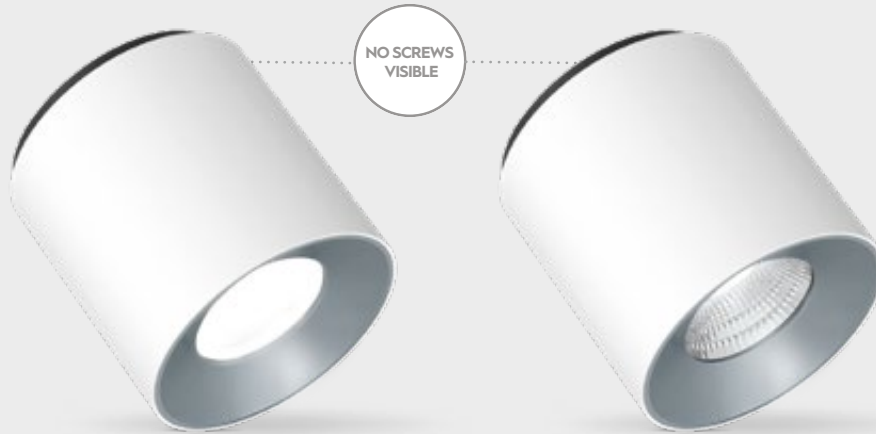


FEATURES

- New CRI 95
- ENEC approved drivers



Diffuser
LV 80° (On request)

Reflector
LV 18° / 37° / 60°

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 145 LV(-HE) (Gen2)

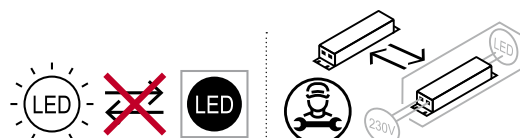
Surface mounted

SPECIFICATIONS

Beam angle (FWHM)	18° / 37° / 60° / 80°
Fixture material	Die cast aluminium / Glass
Environment	Indoor
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 CRI97 - F (2700K/3000K) / E (4000K) & CRI95 - D (2700K/3000K/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 (f.i. car showrooms) the temperatures may exceed 45°C. Please ask our sales office for a special driver.



IP20

CRI95 VARIATIONS

Vector CL 145 LV-HE 2700K CRI95 2600Lm	page 3
Vector CL 145 LV-HE 3000K CRI95 2626Lm	page 4
Vector CL 145 LV-HE 4000K CRI95 2700Lm	page 5

CRI97 VARIATIONS

Vector CL 145 LV 2700K CRI97 1625Lm	page 6
Vector CL 145 LV 3000K CRI97 1800Lm	page 7
Vector CL 145 LV 4000K CRI97 1925Lm	page 8

CRI95 CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output			Lumen / Watt			UGR				Driver types				
			2700K	3000K	4000K	2700K	3000K	4000K	3000K				No dim	Triac	1-10V & Push	Dali	Casambi
									18°	37°	60°	80°					
Special request	125	4,5	700	725	750	155	161	166	8.7	8.7	11.8	18.6	127570	x	x	x	x
Special request	150	5,5	850	875	900	154	159	164	9.4	9.3	12.5	19.3	CC21W150-500	x	x	142014	142047
Special request	200	7,4	1125	1150	1175	152	156	159	10.3	10.3	13.4	20.2	CC21W150-500	x	x	142014	142047
Special request	250	9,3	1350	1375	1425	145	148	153	11	10.9	14.1	20.8	CC21W150-500	x	125400	142014	142047
Special request	300	11,3	1575	1625	1675	140	144	150	11.5	11.5	14.6	21.4	145192	x	125400	142014	142047
Special request	350	13,2	1825	1875	1925	138	142	145	12	12	15.1	21.9	145192	x	125400	142014	142047
Special request	400	15,2	2100	2150	2200	137	141	144	12.5	12.4	15.6	22.4	145192	x	125400	142014	142047
Special request	450	17,3	2350	2400	2450	136	139	142	12.9	12.8	16	22.8	145192	x	125400	142014	142047
Standard	500	19,3	2600	2625	2700	134	136	140	13.2	13.1	16.3	23.1	122198	x	125400	123403 ¹	x

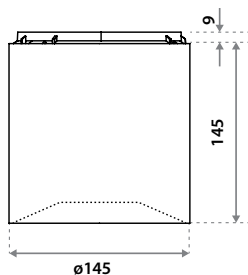
¹ For other current settings check the TCI website or contact our sales department.

