

FEATURES

- High CRI LED optimized towards TM30
- ENEC approved drivers

SPRINGS

Other springs only available through our MIYO department.



Diffuser
LV 80°

COLOURS

Available colours:



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

Fluxe 185 LV(-HE)

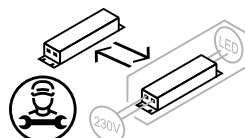
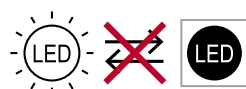
Fixed

SPECIFICATIONS

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium / Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK03
Glow wire test	650°C
Operating temperature (Ta)	-20°C / +45°C ¹
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: CRI95 - D (3000K/4000K) & CRI82 - E (3000K) / D (4000K)

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

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



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

FLUXE 185 VARIATIONS

Fluxe 185 LV-HE	CRI95	3000/4000K	3300/3500Lm	incl. power supply	page 3
Fluxe 185 LV-HE	CRI95	3000/4000K	5000/5300Lm	incl. power supply	page 4
Fluxe 185 LV-HE	CRI82	3000/4000K	3575/3650Lm	incl. power supply	page 5
Fluxe 185 LV-HE	CRI82	3000/4000K	5550/5800Lm	incl. power supply	page 6

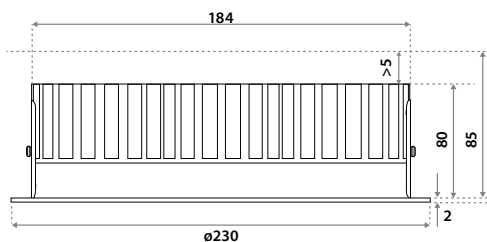
CRI95 CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt		UGR		Driver types				
			3000K	4000K	3000K	4000K	3000K	4000K	No dim	Triac	1-10V&Push	Dali	Casambi
Special request	250	9,4	1250	1275	133	136	21.8	21.9	CC21W150-500	on request	125400	142014	142047
Special request	350	13,3	1725	1750	130	132	22.9	23.0	145192	EC25CA-E1ZHP	125400	142014	142047
Special request	500	19,4	2400	2500	124	129	24.1	24.2	145192	EC25CA-E1ZHP	125400	142014	142047
Standard	700	28,0	3300	3500	118	125	25.2	25.4	145192	EC25CA-E1ZHP	126421	142014	142047
Special request	800	32,5	3725	3950	115	122	25.6	25.8	145192	on request	151100	142014	142047
Special request	900	37,0	4150	4400	112	119	26.0	26.2	145192	on request	151100	142014	142047
Special request	1050	44,1	4575	4850	104	110	26.3	26.5	145192	on request	151100	142014	142047
Standard	1200	51,3	5000	5300	97	103	26.6	26.8	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	4000K	No dim	Triac	1-10V&Push	Dali	Casambi
Special request	250	9,2	1350	1400	147	152	22.1	22.2	CC21W150-500	on request	125400	142014	142047
Special request	350	13,1	1850	1900	141	145	23.2	23.2	145192	EC25CA-E1ZHP	125400	142014	142047
Special request	500	19,4	2525	2600	130	134	24.2	24.3	145192	EC25CA-E1ZHP	125400	142014	142047
Standard	700	27,9	3575	3650	128	131	25.4	25.5	145192	EC25CA-E1ZHP	126421	142014	142047
Special request	800	32,4	3825	4050	118	125	25.7	25.9	145192	on request	151100	142014	142047
Special request	900	36,8	4300	4500	117	122	26.1	26.2	145192	on request	151100	142014	142047
Special request	1050	43,7	4900	5100	112	117	26.5	26.7	145192	on request	151100	142014	142047
Standard	1200	51,2	5550	5800	108	113	27.0	27.1	127690	x	ECO561A	ECO560A	x

DIMENSIONS



CUT-OUT



Using CS springs:

Thickness ceiling 5-85 mm & recess depth 85 mm.

185 mm: For soft ceiling tiles. We recommend using a wooden plate or a ceiling ring on the reverse side of the tile.

185-205 mm: For plasterboard ceilings or similar harder materials.

FLUXE 185 LV-HE

CRI95 3300/3500LM

ITEM SPECIFICATIONS (PART A)

