

FEATURES

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



LV 18° / 37° / 60°



SPRINGS

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



LV 80° (on request)

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	

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	

RAL 9005

XX=71 Matt black / Gold

XX=74 Matt black / Silver

XX=72 Matt black / Black

XX=76 Matt black / White

Strada 100 LV(-HE)

Fixed

SPECIFICATIONS

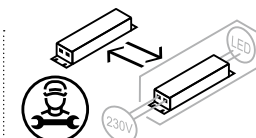
Beam angle (FWHM)	18° / 37° / 60° (80° on request)
Fixture material	Die cast aluminium / Glass
Environment	Indoor
IP rate	IP20 / IP44
IK rate	IK09
Operating temperature (Ta)	-20°C / +45°C ¹
Safety marks	EN60598 / EN62031 / EN62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	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 contains a light source of energy efficiency class: CRI97 - F (3000K) & 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.



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



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

STRADA 100 VARIATIONS

Strada 100	CRI82	3000/4000K	3575/3650Lm	incl. power supply	page 3
Strada 100	CRI82	3000/4000K	5550/5800Lm	incl. power supply	page 4
Strada 100	CRI97	3000K	2500Lm	incl. power supply	page 5
Strada 100	CRI97	3000K	3250/3750Lm	incl. power supply	page 6

CRI82 CHOOSE YOUR LV LUMEN OUTPUT

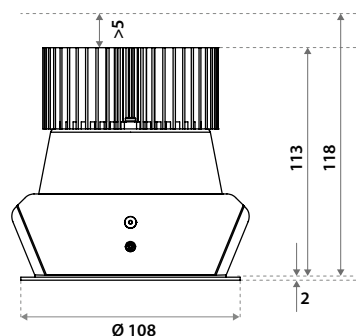
	mA	W	Lumen Output		Lumen / Watt		UGR			Driver types				
			3000K	4000K	3000K	4000K	3000K			No dim	Triac	1-10V&Push	Dali	Casambi
							18°	37°	60°					
Special request	250	9.2	1350	1400	147	152				CC21W150-500	x	126421	127576	x
Special request	350	13.1	1850	1900	141	145				CC21W150-500	x	127021	127576	127630
Special request	500	19.4	2525	2600	130	134				CC21W150-500	127032	127021	127576	127630
Standard	700	27.9	3575	3650	128	131	19.4	18.9	21.9	CC30W350-700	122260	127021	127576	127630
Special request	800	32.4	3825	4050	118	125				127484	on request	127021	127490	127630
Special request	900	36.8	4300	4500	117	122				127484	on request	127021	127490	127630
Special request	1050	43.7	4900	5100	112	117				127484	on request	127021	127490	127630
Standard	1200	51.2	5550	5800	108	113	20.9	20.4	23.4	127690	on request	123170	123170	On request

CRI97 CHOOSE YOUR LV LUMEN OUTPUT

	mA	W	Lumen Output		Lumen / Watt		UGR			Driver types				
			3000K	3000K	3000K	3000K	3000K			No dim	Triac	1-10V&Push	Dali	Casambi
							18°	37°	60°					
Special request	250	9.4	800		85					CC21W150-500	x	126421	127576	x
Special request	350	13.2	1100		83					CC21W150-500	x	127021	127576	127630
Special request	500	17.9	1450		81					CC21W150-500	127032	127021	127576	127630
Special request	700	27.0	2150		80					CC30W350-700	122260	127021	127576	127630
Standard	800	32.1	2500		78		18.1	17.6	20.6	127484	on request	127021	127490	127630
Special request	900	35.5	2700		76					127484	on request	127021	127490	127630
Special request	1050	41.7	3000		72					127484	on request	127021	127490	127630
Standard	1200	50.5	3250 ¹		64		19.0	18.5	21.6	127690	on request	123170	123170	On request
Special request	1400	57.2	3750 ²		66		19.5	19.0	22.1	x	on request	123170	123170	On request

¹ For large downlights CRI97 No dim. ² For large downlights CR97 1-10V and Dali.

