.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 60° No dim	28N003XXCF02	28N003XXEF02	21.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 60° 1-10V & Push	28N003XXNF02	28N003XXQF02	21.1	Incl. PSU	700	35,3
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 60° Dali	28N003XXPF02	28N003XXRF02	21.1	Incl. PSU	700	35,3

**ITEM SPECIFICATIONS (PART B)**

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 No dim	27,9	3575	128	82	0.98	<5%	7A 13μS	50 pcs	II	E
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 1-10V & Push	27,9	3575	128	82	0.95	<3%	5A 50μS	50 pcs	II	E
Linea DS-FS LV-HE 3575 Lm 3000K CRI82 Dali	27,9	3575	128	82	0.95	<3%	5A 50μS	50 pcs	II	E
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 No dim	27,9	3650	131	82	0.98	<5%	7A 13μS	50 pcs	II	D
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 1-10V & Push	27,9	3650	131	82	0.95	<3%	5A 50μS	50 pcs	II	D
Linea DS-FS LV-HE 3650 Lm 4000K CRI82 Dali	27,9	3650	131	82	0.95	<3%	5A 50μS	50 pcs	II	D

**ITEM SPECIFICATIONS (PART C)**

Description	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime			Reported Lifetime*		
				L70B10	L80B10	L90B10	L70B10	L80B10	L90B10
Linea DS-FS LV-HE CRI82	622 gr	190x150x120 mm	32 pcs	653.000 hrs	529.000 hrs	465.000 hrs	>105.000 hrs	>105.000 hrs	>105.000 hrs

All values are measured at 230V (+/- 7%). \* Based on 19.000hrs of LM80 testing at 1200mA and a Tc85°C.

**LINEA DS-FS 120 LV-HE**

**CRI82 5550/5800LM**

**ITEM SPECIFICATIONS (PART A)**

Description	Item code		UGR	Type	mA	Vf
	CS	WS				
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 18° No dim	28N003XXCR02	28N003XXER02	20.1	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 18° 1-10V & Push	28N003XXNK02	28N003XXQK02	20.1	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 18° Dali	28N003XXPK02	28N003XXRK02	20.1	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 37° No dim	28N003XXCS02	28N003XXES02	19.6	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 37° 1-10V & Push	28N003XXNL02	28N003XXQL02	19.6	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 37° Dali	28N003XXPL02	28N003XXRL02	19.6	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 60° No dim	28N003XXCT02	28N003XXET02	22.6	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 60° 1-10V & Push	28N003XXNM02	28N003XXQM02	22.6	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 60° Dali	28N003XXPM02	28N003XXRM02	22.6	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 18° No dim	28N003XXCU02	28N003XXEU02	20.2	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 18° 1-10V & Push	28N003XXNN02	28N003XXQN02	20.2	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 18° Dali	28N003XXPN02	28N003XXRN02	20.2	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 37° No dim	28N003XXCV02	28N003XXEV02	19.7	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 37° 1-10V & Push	28N003XXNP02	28N003XXQP02	19.7	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 37° Dali	28N003XXPP02	28N003XXRP02	19.7	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 60° No dim	28N003XXCW02	28N003XXEW02	22.8	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 60° 1-10V & Push	28N003XXNQ02	28N003XXQQ02	22.8	Incl. PSU	1200	37,5
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 60° Dali	28N003XXPQ02	28N003XXRQ02	22.8	Incl. PSU	1200	37,5

**ITEM SPECIFICATIONS (PART B)**

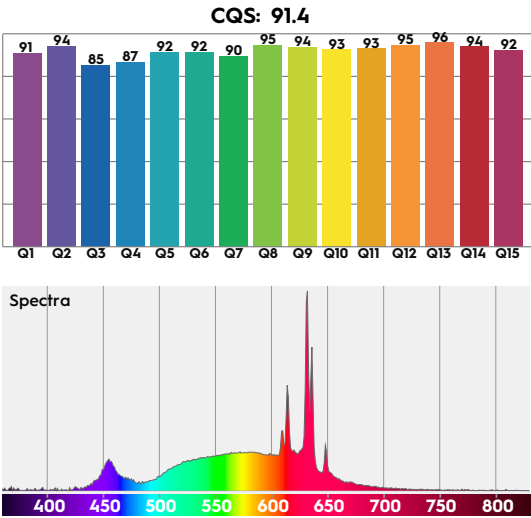
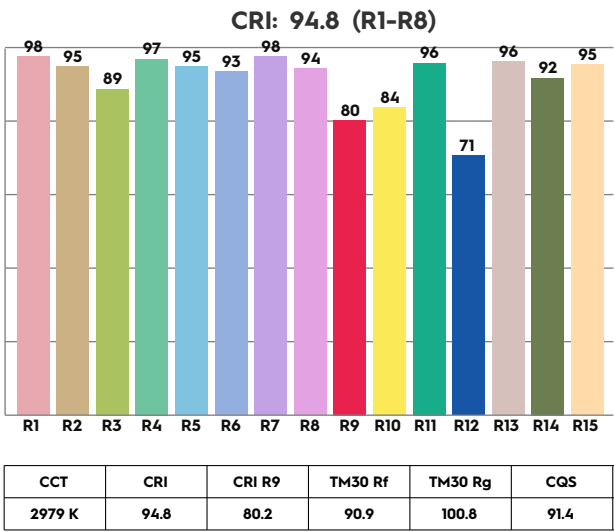
Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 No dim	51,2	5550	108	82	0.95	<3%	5A 50μs	50 pcs	II	E
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 1-10V & Push	51,2	5550	108	82	0.95	<3%	100mA²s	22 pcs	II	E
Linea DS-FS LV-HE 5550 Lm 3000K CRI82 Dali	51,2	5550	108	82	0.95	<3%	100mA²s	22 pcs	II	E
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 No dim	51,2	5800	113	82	0.95	<3%	5A 50μs	50 pcs	II	D
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 1-10V & Push	51,2	5800	113	82	0.95	<3%	100mA²s	22 pcs	II	D
Linea DS-FS LV-HE 5800 Lm 4000K CRI82 Dali	51,2	5800	113	82	0.95	<3%	100mA²s	22 pcs	II	D

**ITEM SPECIFICATIONS (PART C)**

Description	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime			Reported Lifetime*		
				L70B10	L80B10	L90B10	L70B10	L80B10	L90B10
Linea DS-FS LV-HE CRI82	622 gr	190x150x120 mm	32 pcs	653.000 hrs	529.000 hrs	465.000 hrs	>105.000 hrs	>105.000 hrs	>105.000 hrs

All values are measured at 230V (+/- 7%). \* Based on 19.000hrs of LM80 testing at 1200mA and a Tc85°C.

3000K



4000K