CRI97 CHOOSE YOUR LV LUMEN OUTPUT

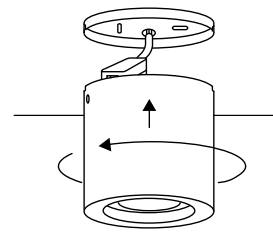
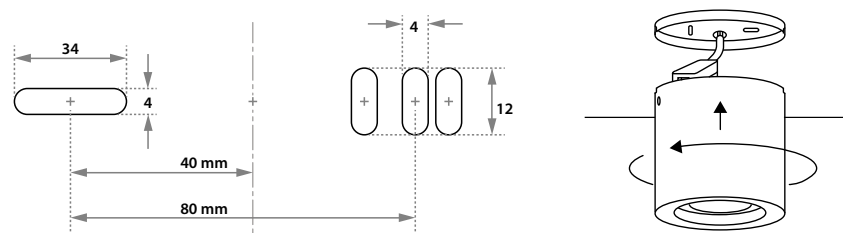
	mA	W	Lumen Output			Lumen / Watt			UGR				Driver types				
			2700K	3000K	4000K	2700K	3000K	4000K	3000K				No dim	Triac	1-10V & Push	Dali	Casambi
									18°	37°	60°	80°					
Special request	125	5,0	475	500	525	95	100	105	7.4	7.4	10.5	17.3	127570	x	x	x	x
Special request	150	6,1	550	575	625	91	95	103	7.9	7.8	11	17.8	CC21W150-500	x	x	142014	142047
Special request	200	8,1	700	750	825	86	93	102	8.9	8.8	11.9	18.7	CC21W150-500	x	x	142014	142047
Special request	250	9,8	850	900	1000	87	92	102	9.5	9.4	12.6	19.4	CC21W150-500	x	125400	142014	142047
Special request	300	12,0	1050	1100	1200	88	92	100	1.2	10.1	13.3	20.1	145192	x	125400	142014	142047
Special request	350	13,8	1150	1250	1350	83	91	98	1.6	10.5	13.7	20.5	145192	x	125400	142014	142047
Special request	400	15,8	1300	1425	1550	82	90	98	11.1	11	14.2	21	145192	x	125400	142014	142047
Special request	450	18,0	1475	1600	1750	82	89	97	11.5	11.4	14.6	21.4	145192	x	125400	142014	142047
Standard	500	20,1	1625	1800	1925	81	89	96	11.9	11.8	15	21.8	122198	x	125400	123403 ¹	x

¹ For other current settings check the TCI website or contact our sales department.

DIMENSIONS



FIXATION DIMENSIONS



VECTOR CL 145 LV-HE

2700K CRI95 2600LM

ITEM SPECIFICATIONS (PART A)

