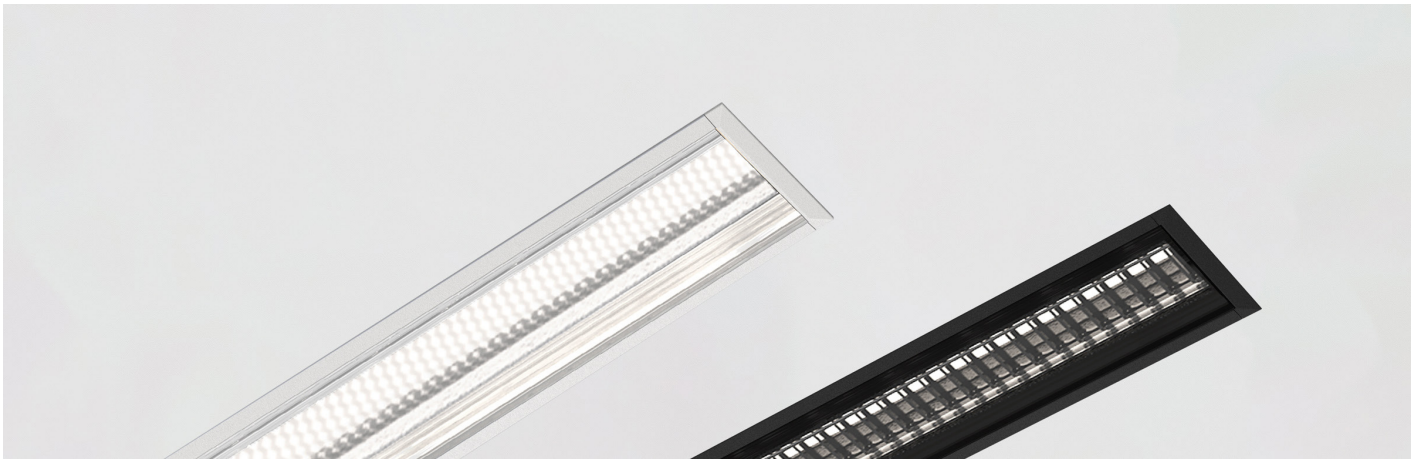
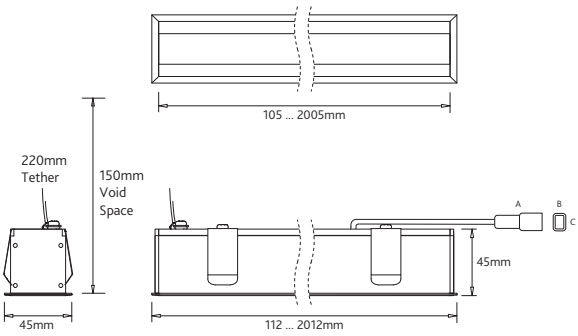
LUMINO®

Vero R



Lumens	≤2470lm /m
Power	≤30W /m
Drive Voltage	24VDC
CRI	≤97R_a ≤82R_9 / TM30 ≤93R_f ≤102R_g
CCT	1800K / 2200K / 2500K / 2700K / 3000K /
	3500K / 4000K / 4500K
LED	Single-CCT / WarmDIM / ColorTUNE / RGB/W
Lifetime	L90B10 >55,000hrs (LM-80-15)
Dimming	DALI 2 / 0-10V / PHASE
Beam Angles	40° GRAZE / 55° WASH / 100° FLOOD
Electrical Class	III SELV
Environment	IP20 / IP64 | 25C Ta
Finish	Silver | White | Black Powdercoat
Dimensions	W45 (incl. 4.5mm Frame) x D42 mm
Weight	2Kg /m

Recessed, linear lighting profile. Internal extruded optical lens with GRAZE, WASH and FLOOD beams and optional anti-glare louvre. 45mm wide with length options from 105 to 2005mm with 4.5mm frame. IP20 or IP64 ratings. 24VDC drivers with 0-10v, DALI or PHASE dimming.