DIMENSIONS



HOLE SIZE



Using CS springs: Ø 100 mm. Thickness ceiling 5-118 mm & recess depth 118 mm. For plasterboard ceilings or similar harder materials thicker than 9 mm.



Using WS springs: Ø 100 mm. Thickness 1-55 mm & recess depth 118 mm. For soft ceiling tiles. We recommend using a ceiling ring on the reverse side of the tile.

STRADA 100 LV-HE

CRI82 3575/3650LM

ITEM SPECIFICATIONS (PART A)

Description	Item code		UGR	Type	mA	Vf
	CS	WS				
Strada 100 LV-HE 3575 Lm 3000K CRI82 18° No dim	85N003XXCA02	85N003XXEA02	19.4	Incl. PSU	700	35,3
Strada 100 LV-HE 3575 Lm 3000K CRI82 18° 1-10V & Push	85N003XXNA02	85N003XXQA02	19.4	Incl. PSU	700	35,3
Strada 100 LV-HE 3575 Lm 3000K CRI82 18° Dali	85N003XXPA02	85N003XXRA02	19.4	Incl. PSU	700	35,3
Strada 100 LV-HE 3575 Lm 3000K CRI82 37° No dim	85N003XXCB02	85N003XXEB02	18.9	Incl. PSU	700	35,3
Strada 100 LV-HE 3575 Lm 3000K CRI82 37° 1-10V & Push	85N003XXNB02	85N003XXQB02	18.9	Incl. PSU	700	35,3
Strada 100 LV-HE 3575 Lm 3000K CRI82 37° Dali	85N003XXPB02	85N003XXRB02	18.9	Incl. PSU	700	35,3
Strada 100 LV-HE 3575 Lm 3000K CRI82 60° No dim	85N003XXCC02	85N003XXEC02	21.9	Incl. PSU	700	35,3
Strada 100 LV-HE 3575 Lm 3000K CRI82 60° 1-10V & Push	85N003XXNC02	85N003XXQC02	21.9	Incl. PSU	700	35,3
Strada 100 LV-HE 3575 Lm 3000K CRI82 60° Dali	85N003XXPC02	85N003XXRC02	21.9	Incl. PSU	700	35,3
Strada 100 LV-HE 3650 Lm 4000K CRI82 18° No dim	85N003XXCD02	85N003XXED02	19.4	Incl. PSU	700	35,3
Strada 100 LV-HE 3650 Lm 4000K CRI82 18° 1-10V & Push	85N003XXND02	85N003XXQD02	19.4	Incl. PSU	700	35,3
Strada 100 LV-HE 3650 Lm 4000K CRI82 18° Dali	85N003XXPD02	85N003XXRD02	19.4	Incl. PSU	700	35,3
Strada 100 LV-HE 3650 Lm 4000K CRI82 37° No dim	85N003XXCE02	85N003XXEE02	18.9	Incl. PSU	700	35,3
Strada 100 LV-HE 3650 Lm 4000K CRI82 37° 1-10V & Push	85N003XXNE02	85N003XXQE02	18.9	Incl. PSU	700	35,3
Strada 100 LV-HE 3650 Lm 4000K CRI82 37° Dali	85N003XXPE02	85N003XXRE02	18.9	Incl. PSU	700	35,3
Strada 100 LV-HE 3650 Lm 4000K CRI82 60° No dim	85N003XXCF02	85N003XXEF02	22.0	Incl. PSU	700	35,3
Strada 100 LV-HE 3650 Lm 4000K CRI82 60° 1-10V & Push	85N003XXNF02	85N003XXQF02	22.0	Incl. PSU	700	35,3
Strada 100 LV-HE 3650 Lm 4000K CRI82 60° Dali	85N003XXPF02	85N003XXRF02	22.0	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
Strada 100 LV-HE 3575 Lm 3000K CRI82 No dim	27,9	3575	128	82	0.95	<3%	5A 50µS	50 pcs	II	E
Strada 100 LV-HE 3575 Lm 3000K CRI82 1-10V & Push	27,9	3575	128	82	0.95	<3%	5A 50µS	50 pcs	II	E
Strada 100 LV-HE 3575 Lm 3000K CRI82 Dali	27,9	3575	128	82	0.95	<3%	5A 50µS	50 pcs	II	E
Strada 100 LV-HE 3650 Lm 4000K CRI82 No dim	27,9	3650	131	82	0.95	<3%	5A 50µS	50 pcs	II	D
Strada 100 LV-HE 3650 Lm 4000K CRI82 1-10V & Push	27,9	3650	131	82	0.95	<3%	5A 50µS	50 pcs	II	D
Strada 100 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 lifespan B10 reported (25°C)		
				L70B10	L80B10	L90B10
Strada 100 LV-HE CRI82	850 gr	190x150x120 mm	32 pcs	>60.500 hrs	>60.500 hrs	>60.500 hrs