Description	18°		37°		60°		80°		Type	mA	Vf
	Item code	UGR	Item code	UGR	Item code	UGR	Item code	UGR			
Vector CL 145 LV-HE 2600Lm CRI95 2700K No dim	7DR903XXDR02	13.2	7DR903XXDS02	13.1	7DR903XXDT02	16.3	7DR903XXY902	23.1	Incl. PSU	500	35,3
Vector CL 145 LV-HE 2600Lm CRI95 2700K 1-10V & Push	7DR903XXSV02	13.2	7DR903XXSW02	13.1	7DR903XXSX02	16.3	7DR903XXZA02	23.1	Incl. PSU	500	35,3
Vector CL 145 LV-HE 2600Lm CRI95 2700K Dali	7DR903XXSY02	13.2	7DR903XXSZ02	13.1	7DR903XXS002	16.3	7DR903XXZB02	23.1	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 145 LV-HE 2600Lm CRI95 2700K No dim	19.3	2600	114	95	0.93	<3%	5A 50µS	50 pcs	II	D
Vector CL 145 LV-HE 2600Lm CRI95 2700K 1-10V & Push	19.3	2600	114	95	0.95	<3%	5A 50µS	50 pcs	II	D
Vector CL 145 LV-HE 2600Lm CRI95 2700K Dali	19.3	2600	114	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 145 LV-HE 2600Lm CRI95 2700K	1200 gr	185x185x160 mm	12 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 145 LV-HE

3000K CRI95 2625LM

ITEM SPECIFICATIONS (PART A)

Description	18°		37°		60°		80°		Type	mA	Vf
	Item code	UGR	Item code	UGR	Item code	UGR	Item code	UGR			
Vector CL 145 LV-HE 2625Lm CRI95 3000K No dim	7DR903XXCA02	13.2	7DR903XXCB02	13.1	7DR903XXCC02	16.3	7DR903XXYR02	23.1	Incl. PSU	500	35,3
Vector CL 145 LV-HE 2625Lm CRI95 3000K 1-10V & Push	7DR903XXNA02	13.2	7DR903XXNB02	13.1	7DR903XXNC02	16.3	7DR903XXYH02	23.1	Incl. PSU	500	35,3
Vector CL 145 LV-HE 2625Lm CRI95 3000K Dali	7DR903XXPA02	13.2	7DR903XXPB02	13.1	7DR903XXPC02	16.3	7DR903XXYM02	23.1	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 145 LV-HE 2625Lm CRI95 3000K No dim	19.3	2625	118	95	0.93	<3%	5A 50μS	50 pcs	II	D
Vector CL 145 LV-HE 2625Lm CRI95 3000K 1-10V & Push	19.3	2625	118	95	0.95	<3%	5A 50μS	50 pcs	II	D
Vector CL 145 LV-HE 2625Lm CRI95 3000K Dali	19.3	2625	118	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 145 LV-HE 2625Lm CRI95 3000K	1200 gr	185x185x160 mm	12 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 145 LV-HE

4000K CRI95 2700LM

ITEM SPECIFICATIONS (PART A)

Description	18°		37°		60°		80°		Type	mA	Vf
	Item code	UGR	Item code	UGR	Item code	UGR	Item code	UGR			
Vector CL 145 LV-HE 2700Lm CRI95 4000K No dim	7DR903XXCD02	13.3	7DR903XXCE02	13.2	7DR903XXCF02	16.4	7DR903XXYY02	23.2	Incl. PSU	500	35,3
Vector CL 145 LV-HE 2700Lm CRI95 4000K 1-10V & Push	7DR903XXND02	13.3	7DR903XXNE02	13.2	7DR903XXNF02	16.4	7DR903XXYU02	23.2	Incl. PSU	500	35,3
Vector CL 145 LV-HE 2700Lm CRI95 4000K Dali	7DR903XXPD02	13.3	7DR903XXPE02	13.2	7DR903XXPF02	16.4	7DR903XXYW02	23.2	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 145 LV-HE 2700Lm CRI95 4000K No dim	19.3	2700	120	95	0.93	<3%	5A 50μS	50 pcs	II	D
Vector CL 145 LV-HE 2700Lm CRI95 4000K 1-10V & Push	19.3	2700	120	95	0.95	<3%	5A 50μS	50 pcs	II	D
Vector CL 145 LV-HE 2700Lm CRI95 4000K Dali	19.3	2700	120	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 145 LV-HE 2700Lm CRI95 4000K	1200 gr	185x185x160 mm	12 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 145 LV

2700K CRI97 1625LM

ITEM SPECIFICATIONS (PART A)

