

FEATURES

- Reliable solution without power supply
- Smooth flicker-free dimming to 0,1%
- Practically no inrush current



Diffuser
LV 80°

COLOURS

Available colours:



Nr	Housing	Inside ring
	RAL 9016	
XX=61	Matt white	Gold
XX=63	Matt white	Silver
XX=62	Matt white	Black
XX=65	Matt white	White



Nr	Housing	Inside ring
	RAL 9005	
XX=71	Matt black	Gold
XX=74	Matt black	Silver
XX=72	Matt black	Black
XX=76	Matt black	White

Vector CL 235 LV(-HE)

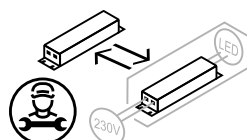
Surface mounted

SPECIFICATIONS

Beam angle (FWHM)	80°
Fixture material	Housing: Die cast aluminium / Reflector glass: Polycarbonate
Environment	Indoor
IP rate	IP20
IK rate	IK03
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. There are no exchangeable parts inside 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.



IP20

VECTOR CL 235 LV(-HE) VARIATIONS

VECTOR CL 235 LV-HE	CRI95	3000/4000K	2400/2500Lm	incl. power supply	page 3
VECTOR CL 235 LV-HE	CRI82	3000/4000K	2525/2600Lm	incl. power supply	page 4

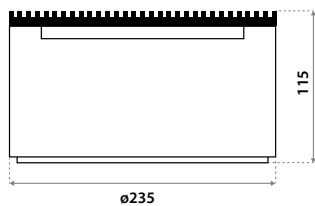
CRI95 CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt		UGR		Driver types				
			3000K	4000K	3000K	4000K	3000K	4000K	No dim	Triac	1-10V&Push	Dali	Casambi
							80°	80°					
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
Standard	500	19,4	2400	2500	124	129	24.1	24.2	145192	127032	125400	142014	142047

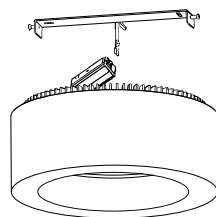
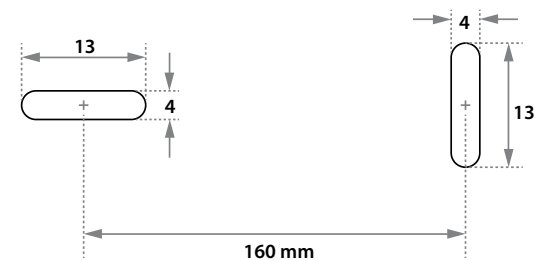
CRI82 CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt		UGR		Driver types				
			3000K	4000K	3000K	4000K	3000K	4000K	No dim	Triac	1-10V&Push	Dali	Casambi
							80°	80°					
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
Standard	500	19.4	2525	2600	130	134	24.2	24.3	145192	127032	125400	142014	142047

DIMENSIONS



FIXATION DIMENSIONS



VECTOR CL 235 LV-HE

CRI95 2400/2500LM

ITEM SPECIFICATIONS (PART A)

Description	80°		Type	mA	Vf
	Item code	UGR			
Vector CL 235 LV-HE 2400Lm 3000K CRI95 No dim	7DR103XXY002	24.1	Incl. PSU	500	37,5
Vector CL 235 LV-HE 2400Lm 3000K CRI95 1-10V & Push	7DR103XXY102	24.1	Incl. PSU	500	37,5
Vector CL 235 LV-HE 2400Lm 3000K CRI95 Dali	7DR103XXY202	24.1	Incl. PSU	500	37,5
Vector CL 235 LV-HE 2500Lm 4000K CRI95 No dim	7DR103XXY302	24.2	Incl. PSU	500	37,5
Vector CL 235 LV-HE 2500Lm 4000K CRI95 1-10V & Push	7DR103XXY402	24.2	Incl. PSU	500	37,5
Vector CL 235 LV-HE 2500Lm 4000K CRI95 Dali	7DR103XXY502	24.2	Incl. PSU	500	37,5

ITEM SPECIFICATIONS (PART B)

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Vector CL 235 LV-HE 2400Lm 3000K CRI95 No dim	19,4	2400	124	95	0.95	<5%	7A 13µsec	50 pcs	II	D
Vector CL 235 LV-HE 2400Lm 3000K CRI95 1-10V & Push	19,4	2400	124	95	0.95	<3%	5A 50µS	50 pcs	II	D
Vector CL 235 LV-HE 2400Lm 3000K CRI95 Dali	19,4	2400	124	95	0.95	<3%	5A 50µS	50 pcs	II	D
Vector CL 235 LV-HE 2500Lm 4000K CRI95 No dim	19,4	2500	129	95	0.95	<5%	7A 13µsec	50 pcs	II	D
Vector CL 235 LV-HE 2500Lm 4000K CRI95 1-10V & Push	19,4	2500	129	95	0.95	<3%	5A 50µS	50 pcs	II	D
Vector CL 235 LV-HE 2500Lm 4000K CRI95 Dali	19,4	2500	129	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
Vector CL 235 LV-HE CRI95	2367 gr	235x235x120 mm	15 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.