All values are measured at 230V (+/- 7%)

STRADA 100 LV-HE

CRI82 5550/5800LM

ITEM SPECIFICATIONS (PART A)

Description	Item code		UGR	Type	mA	Vf
	CS	WS				
Strada 100 LV-HE 5550 Lm 3000K CRI82 18° No dim	85N003XXCR02	85N003XXER02	20.9	Incl. PSU	1200	37,5
Strada 100 LV-HE 5550 Lm 3000K CRI82 18° 1-10V & Push	85N003XXNK02	85N003XXQK02	20.9	Incl. PSU	1200	37,5
Strada 100 LV-HE 5550 Lm 3000K CRI82 18° Dali	85N003XXPK02	85N003XXRK02	20.9	Incl. PSU	1200	37,5
Strada 100 LV-HE 5550 Lm 3000K CRI82 37° No dim	85N003XXCS02	85N003XXES02	20.4	Incl. PSU	1200	37,5
Strada 100 LV-HE 5550 Lm 3000K CRI82 37° 1-10V & Push	85N003XXNL02	85N003XXQL02	20.4	Incl. PSU	1200	37,5
Strada 100 LV-HE 5550 Lm 3000K CRI82 37° Dali	85N003XXPL02	85N003XXRL02	20.4	Incl. PSU	1200	37,5
Strada 100 LV-HE 5550 Lm 3000K CRI82 60° No dim	85N003XXCT02	85N003XXET02	23.4	Incl. PSU	1200	37,5
Strada 100 LV-HE 5550 Lm 3000K CRI82 60° 1-10V & Push	85N003XXNM02	85N003XXQM02	23.4	Incl. PSU	1200	37,5
Strada 100 LV-HE 5550 Lm 3000K CRI82 60° Dali	85N003XXPM02	85N003XXRM02	23.4	Incl. PSU	1200	37,5
Strada 100 LV-HE 5800 Lm 4000K CRI82 18° No dim	85N003XXCU02	85N003XXEU02	21.1	Incl. PSU	1200	37,5
Strada 100 LV-HE 5800 Lm 4000K CRI82 18° 1-10V & Push	85N003XXNO02	85N003XXQO02	21.1	Incl. PSU	1200	37,5
Strada 100 LV-HE 5800 Lm 4000K CRI82 18° Dali	85N003XXPO02	85N003XXRO02	21.1	Incl. PSU	1200	37,5
Strada 100 LV-HE 5800 Lm 4000K CRI82 37° No dim	85N003XXCV02	85N003XXEV02	20.4	Incl. PSU	1200	37,5
Strada 100 LV-HE 5800 Lm 4000K CRI82 37° 1-10V & Push	85N003XXNP02	85N003XXQP02	20.4	Incl. PSU	1200	37,5
Strada 100 LV-HE 5800 Lm 4000K CRI82 37° Dali	85N003XXPP02	85N003XXRP02	20.4	Incl. PSU	1200	37,5
Strada 100 LV-HE 5800 Lm 4000K CRI82 60° No dim	85N003XXCW02	85N003XXEW02	23.6	Incl. PSU	1200	37,5
Strada 100 LV-HE 5800 Lm 4000K CRI82 60° 1-10V & Push	85N003XXNQ02	85N003XXQQ02	23.6	Incl. PSU	1200	37,5
Strada 100 LV-HE 5800 Lm 4000K CRI82 60° Dali	85N003XXPQ02	85N003XXRQ02	23.6	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
Strada 100 LV-HE 5550 Lm 3000K CRI82 No dim	51,2	5550	108	82	0.95	<3%	10A 200µs	30 pcs	II	E
Strada 100 LV-HE 5550 Lm 3000K CRI82 1-10V & Push	51,2	5550	108	82	0.95	<3%	10A 200µs	30 pcs	I	E
Strada 100 LV-HE 5550 Lm 3000K CRI82 Dali	51,2	5550	108	82	0.95	<3%	10A 200µs	30 pcs	I	E
Strada 100 LV-HE 5800 Lm 4000K CRI82 No dim	51,2	5800	113	82	0.95	<3%	10A 200µs	30 pcs	II	D
Strada 100 LV-HE 5800 Lm 4000K CRI82 1-10V & Push	51,2	5800	113	82	0.95	<3%	10A 200µs	30 pcs	I	D
Strada 100 LV-HE 5800 Lm 4000K CRI82 Dali	51,2	5800	113	82	0.95	<3%	10A 200µs	30 pcs	I	D

