

REWARDING BRIGHTNESS

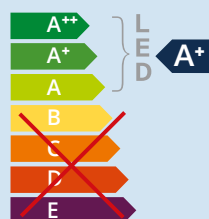


## Downlights

## Linea DS-F 150 MLMC Fixed

### Specifications

Colour white	Matte white RAL 9016 (XX=MW)
Colour grey	Matte grey RAL 9006 (XX=GR)
Colour black	Matte black RAL 9005 (XX=BL)
Beam angle (FWHM)	45° / 65°
UGR (4H8H 70/50/20)	<19 (45° + 60° <3400 Lm)
Fixture material	Diecast aluminium
Environment	Indoor, cove lighting
IP rate	IP20 / IP44
IK rate	IK02
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Warranty	7 Years


 This luminaire contains  
built-in LED lamps

 The lamps cannot be changed in  
the luminaire.


874/2012



**160 mm:** For soft ceiling tiles. We recommend using a wooden plate or a ceiling ring on the reverse side of the tile.  
**150-165 mm:** For plasterboard ceilings or similar harder materials.

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

## Item specifications

Description	Item code	Type	Energy class	Safety class	Weight	Dimensions single carton	Quantity per carton
Linea DS-F 5700 Lm 4000K CRI80	180503XXYYE2	Excl. PSU	A+	III	1590 gr	185x185x160 mm	12 pcs
Linea DS-F 5000 Lm 3000K CRI80	180503XXYYE2	Excl. PSU	A+	III	1590 gr	185x185x160 mm	12 pcs
Linea DS-F 3750 Lm 3000K CRI96	180503XXYYE2	Excl. PSU	A+	III	1590 gr	185x185x160 mm	12 pcs

## Lumen settings

### DS-F 5700 LM 4000 K CRI 80

Item code	mA	V	W	Lm	Lm/W	PF	CRI (typ.)	Expected lifespan (25°C)			UGR	
								L70B50	L80B50	L90B50	45°	65°
Special request	900	35,3	30,9	3850	125	x	82	131.000 hrs	80.000 hrs	35.000 hrs	16.5	19.4
Special request	1050	35,8	36,3	4400	121	x	82	129.000 hrs	78.000 hrs	33.000 hrs	16.9	19.8
Special request	1200	36,4	42,2	5000	118	x	82	129.000 hrs	78.000 hrs	33.000 hrs	17.4	20.3
180503XXYYE2	1400	37,5	49,8	5700	114	x	82	129.000 hrs	78.000 hrs	33.000 hrs	17.8	20.7

XX= Matt white (MW) / Grey (GR) / Black (BL),

YY= 45° (CM), 65° (CN)

### DS-F 5000 LM 3000 K CRI 80

Item code	mA	V	W	Lm	Lm/W	PF	CRI (typ.)	Expected lifespan (25°C)			UGR	
								L70B50	L80B50	L90B50	45°	65°
Special request	900	35,3	30,9	3400	110	x	82	131.000 hrs	80.000 hrs	35.000 hrs	16.0	18.9
Special request	1050	35,8	36,3	3750	103	x	82	129.000 hrs	78.000 hrs	33.000 hrs	16.4	19.3
Special request	1200	36,4	42,2	4250	101	x	82	129.000 hrs	78.000 hrs	33.000 hrs	16.8	19.7
180503XXYYE2	1400	37,5	49,8	5000	100	x	82	129.000 hrs	78.000 hrs	33.000 hrs	17.4	20.3

XX= Matt white (MW) / Grey (GR) / Black (BL),

YY= 45° (CK), 65° (CL)