Description	18°		37°		60°		80°		Type	mA	Vf
	Item code	UGR	Item code	UGR	Item code	UGR	Item code	UGR			
Vector CL 145 LV 1625Lm CRI97 2700K No dim	7D1B03XXA102	11.5	7D1B03XXA402	11.5	7D1B03XXA702	14.6	7D1B03XX0H02	21.4	Incl. PSU	500	35,3
Vector CL 145 LV 1625Lm CRI97 2700K 1-10V & Push	7D1B03XXD102	11.5	7D1B03XXD402	11.5	7D1B03XXD702	14.6	7D1B03XX0L02	21.4	Incl. PSU	500	35,3
Vector CL 145 LV 1625Lm CRI97 2700K Dali	7D1B03XXI102	11.5	7D1B03XXI1P02	11.5	7D1B03XXI1S02	14.6	7D1B03XX0P02	21.4	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 145 LV 1625Lm CRI97 2700K No dim	20,1	1625	81	97	0.93	<3%	5A 50µS	50 pcs	II	F
Vector CL 145 LV 1625Lm CRI97 2700K 1-10V & Push	20,1	1625	81	97	0.95	<3%	5A 50µS	50 pcs	II	F
Vector CL 145 LV 1625Lm CRI97 2700K Dali	20,1	1625	81	97	0.95	<3%	5A 50µS	50 pcs	II	F

ITEM SPECIFICATIONS (PART C)

Description	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime B10 reported (25°C)		
				L70B10	L80B10	L90B10
Vector CL 145 LV 1625Lm CRI97 2700K	1200 gr	185x185x160 mm	12 pcs	>60.500 hrs	>60.500 hrs	>60.500 hrs

All values are measured at 230V (+/- 7%). *Triac and casambi versions on request

VECTOR CL 145 LV

3000K CRI97 1800LM

ITEM SPECIFICATIONS (PART A)

Description	18°		37°		60°		80°		Type	mA	Vf
	Item code	UGR	Item code	UGR	Item code	UGR	Item code	UGR			
Vector CL 145 LV 1800Lm CRI97 3000K No dim	7D1B03XXA202	11.9	7D1B03XXA502	11.8	7D1B03XXA802	15.8	7D1B03XX0J02	21.7	Incl. PSU	500	35,3
Vector CL 145 LV 1800Lm CRI97 3000K 1-10V & Push	7D1B03XXD202	11.9	7D1B03XXD502	11.8	7D1B03XXD802	15.8	7D1B03XX0M02	21.7	Incl. PSU	500	35,3
Vector CL 145 LV 1800Lm CRI97 3000K Dali	7D1B03XXIM02	11.9	7D1B03XXIQ02	11.8	7D1B03XXIT02	15.8	7D1B03XXOQ02	21.7	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 145 LV 1800Lm CRI97 3000K No dim	20,1	1800	89	97	0.93	<3%	5A 50µS	50 pcs	II	F
Vector CL 145 LV 1800Lm CRI97 3000K 1-10V & Push	20,1	1800	89	97	0.95	<3%	5A 50µS	50 pcs	II	F
Vector CL 145 LV 1800Lm CRI97 3000K Dali	20,1	1800	89	97	0.95	<3%	5A 50µS	50 pcs	II	F

ITEM SPECIFICATIONS (PART C)

Description	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime B10 reported (25°C)		
				L70B10	L80B10	L90B10
Vector CL 145 LV 1800Lm CRI97 3000K	1200 gr	185x185x160 mm	12 pcs	>60.500 hrs	>60.500 hrs	>60.500 hrs

All values are measured at 230V (+/- 7%). *Triac and casambi versions on request

VECTOR CL 145 LV

4000K CRI97 1925LM

ITEM SPECIFICATIONS (PART A)