ITEM SPECIFICATIONS (PART C)

Description	Weight	Dimensions single carton	Quantity per carton	Expected lifespan B10 reported (25°C)		
				L70B10	L80B10	L90B10
Strada 100 LV-HE CRI82	850 gr	190x150x120 mm	32 pcs	>60.500 hrs	>60.500 hrs	>60.500 hrs

All values are measured at 230V (+/- 7%)

STRADA 100 LV

CRI97 2500LM

ITEM SPECIFICATIONS (PART A)

Description	Item code		UGR	Type	mA	Vf
	CS	WS				
Strada 100 LV 2500 Lm 3000K CRI97 18° No dim	852003XXCG02	852003XXEG02	18.1	Incl. PSU	800	35,3
Strada 100 LV 2500 Lm 3000K CRI97 18° 1-10V & Push	852003XXNG02	852003XXQG02	18.1	Incl. PSU	800	35,3
Strada 100 LV 2500 Lm 3000K CRI97 18° Dali	852003XXPG02	852003XXRG02	18.1	Incl. PSU	800	35,3
Strada 100 LV 2500 Lm 3000K CRI97 37° No dim	852003XXCH02	852003XXEH02	17.6	Incl. PSU	800	35,3
Strada 100 LV 2500 Lm 3000K CRI97 37° 1-10V & Push	852003XXNH02	852003XXQH02	17.6	Incl. PSU	800	35,3
Strada 100 LV 2500 Lm 3000K CRI97 37° Dali	852003XXPH02	852003XXRH02	17.6	Incl. PSU	800	35,3
Strada 100 LV 2500 Lm 3000K CRI97 60° No dim	852003XXCJ02	852003XXEJ02	20.6	Incl. PSU	800	35,3
Strada 100 LV 2500 Lm 3000K CRI97 60° 1-10V & Push	852003XXNJ02	852003XXQJ02	20.6	Incl. PSU	800	35,3
Strada 100 LV 2500 Lm 3000K CRI97 60° Dali	852003XXPJ02	852003XXRJ02	20.6	Incl. PSU	800	35,3