VECTOR CL 235 LV-HE

CRI82 2525/2600LM

ITEM SPECIFICATIONS (PART A)

Description	80°		Type	mA	Vf
	Item code	UGR			
Vector CL 235 LV-HE 2525Lm 3000K CRI82 No dim	7DN103XXY002	24.2	Incl. PSU	500	35,3
Vector CL 235 LV-HE 2525Lm 3000K CRI82 1-10V & Push	7DN103XXY102	24.2	Incl. PSU	500	35,3
Vector CL 235 LV-HE 2525Lm 3000K CRI82 Dali	7DN103XXY202	24.2	Incl. PSU	500	35,3
Vector CL 235 LV-HE 2600Lm 4000K CRI82 No dim	7DN103XXY302	24.3	Incl. PSU	500	35,3
Vector CL 235 LV-HE 2600Lm 4000K CRI82 1-10V & Push	7DN103XXY402	24.3	Incl. PSU	500	35,3
Vector CL 235 LV-HE 2600Lm 4000K CRI82 Dali	7DN103XXY502	24.3	Incl. PSU	500	35,3

ITEM SPECIFICATIONS (PART B)

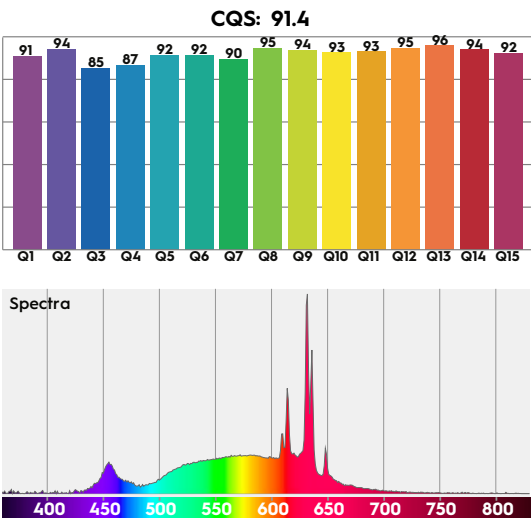
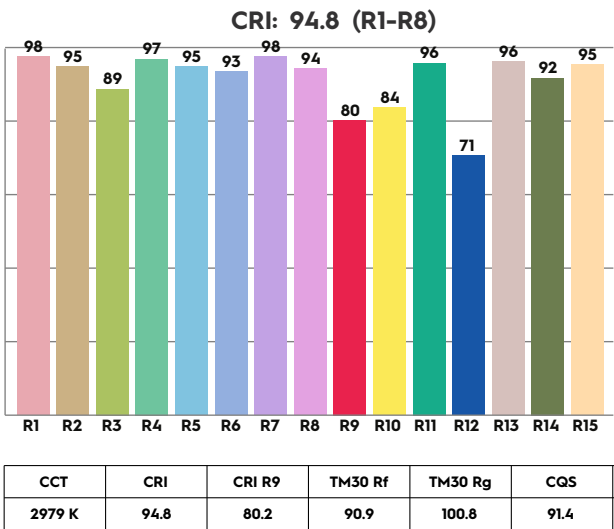
Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Vector CL 235 LV-HE 2525Lm 3000K CRI82 No dim	19,4	2525	130	82	0.95	<5%	7A 13µsec	50 pcs	II	E
Vector CL 235 LV-HE 2525Lm 3000K CRI82 1-10V & Push	19,4	2525	130	82	0.95	<3%	5A 50µS	50 pcs	II	E
Vector CL 235 LV-HE 2525Lm 3000K CRI82 Dali	19,4	2525	130	82	0.95	<3%	5A 50µS	50 pcs	II	E
Vector CL 235 LV-HE 2600Lm 4000K CRI82 No dim	19,4	2600	134	82	0.95	<5%	7A 13µsec	50 pcs	II	D
Vector CL 235 LV-HE 2600Lm 4000K CRI82 1-10V & Push	19,4	2600	134	82	0.95	<3%	5A 50µS	50 pcs	II	D
Vector CL 235 LV-HE 2600Lm 4000K CRI82 Dali	19,4	2600	134	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
Vector CL 235 LV-HE CRI82	2367 gr	235x235x120 mm	15 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