	Wires	A	B	C
eCORE | ColorCORE | EQ | WarmDIM	2	26	8.1	7.8
ColorTUNE	3	26	8.4	10.3
RGB	4	26	8.4	12.8
RGBW	5	26	12.8	15.3

MODEL		IP		FINISH		BEAM		LENGTH		LUMEN PACKAGE						POWER FEED	
										SINGLE CCT				TUNE / WD / RGBW / RGB			
R36R-	VERO R	**C**	IP20	**D**	Silver	**L**	Graze 40°	**0105-**	105mm	**P1**	1800K*	**K**	5 W/m eCORE®	**UPG**	ColorTUNE 3000-1800K 24 W/m	**CB**	PowerTHRU Connectors
		D	IP64	**E**	White	**M**	Wash 55°	**...**	...	**R1**	2200K*	**L**	10 W/m eCORE®	**WRG**	ColorTUNE 4000-2200K 24 W/m	**DB**	Single Feed Connector
				F	Black	**N**	Flood 100°	**2005-**	2005mm	**Y1**	2500K*	**M**	19 W/m eCORE®	**UPZ**	WarmDIM 3000-1800K 9.6 W/m	**GA**	PowerTHRU 500mm Cables
						O	Graze + Louvre			**T1**	2700K	**N**	24 W/m eCORE®	**OUG**	RGBW 9.6 W/m + 3000K 12 W/m	**HA**	Single Feed 500mm
						P	Wash + Louvre			**U1**	3000K	**R**	6 W/m ColorCORE®	**OUI**	RGBW 9.6 W/m + 3000K 24 W/m	with emerg. indicator LED:	
										V1	3500K*	**S**	12 W/m ColorCORE®	**O1A**	RGB 14.4 W/m	**DBE**	Single Feed Connector
										W1	4000K	**U**	24 W/m ColorCORE®			**HAE**	Single Feed 500mm Cable
										X1	4500K*	**V**	30 W/m ColorCORE®				
										*ColorCORE & eCORE only		**F**	6 W/m EQ				
												G	12 W/m EQ				
												I	24 W/m EQ				

Example **R36R-CDO2005-U1SCB** VERO R IP20 Silver Graze + Louvre 2005mm 3000K 12W/m ColorCORE PowerTHRU Connectors

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EU LDL Lighting Europe Limited, Black Church, St Mary's Dublin D07 P4AX IE

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As part of a policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice. E&OE.

EFFICIENCY

ECO DESIGN

Fully compliant with ecoDESIGN regulations for energy-related products including EPREL Energy Labelling.

SUSTAINABILITY

loop CIRCULAR ECONOMY

Sustainable remanufacture, repair or upgrade giving a potential product lifespan of 25+ years.

TM65 85 $kgCO_2e$

TM66 2.2 CEAM

Embodied carbon asessment using the TM65.2 lighting method and circular economy using TM66 CEAM (Make).

2 SDCM	CCT	CRI		TM30		GRAZE 40°				WASH 55°				FLOOD 100°			
	K	R_a	R_9	R_f	R_g	5 W/m	10 W/m	19 W/m	24 W/m	5 W/m	10 W/m	19 W/m	24 W/m	5 W/m	10 W/m	19 W/m	24 W/m
eCORE®	4000	97	95	93	102	565lm	1115lm	1950lm	2495lm	550lm	1080lm	1890lm	2420lm	415lm	820lm	1430lm	1835lm
	3500	97	82	93	102	550lm	1080lm	1895lm	2420lm	535lm	1050lm	1825lm	2345lm	405lm	795lm	1390lm	1780lm
	3000	97	82	93	102	545lm	1070lm	1875lm	2400lm	530lm	1040lm	1815lm	2325lm	400lm	785lm	1375lm	1765lm
	2700	92	47	91	99	490lm	960lm	1680lm	2150lm	475lm	930lm	1630lm	2085lm	360lm	705lm	1235lm	1580lm
	2500	81	15	78	100	580lm	1140lm	1995lm	2550lm	565lm	1105lm	1930lm	2470lm	430lm	835lm	1465lm	1875lm
	2200	81	15	78	102	545lm	1075lm	1880lm	2410lm	530lm	1040lm	1825lm	2335lm	400lm	790lm	1380lm	1770lm
	1800	81	15	68	62	340lm	710lm	1175lm	1500lm	330lm	690lm	1140lm	1455lm	250lm	520lm	860lm	1100lm