Description	18°		37°		60°		80°		Type	mA	Vf
	Item code	UGR	Item code	UGR	Item code	UGR	Item code	UGR			
Vector CL 145 LV 1925Lm CRI97 4000K No dim	7D1B03XXA302	12.1	7D1B03XXA602	12.0	7D1B03XXA902	15.2	7D1B03XX0K02	22.0	Incl. PSU	500	35,3
Vector CL 145 LV 1925Lm CRI97 4000K 1-10V & Push	7D1B03XXD302	12.1	7D1B03XXD602	12.0	7D1B03XXD902	15.2	7D1B03XX0N02	22.0	Incl. PSU	500	35,3
Vector CL 145 LV 1925Lm CRI97 4000K Dali	7D1B03XXIN02	12.1	7D1B03XXIR02	12.0	7D1B03XXIU02	15.2	7D1B03XXOR02	22.0	Incl. PSU	500	35,3

ITEM SPECIFICATIONS (PART B)

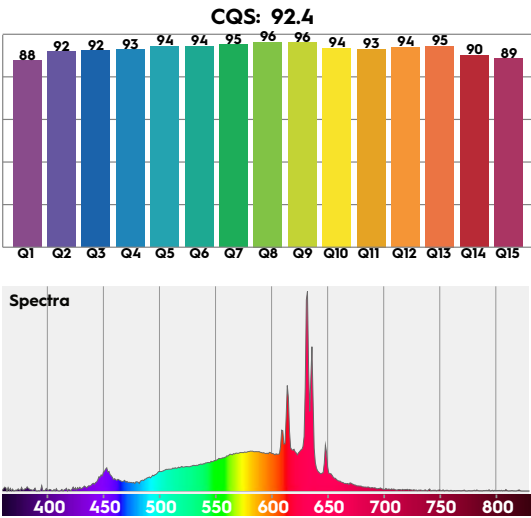
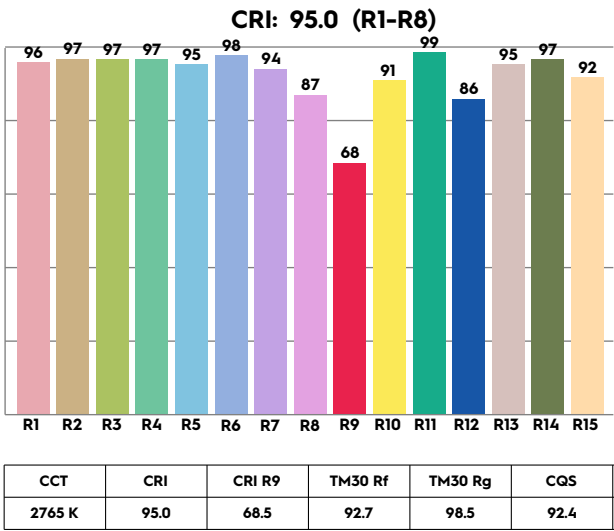
Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Vector CL 145 LV 1925Lm CRI97 4000K No dim	20,1	1925	96	97	0.93	<3%	5A 50µS	50 pcs	II	E
Vector CL 145 LV 1925Lm CRI97 4000K 1-10V & Push	20,1	1925	96	97	0.95	<3%	5A 50µS	50 pcs	II	E
Vector CL 145 LV 1925Lm CRI97 4000K Dali	20,1	1925	96	97	0.95	<3%	5A 50µS	50 pcs	II	E

ITEM SPECIFICATIONS (PART C)