### DS-F 3750 LM 3000 K CRI 96

Item code	mA	V	W	Lm	Lm/W	PF	CRI (typ.)	Expected lifespan (25°C)			UGR	
								L70B50	L80B50	L90B50	45°	65°
Special request	900	35,3	30,9	2600	84	x	96	131.000 hrs	80.000 hrs	35.000 hrs	15.1	18.0
Special request	1050	35,8	36,3	2900	80	x	96	129.000 hrs	78.000 hrs	33.000 hrs	15.5	18.4
Special request	1200	36,4	42,2	3250	77	x	96	129.000 hrs	78.000 hrs	33.000 hrs	15.9	18.8
180503XXYYE2	1400	37,5	49,8	3750	75	x	96	129.000 hrs	78.000 hrs	33.000 hrs	16.4	19.3

XX= Matt white (MW) / Grey (GR) / Black (BL),

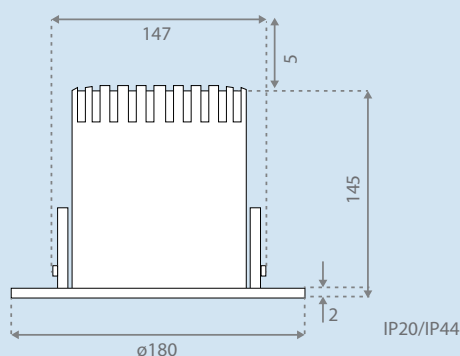
YY= 45° (CP), 65° (CQ)

## Choose your power supply

Lamp current	Lamp Wattage	Lumen Output			Lumen / Watt			DALI Ripple < 3%	1-10V Ripple < 3%	NO DIM Ripple < 3%	NO DIM Ripple < 20%
		CRI80 3000K	CRI80 4000K	CRI96 3000K	CRI80 3000K	CRI80 4000K	CRI96 3000K				
900 mA	30,9	3400	3850	2600	110	125	84	05CJ <sup>2</sup>	05CT <sup>2</sup>	05CY <sup>2</sup>	05CF <sup>2</sup>
1050 mA	36,3	3750	4400	2900	103	121	80	05CZ <sup>1</sup>	05CT <sup>1</sup>	05CY <sup>1</sup>	05CL <sup>1</sup>
1200 mA	42,2	4250	5000	3250	101	118	77	05CQ <sup>2</sup>	05CQ <sup>2</sup>	05CP <sup>2</sup>	x
1400 mA	49,8	5000	5700	3750	100	114	75	05CQ <sup>2</sup>	05CQ <sup>2</sup>	05CP <sup>2</sup>	x

<sup>1</sup> Standard setting. <sup>2</sup> Can be set during installation by adjusting DIP-switch settings.

## Dimensions



## Extra option

**LEDs from the LUXEON Stylist Series**  
Specially developed for shops specialised in fashion or fresh food, and for restaurants. Ask our sales department about the possibilities.



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## Item specifications

Description	Item code	Type	Energy class	Safety class	Weight	Dimensions single carton	Quantity per carton
Linea DS-F 3400 Lm 4000K CRI80	180503XXYYE2	Excl. PSU	A+	III	1590 gr	185x185x160 mm	12 pcs
Linea DS-F 3000 Lm 3000K CRI80	180503XXYYE2	Excl. PSU	A+	III	1590 gr	185x185x160 mm	12 pcs
Linea DS-F 2500 Lm 3000K CRI96	180503XXYYE2	Excl. PSU	A+	III	1590 gr	185x185x160 mm	12 pcs

## Lumen settings

### DS-F 3400 LM 4000 K CRI 80

Item code	mA	V	W	Lm	Lm/W	PF	CRI (typ.)	Expected lifespan (25°C)			UGR	
								L70B50	L80B50	L90B50	45°	65°
Special request	350	33,0	11,5	1650	143	x	82	134.000 hrs	82.000 hrs	37.000 hrs	13.5	16.4
Special request	500	33,6	15,6	2200	141	x	82	134.000 hrs	82.000 hrs	37.000 hrs	14.5	17.4
Special request	700	34,5	23,5	3150	134	x	82	134.000 hrs	82.000 hrs	37.000 hrs	15.8	18.7
180503XXYYE2	800	35,3	27,9	3400	122	x	82	131.000 hrs	80.000 hrs	35.000 hrs	16.0	18.9