ITEM SPECIFICATIONS (PART B)

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Strada 100 LV 2500 Lm 3000K CRI97 No dim	32,1	2500	78	97	0.95	<3%	5A 50µS	50 pcs	I	F
Strada 100 LV 2500 Lm 3000K CRI97 1-10V & Push	32,1	2500	78	97	0.95	<3%	5A 50µS	50 pcs	II	F
Strada 100 LV 2500 Lm 3000K CRI97 Dali	32,1	2500	78	97	0.95	<3%	5A 50µS	50 pcs	II	F

ITEM SPECIFICATIONS (PART C)

Description	Weight	Dimensions single carton	Quantity per carton	Expected lifespan B10 reported (25°C)		
				L70B10	L80B10	L90B10
Strada 100 LV 2500 Lm 3000K CRI97	850 gr	190x150x120 mm	32 pcs	>60.500 hrs	>60.500 hrs	>60.500 hrs

All values are measured at 230V (+/- 7%)

STRADA 100 LV

CRI97 3750LM

ITEM SPECIFICATIONS (PART A)

Description	Item code		UGR	Type	mA	Vf
	CS	WS				
Strada 100 LV 3250 Lm 3000K CRI97 18° No dim	852003XXFD02	852003XXFG02	19.0	Incl. PSU	1200	37,5
Strada 100 LV 3750 Lm 3000K CRI97 18° 1-10V & Push	852003XXNR02	852003XXQR02	19.5	Incl. PSU	1400	37,5
Strada 100 LV 3750 Lm 3000K CRI97 18° Dali	852003XXPR02	852003XXRR02	19.5	Incl. PSU	1400	37,5
Strada 100 LV 3250 Lm 3000K CRI97 37° No dim	852003XXFE02	852003XXFH02	18.5	Incl. PSU	1200	37,5
Strada 100 LV 3750 Lm 3000K CRI97 37° 1-10V & Push	852003XXNS02	852003XXQS02	19.0	Incl. PSU	1400	37,5
Strada 100 LV 3750 Lm 3000K CRI97 37° Dali	852003XXPS02	852003XXRS02	19.0	Incl. PSU	1400	37,5
Strada 100 LV 3250 Lm 3000K CRI97 60° No dim	852003XXFF02	852003XXFJ02	21.6	Incl. PSU	1200	37,5
Strada 100 LV 3750 Lm 3000K CRI97 60° 1-10V & Push	852003XXNT02	852003XXQT02	22.1	Incl. PSU	1400	37,5
Strada 100 LV 3750 Lm 3000K CRI97 60° Dali	852003XXPT02	852003XXRT02	22.1	Incl. PSU	1400	37,5

ITEM SPECIFICATIONS (PART B)

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Strada 100 LV 3250 Lm 3000K CRI97 No dim	50,5	3250	64	97	0.95	<3%	10A 200µS	30 pcs	II	F
Strada 100 LV 3750 Lm 3000K CRI97 1-10V & Push	57,2	3750	66	97	0.95	<3%	10A 200µS	30 pcs	I	F
Strada 100 LV 3750 Lm 3000K CRI97 Dali	57,2	3750	66	97	0.95	<3%	10A 200µS	30 pcs	I	F

ITEM SPECIFICATIONS (PART C)

Description	Weight	Dimensions single carton	Quantity per carton	Expected lifespan B10 reported (25°C)		
				L70B10	L80B10	L90B10
Strada 100 LV 3250/3750 Lm 3000K CRI97	850 gr	190x150x120 mm	32 pcs	>60.500 hrs	>60.500 hrs	>60.500 hrs

All values are measured at 230V (+/- 7%)

NEW STANDARDS REQUIRE NEW LEDS

TM-30 (new color norm): The Illuminating Engineering Society (IES) has published a new Technical Memorandum – TM-30-15 entitled “IES Method for Evaluating Light Source Color Rendition” – that promises to supplant CRI as a color metric. TM-30 relies on separate fidelity and gamut metrics, as well as a set of color samples that is more representative of real-world objects, as opposed to the pastel samples that were primarily used for the baseline CRI metric that was sometimes called Ra. The new color metric is intended to fairly and accurately characterize both LED-based solid-state lighting (SSL) and legacy sources.