Description	80°		Type	mA	Vf
	Item code	UGR			
Fluxe 185 LV-HE 3300 Lm 3000K CRI95 No dim	82R103XXYR02	25.2	Incl. PSU	700	40,0
Fluxe 185 LV-HE 3300 Lm 3000K CRI95 1-10V & Push	82R103XXYH02	25.2	Incl. PSU	700	40,0
Fluxe 185 LV-HE 3300 Lm 3000K CRI95 Dali	82R103XXYM02	25.2	Incl. PSU	700	40,0
Fluxe 185 LV-HE 3500 Lm 4000K CRI95 No dim	82R103XXYY02	25.4	Incl. PSU	700	40,0
Fluxe 185 LV-HE 3500 Lm 4000K CRI95 1-10V & Push	82R103XXYU02	25.4	Incl. PSU	700	40,0
Fluxe 185 LV-HE 3500 Lm 4000K CRI95 Dali	82R103XXYW02	25.4	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
Fluxe 185 LV-HE 3300 Lm 3000K CRI95 No dim	28,0	3300	118	95	0.98	<5%	7A 13µS	50 pcs	II	D
Fluxe 185 LV-HE 3300 Lm 3000K CRI95 1-10V & Push	28,0	3300	118	95	0.95	<3%	5A 50µS	50 pcs	II	D
Fluxe 185 LV-HE 3300 Lm 3000K CRI95 Dali	28,0	3300	118	95	0.95	<3%	5A 50µS	50 pcs	II	D
Fluxe 185 LV-HE 3500 Lm 4000K CRI95 No dim	28,0	3500	125	95	0.98	<5%	7A 13µS	50 pcs	II	D
Fluxe 185 LV-HE 3500 Lm 4000K CRI95 1-10V & Push	28,0	3500	125	95	0.95	<3%	5A 50µS	50 pcs	II	D
Fluxe 185 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
Fluxe 185 LV-HE CRI95	1400 gr	233x233x85 mm	20 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.

FLUXE 185 LV-HE

CRI95 5000/5300LM

ITEM SPECIFICATIONS (PART A)

Description	80°		Type	mA	Vf
	Item code	UGR			
Fluxe 185 LV-HE 5000 Lm 3000K CRI95 No dim	82R103XXYT02	26.6	Incl. PSU	1200	42,7
Fluxe 185 LV-HE 5000 Lm 3000K CRI95 1-10V & Push	82R103XXYK02	26.6	Incl. PSU	1200	42,7
Fluxe 185 LV-HE 5000 Lm 3000K CRI95 Dali	82R103XXYP02	26.6	Incl. PSU	1200	42,7
Fluxe 185 LV-HE 5300 Lm 4000K CRI95 No dim	82R103XXYZ02	26.8	Incl. PSU	1200	42,7
Fluxe 185 LV-HE 5300 Lm 4000K CRI95 1-10V & Push	82R103XXYV02	26.8	Incl. PSU	1200	42,7
Fluxe 185 LV-HE 5300 Lm 4000K CRI95 Dali	82R103XXYX02	26.8	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
Fluxe 185 LV-HE 5000 Lm 3000K CRI95 No dim	51,3	5000	97	95	0.95	<3%	5A 50µS	50 pcs	II	D
Fluxe 185 LV-HE 5000 Lm 3000K CRI95 1-10V & Push	51,3	5000	97	95	0.95	<3%	100mA²s	22 pcs	II	D
Fluxe 185 LV-HE 5000 Lm 3000K CRI95 Dali	51,3	5000	97	95	0.95	<3%	100mA²s	22 pcs	II	D
Fluxe 185 LV-HE 5300 Lm 4000K CRI95 No dim	51,3	5300	103	95	0.95	<3%	5A 50µS	50 pcs	II	D
Fluxe 185 LV-HE 5300 Lm 4000K CRI95 1-10V & Push	51,3	5300	103	95	0.95	<3%	100mA²s	22 pcs	II	D
Fluxe 185 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
Fluxe 185 LV-HE CRI95	1400 gr	233x233x85 mm	20 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.

FLUXE 185 LV-HE

CRI82 3575/3650LM

ITEM SPECIFICATIONS (PART A)

Description	80°		Type	mA	Vf
	Item code	UGR			
Fluxe 185 LV-HE 3575 Lm 3000K CRI82 No dim	82NI03XXYR02	25.2	Incl. PSU	700	37,5
Fluxe 185 LV-HE 3575 Lm 3000K CRI82 1-10V & Push	82NI03XXYH02	25.2	Incl. PSU	700	37,5
Fluxe 185 LV-HE 3575 Lm 3000K CRI82 Dali	82NI03XXYM02	25.2	Incl. PSU	700	37,5
Fluxe 185 LV-HE 3650 Lm 4000K CRI82 No dim	82NI03XXYY02	25.4	Incl. PSU	700	37,5
Fluxe 185 LV-HE 3650 Lm 4000K CRI82 1-10V & Push	82NI03XXYU02	25.4	Incl. PSU	700	37,5
Fluxe 185 LV-HE 3650 Lm 4000K CRI82 Dali	82NI03XXYW02	25.4	Incl. PSU	700	37,5

ITEM SPECIFICATIONS (PART B)

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Fluxe 185 LV-HE 3575 Lm 3000K CRI82 No dim	27,9	3575	128	82	0.98	<5%	7A 13µS	50 pcs	II	E
Fluxe 185 LV-HE 3575 Lm 3000K CRI82 1-10V & Push	27,9	3575	128	82	0.95	<3%	5A 50µS	50 pcs	II	E
Fluxe 185 LV-HE 3575 Lm 3000K CRI82 Dali	27,9	3575	128	82	0.95	<3%	5A 50µS	50 pcs	II	E
Fluxe 185 LV-HE 3650 Lm 4000K CRI82 No dim	27,9	3650	131	82	0.98	<5%	7A 13µS	50 pcs	II	D
Fluxe 185 LV-HE 3650 Lm 4000K CRI82 1-10V & Push	27,9	3650	131	82	0.95	<3%	5A 50µS	50 pcs	II	D
Fluxe 185 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
Fluxe 185 LV-HE CRI82	1400 gr	233x233x85 mm	20 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.