XX= Matt white (MW) / Grey (GR) / Black (BL),

YY= 45° (JC), 65° (JD)

### DS-F 3000 LM 3000 K CRI 80

Item code	mA	V	W	Lm	Lm/W	PF	CRI (typ.)	Expected lifespan (25°C)			UGR	
								L70B50	L80B50	L90B50	45°	65°
Special request	350	33,0	11,5	1500	130	x	82	134.000 hrs	82.000 hrs	37.000 hrs	13.2	16.1
Special request	500	33,6	15,6	2000	128	x	82	134.000 hrs	82.000 hrs	37.000 hrs	14.2	17.1
Special request	700	34,5	23,5	2700	115	x	82	134.000 hrs	82.000 hrs	37.000 hrs	15.2	18.1
180503XXYYE2	800	35,3	27,9	3000	108	x	82	131.000 hrs	80.000 hrs	35.000 hrs	15.6	18.5

XX= Matt white (MW) / Grey (GR) / Black (BL),

YY= 45° (JA), 65° (JB)

### DS-F 2500 LM 3000 K CRI 96

Item code	mA	V	W	Lm	Lm/W	PF	CRI (typ.)	Expected lifespan (25°C)			UGR	
								L70B50	L80B50	L90B50	45°	65°
Special request	350	33,0	11,5	1100	96	x	96	134.000 hrs	82.000 hrs	37.000 hrs	12.1	15.0
Special request	500	33,6	15,6	1450	93	x	96	134.000 hrs	82.000 hrs	37.000 hrs	13.1	16.0
Special request	700	34,5	23,5	2150	91	x	96	134.000 hrs	82.000 hrs	37.000 hrs	14.4	17.3
180503XXYYE2	800	35,3	27,9	2500	90	x	96	131.000 hrs	80.000 hrs	35.000 hrs	15.0	17.9

XX= Matt white (MW) / Grey (GR) / Black (BL),

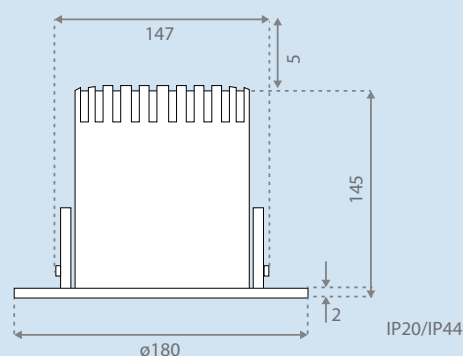
YY= 45° (CX), 65° (CY)

## Choose your power supply

Lamp current	Lamp Wattage	Lumen Output			Lumen / Watt			DALI Ripple < 3%	1-10V Ripple < 3%	NO DIM Ripple < 3%	NO DIM Ripple < 20%
		CRI80	CRI80	CRI96	CRI80	CRI80	CRI96				
		3000K	4000K	3000K	3000K	4000K	3000K				
350 mA	11,5	1500	1650	1100	130	143	96	05CJ <sup>2</sup>	05CT <sup>2</sup>	05CW <sup>2</sup>	05CV <sup>2</sup>
500 mA	15,6	2000	2200	1450	128	141	93	05CJ <sup>2</sup>	05CT <sup>2</sup>	05CW <sup>2</sup>	05CV <sup>2</sup>
700 mA	23,5	2700	3150	2150	115	134	91	05CJ <sup>1</sup>	05CT <sup>2</sup>	05BZ <sup>1</sup>	05CV <sup>1</sup>
800 mA	27,9	3000	3400	2500	108	122	90	05CJ <sup>2</sup>	05CT <sup>2</sup>	05CY <sup>2</sup>	05CF <sup>2</sup>

<sup>1</sup> Standard setting. <sup>2</sup> Can be set during installation by adjusting DIP-switch settings.

## Dimensions



## Extra option

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