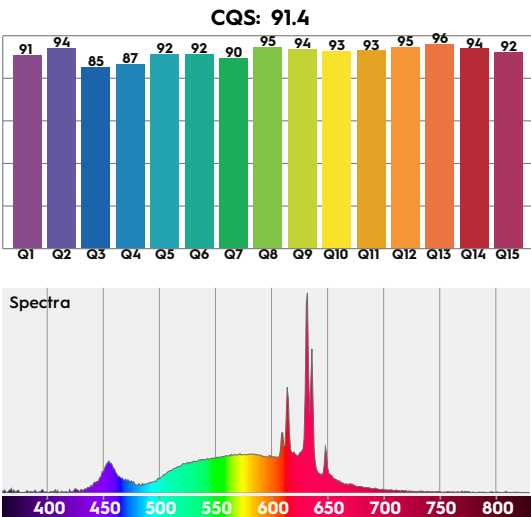
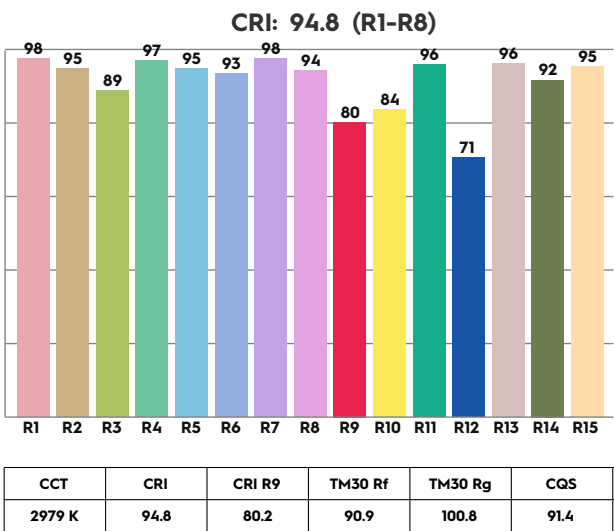
Description	Weight	Dimensions single carton	Quantity per carton	Expected Lifetime B10 reported (25°C)		
				L70B10	L80B10	L90B10
Vector CL 145 LV 1925Lm CRI97 4000K	1200 gr	185x185x160 mm	12 pcs	>60.500 hrs	>60.500 hrs	>60.500 hrs

All values are measured at 230V (+/- 7%). *Triac and casambi versions on request

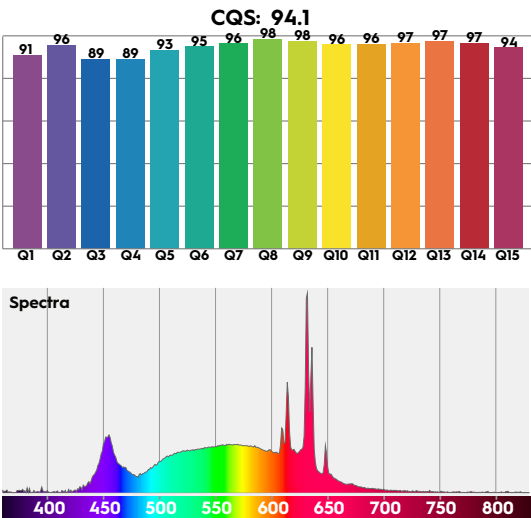
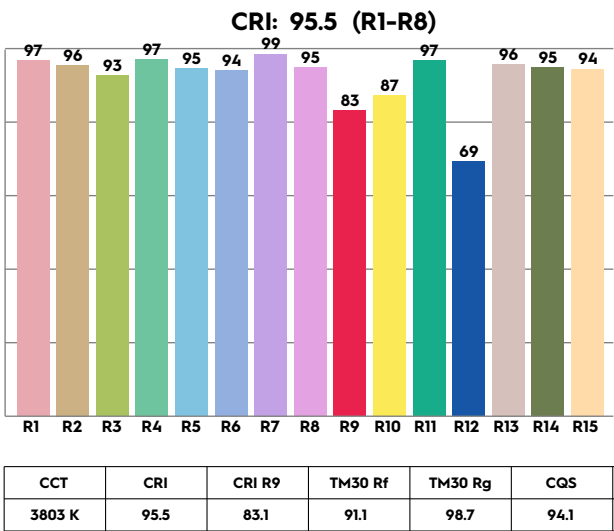
2700K