FLUXE 185 LV-HE

CRI82 5550/5800LM

ITEM SPECIFICATIONS (PART A)

Description	80°		Type	mA	Vf
	Item code	UGR			
Fluxe 185 LV-HE 5550 Lm 3000K CRI82 No dim	82NI03XXYT02	26.6	Incl. PSU	1200	37,5
Fluxe 185 LV-HE 5550 Lm 3000K CRI82 1-10V & Push	82NI03XXYK02	26.6	Incl. PSU	1200	37,5
Fluxe 185 LV-HE 5550 Lm 3000K CRI82 Dali	82NI03XXYP02	26.6	Incl. PSU	1200	37,5
Fluxe 185 LV-HE 5800 Lm 4000K CRI82 No dim	82NI03XXYZ02	26.8	Incl. PSU	1200	37,5
Fluxe 185 LV-HE 5800 Lm 4000K CRI82 1-10V & Push	82NI03XXYV02	26.8	Incl. PSU	1200	37,5
Fluxe 185 LV-HE 5800 Lm 4000K CRI82 Dali	82NI03XXYX02	26.8	Incl. PSU	1200	37,5

ITEM SPECIFICATIONS (PART B)

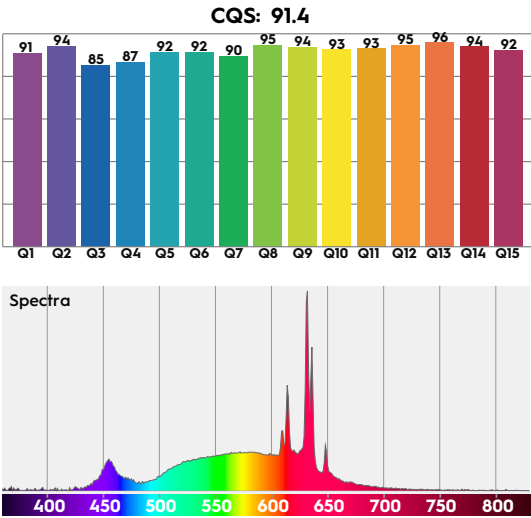
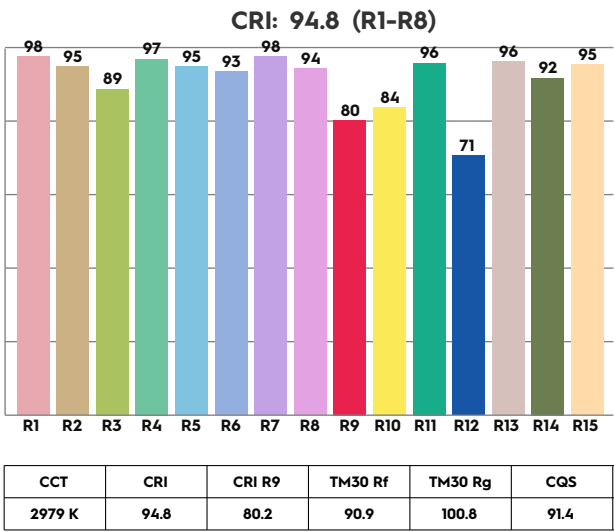
Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Fluxe 185 LV-HE 5550 Lm 3000K CRI82 No dim	51,2	5550	108	82	0.95	<3%	5A 50µS	50 pcs	II	E
Fluxe 185 LV-HE 5550 Lm 3000K CRI82 1-10V & Push	51,2	5550	108	82	0.95	<3%	100mA²s	22 pcs	II	E
Fluxe 185 LV-HE 5550 Lm 3000K CRI82 Dali	51,2	5550	108	82	0.95	<3%	100mA²s	22 pcs	II	E
Fluxe 185 LV-HE 5800 Lm 4000K CRI82 No dim	51,2	5800	113	82	0.95	<3%	5A 50µS	50 pcs	II	D
Fluxe 185 LV-HE 5800 Lm 4000K CRI82 1-10V & Push	51,2	5800	113	82	0.95	<3%	100mA²s	22 pcs	II	D
Fluxe 185 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
Fluxe 185 LV-HE CRI82	1400 gr	233x233x85 mm	20 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