Desaturated

CRI = 82 / R_g = 94



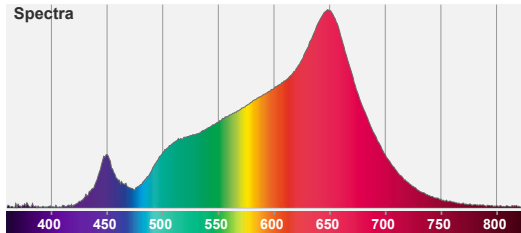
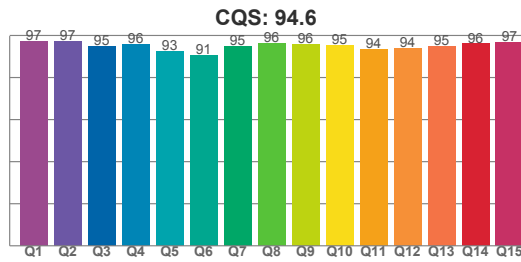
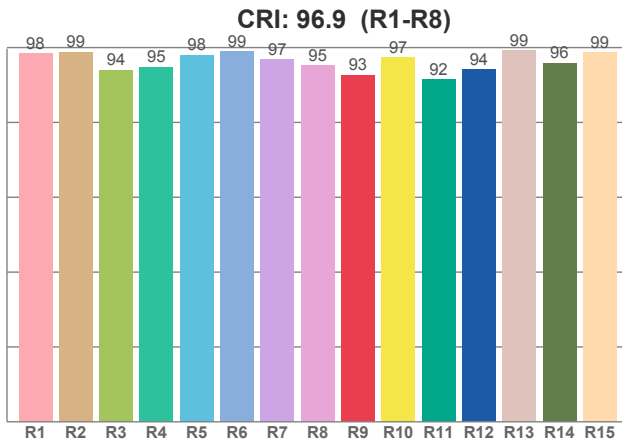
Red-Enhanced