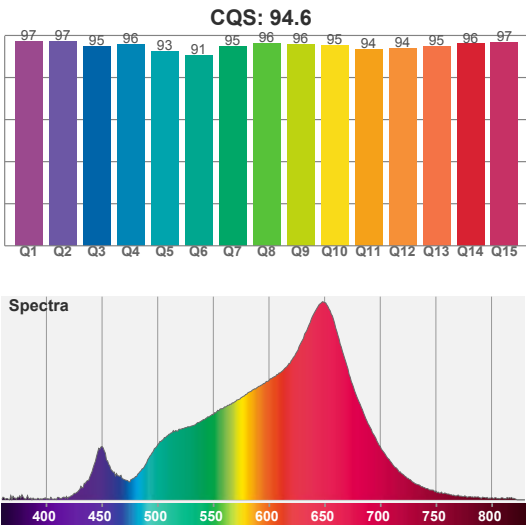
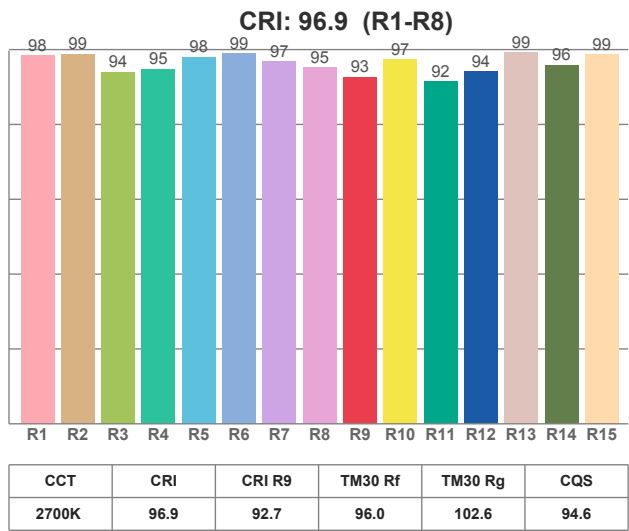
3000K



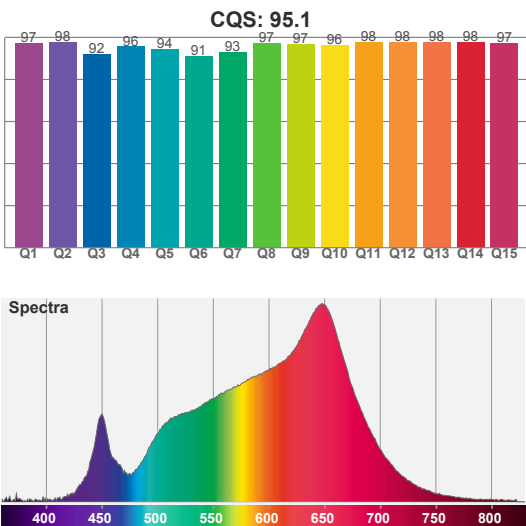
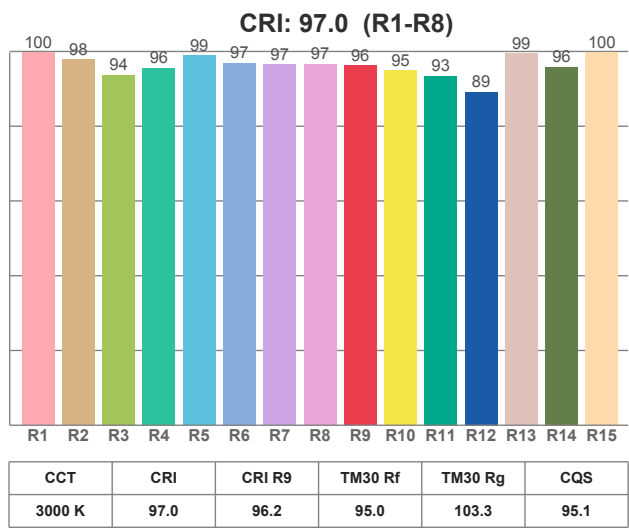
4000K



2700K



3000K



4000K