2 SDCM	CCT	CRI		TM30		GRAZE 40°				WASH 55°				FLOOD 100°			
	K	R_a	R_9	R_f	R_g	6 W/m	12 W/m	24 W/m	30 W/m	6 W/m	12 W/m	24 W/m	30 W/m	6 W/m	12 W/m	24 W/m	30 W/m
ColorCORE®	4000	95	81	92	100	560lm	1070lm	1910lm	2440lm	540lm	1040lm	1850lm	2360lm	410lm	790lm	1405lm	1790lm
	3500	95	73	92	100	560lm	1065lm	1900lm	2425lm	540lm	1030lm	1840lm	2350lm	410lm	785lm	1395lm	1780lm
	3000	95	70	92	100	525lm	1010lm	1800lm	2290lm	510lm	975lm	1740lm	2220lm	385lm	740lm	1320lm	1685lm
	2700	93	63	92	100	500lm	960lm	1705lm	2175lm	485lm	930lm	1650lm	2110lm	365lm	705lm	1255lm	1600lm
	2500	84	31	82	100	405lm	825lm	1525lm	1890lm	390lm	800lm	1480lm	1830lm	295lm	605lm	1120lm	1390lm
	2200	84	30	82	100	360lm	735lm	1360lm	1685lm	350lm	715lm	1320lm	1630lm	265lm	540lm	1000lm	1235lm

3 SDCM	CCT	CRI		TM30		GRAZE 40°			WASH 55°			FLOOD 100°		
	K	R_a	R_9	R_f	R_g	6 W/m	12 W/m	24 W/m	6 W/m	12 W/m	24 W/m	6 W/m	12 W/m	24 W/m
EQ	4000	95	81	92	100	360lm	725lm	1270lm	315lm	630lm	1110lm	260lm	530lm	925lm
	3000	95	70	92	100	340lm	680lm	1195lm	300lm	595lm	1040lm	250lm	495lm	865lm
	2700	93	63	92	100	330lm	650lm	1140lm	290lm	570lm	995lm	240lm	475lm	830lm

TUNABLE WHITE	CCT	CRI		TM30		GRAZE 40°	WASH 55°	FLOOD 100°
	K	R_a	R_9	R_f	R_g	24 W/m (12+12)	24 W/m (12+12)	24 W/m (12+12)
ColorTUNE	3000	95	70	92	101	730lm	635lm	530lm
	1800	95	70	82	80	455lm	395lm	330lm
	3000+1800	95	80	93	103	1185lm	1030lm	860lm
	4000	93	70	91	100	760lm	665lm	555lm
	2200	93	60	92	103	610lm	530lm	440lm
	4000+2200	95	80	93	102	1370lm	1195lm	995lm

DIM 2 WARM	CCT	CRI		TM30		GRAZE 40°	WASH 55°	FLOOD 100°
	K	R_a	R_9	R_f	R_g	9.6 W/m	9.6 W/m	9.6 W/m
WarmDIM	3000 100%	95	74	93	102	550lm	480lm	400lm
	2000 50%	95	88	88	109	200lm	175lm	145lm
	1800 10%	88	85	77	115	35lm	30lm	25lm

RGB	COLOUR	WAVELENGTH	GRAZE 40°	WASH 55°	FLOOD 100°
		dominant NM	14.4 W/m	14.4 W/m	14.4 W/m
RGB	RGB	-	425lm	370lm	305lm
	Red	630	80lm	70lm	55lm
	Green	525	275lm	240lm	200lm
	Blue	470	70lm	60lm	50lm

RGBW	COLOUR	WAVELENGTH	GRAZE 40°		WASH 55°		FLOOD 100°	
		dominant NM	12 + 9.6 W/m	24 + 9.6 W/m	12 + 9.6 W/m	24 + 9.6 W/m	12 + 9.6 W/m	24 + 9.6 W/m
RGBW	RGB 9.6W/m	-	270lm	270lm	235lm	235lm	195lm	195lm
	Red	630	60lm	60lm	55lm	55lm	45lm	45lm
	Green	525	170lm	170lm	150lm	150lm	125lm	125lm
	Blue	470	40lm	40lm	35lm	35lm	25lm	25lm
	EQ 3000K	-	680lm	1195lm	595lm	1040lm	495lm	865lm
	RGB + EQ 3000K	-	950lm	1465lm	830lm	1275lm	690lm	1060lm

Lumen output per metre. Performance data measured at 25°C Ta. Values can vary according to factors such as temperature, manufacturing tolerances and batching. Products fitted with louvre will incur <60% reduction in lumen output.