CRI = 97 / R_g = 103

HIGH CRI LED OPTIONS

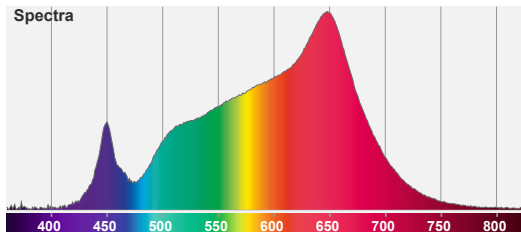
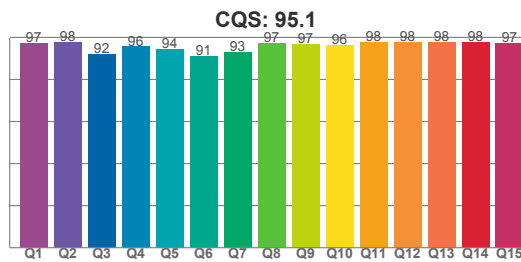
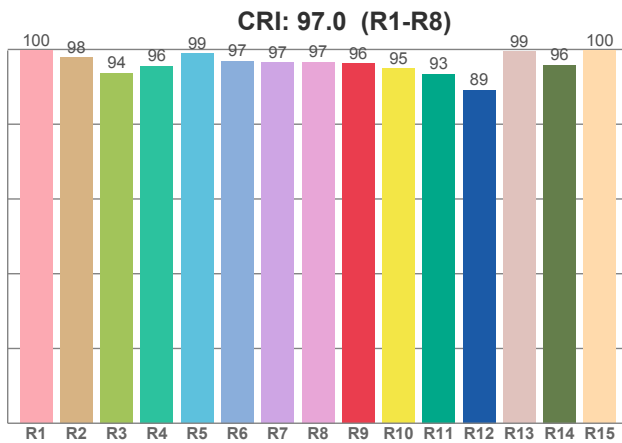
	CCT	CRI	R9	RF	RG	DOWNLIGHTS SMALL			DOWNLIGHTS LARGE		DOWNLIGHTS LARGE		BRAND	ITEM CODE
						MA	LM	LM/W	MA	LM	MA	LM		
CRI82	2700K	82	5	83	94	350	1650	128	700	3400	1200	5300	Bridgelux ksf	51-4087-27
CRI82	3000K	82	7	86	95	350	1725	134	700	3575	1200	5550	Bridgelux ksf	51-4087-30
CRI82	4000K	82	18	84	96	350	1750	136	700	3650	1200	5800	Bridgelux ksf	51-4087-40
CRI90	2700K	92	67	88	104	350	1550	118	700	3150	1200	4700	Bridgelux ksf	51-4088-27
CRI90	3000K	92	67	92	99	350	1600	122	700	3250	1200	4850	Bridgelux ksf	51-4088-30
CRI90	4000K	92	78	92	100	350	1625	124	700	3300	1200	4925	Bridgelux ksf	51-4088-40
CRI97	2700K	97	93	96	103	350	1150	83	800	2300	1400	3425	Lumileds	50-3031-27
CRI97	3000K	97	96	95	103	350	1250	91	800	2500	1400	3750	Lumileds	50-3031-30
CRI97	4000K	97	96	95	103	350	1350	98	800	2700	1400	4050	Lumileds	50-3031-40

2700K



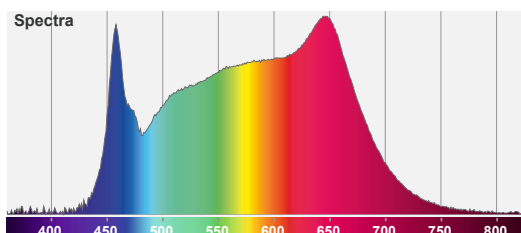
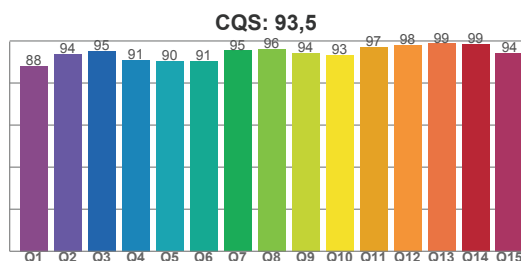
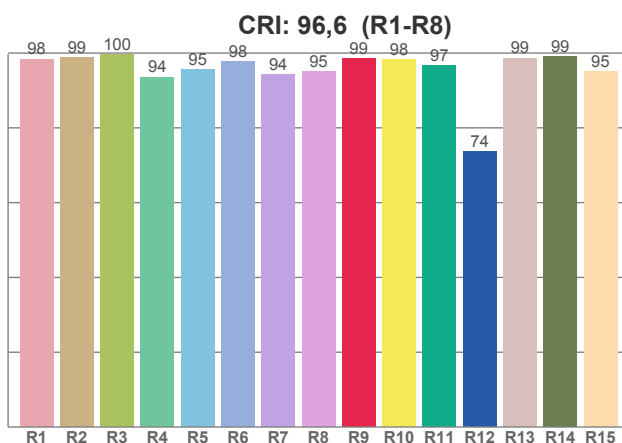
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS
2700K	96.9	92.7	96.0	102.6	94.6

3000K



CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS
3000 K	97.0	96.2	95.0	103.3	95.1

4000K



CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS
4000K	96.6	98.5	88.3	96.2	93.5