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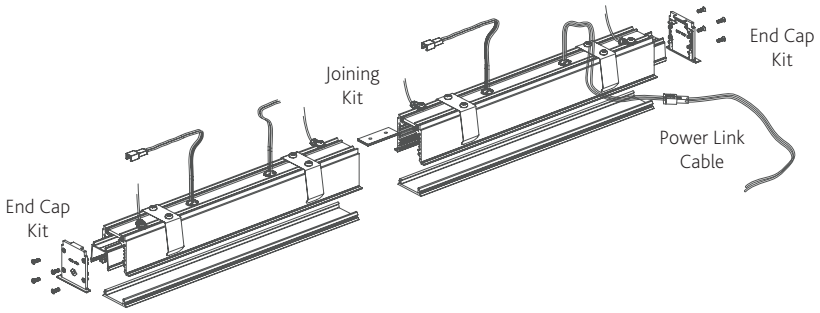
STANDARD LENGTHS	eCORE ColorCORE EQ RGB	RGBW	ColorTUNE	WarmDIM
Shortest Size	105mm	105mm	148mm	130mm
↓	155mm	205mm	219mm	193mm
Increments	***+50mm***	***+100mm***	***+71.4mm***	***+62.5mm***
↓	1955mm	1905mm	1934mm	1943mm
Longest Size	2005mm	2005mm	2005mm	2005mm

Accessories



JOINING KIT

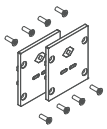
V36R-JA203-R1
Linear Joining Kit
IP20 only

IDC CONNECTORS

VECA-CA901-R1
3A max. (pair)

VECA-CA903-R1
5A max. (single)

END CAP KIT



V36R-MΔ202-R1
IP20 only

Δ = F Black, E White, B Silver

POWER LINK CABLE

VECA-CA0250-ΔPMF-R1 250mm
VECA-CA1000-ΔPMF-R1 1000mm

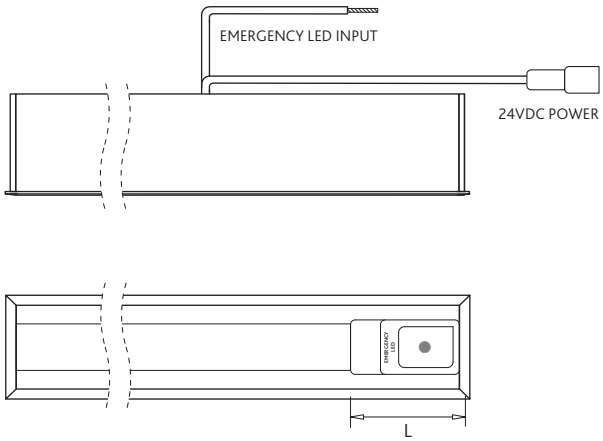
Δ = 2/3/4/5 Cable Cores

Emergency Conversion

E - Order Code Suffix

Integral LED Indicator for use with remote emergency conversion pack

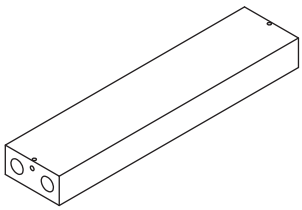
Emergency LED Insert Length	L (mm)
eCORE | ColorCORE | EQ | WarmDIM	50
ColorTUNE	72
RGB	63
RGBW	100



REMOTE EMERGENCY PACK

DNA/1S/RBM712/CRL5/C

3W - 48W DALI Self-Test
340 x 90 x 42mm Enclosure
Requires DALI Driver



CONFORMITY

CE: LVD, ERPD, RoHS. UKCA: EE(S)R, ERP R, RoHS R
BS EN 60598-2-2:2012 used in conjunction with BS EN 60598-1:2015
BS EN 60598-2-1 AMD1:1987 Luminaires used in conjunction with EN/IEC 60598-1:2014, MD1: 2017.
BS EN 62262: 2002 (clause 6 only) using test apparatus as described in
BS EN 60068-2-75:1997 Degrees of protection provided by enclosures.
BS EN 62031:2020 Modules for general lighting.

TOLERANCE

Total Luminous Flux ±10%
Correlated Colour Temperature ±7%
Colour Rendering Index ±2
Power ±5%

OPERATING ENVIRONMENT

Running Temperature (Tc): Maximum 70˚C
Rated Ambient Temperature (Ta): 25˚C
Ambient Temperature Range (Ta): -5˚ to +40˚C
Ingress Protection rating IP68
Not suitable for continuous submersion