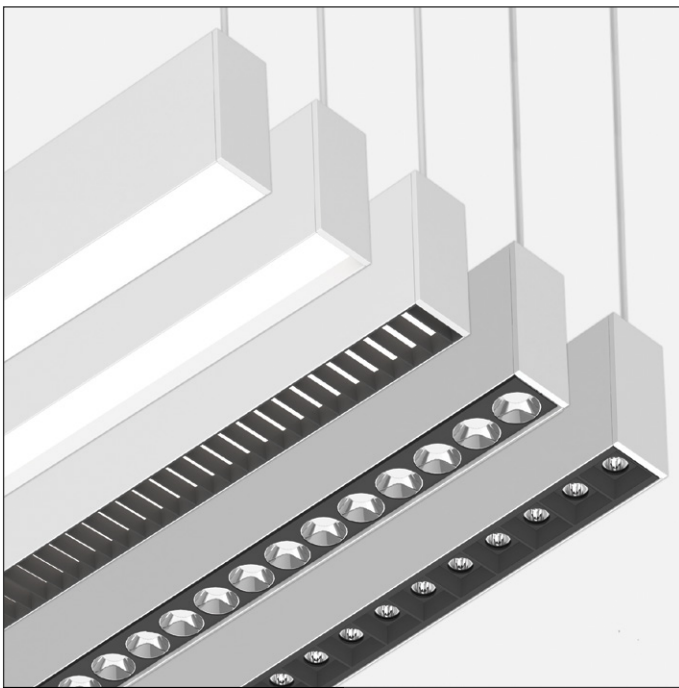


LUMAERA MidiBM Pendant



36mm Well-Proportioned Linear LED Beam Pendant Mount



Integral Driver

Features & Benefits

Exceptional Performance

Up to 3,280 lm/m, 150 lm/W efficacy

Wide Range of LED Selections

Static, Tunable White, and Dim-to-Warm

Designed with Options

Wide choice of SmartOptic® lenses, beam distributions, 80/90/95+ CRI, 2200K to 5000K CCT, and 0-10V, DALI, DMX, and TRIAC dimming

Multiple Beamshapes

Clever beam shaping technology creates a range of options

Proprietary Optical Components

Provides excellent light distribution and high-transmission

Compliance

UKCA, CE, UL, Suitable for Dry and Damp Locations

5-Year Warranty

Standard 5-year warranty, 50,000 hours lifetime

FIXTURE ORDERING

Project Name

Fixture Type

--	--

1) FIXTURE TYPE & MOUNTING DESIGN

PRODUCT	LENGTH	FINISH	END CAP	OPTIC (Direct Only)
MDBM36-P				
36mm Well-Proportioned Linear LED Beam Pendant Mount	610mm 610mm 1220mm 1220mm 1830mm 1830mm 2440mm 2440mm 3048mm 3048mm	MWH Matte White (RAL9003) MBK Matte Black (RAL9005) MGR Matte Gray (RAL7001) CAE Clear Anodized Effect RAL_ Specify RAL#	E1 Flat End Cap	FL Flush Lens RL Regressed Lens CRL Continuous Regressed Lens ¹ BWH Baffle, White BBK Baffle, Black SCOWH Square Cavity Optics, White SCOBK Square Cavity Optics, Black RCOWH Round Cavity Optics, White RCOBK Round Cavity Optics, Black

2) LED LIGHT ENGINE

CRI	CCT	DIRECT BEAM PATTERN	DIRECT OUTPUT	INDIRECT BEAM PATTERN	INDIRECT OUTPUT
S80 Std. 80 CRI	2200K 2200K	DLAM Lambertian	1148 1148 lm/m	NN Not Needed	NN Not Needed
S90 Std. 90 CRI	2700K 2700K	DBW60 Batwing 60°	1640 1640 lm/m	ILAM Lambertian	1148 1148 lm/m
HE80 High-Eff. 80 CRI	3000K 3000K	DDA70 Double Asymmetric 70°	2460 2,460 lm/m	IBW120 Batwing 120°	1640 1640 lm/m
HE90 High-Eff. 90 CRI	3500K 3500K	DA3010 Asymmetric 30° at 10° Tilt	3280 3,280 lm/m	IFT150 FlatTop 150°	2460 2,460 lm/m
HD95 High-Def. 95 CRI	4000K 4000K	DA3015 Asymmetric 30° at 15° Tilt		IA6040 Asymmetric 60° at 40° Tilt	3280 3,280 lm/m
SUN Full SunLike	5000K 5000K			IA4560 Asymmetric 45° at 60° Tilt	
SBIOS Static BIOS	3022D 3000K to 2200K				
DBIOS Dynamic BIOS	Dim-to-Warm	DM70 Medium 70°			
TBIOS Tunable White BIOS	3527D 3500K to 2700K	DN40 Narrow 40°			
	Dim-to-Warm	DCO45 Cavity Optics 45°			
		DCO35 Cavity Optics 35°			
		DCO25 Cavity Optics 25°			

3) FIXTURE POWER OPTIONS

LINE VOLTAGE (DC)	EMERGENCY BACKUP
UNV 120/277V 347 347V	NN Not Needed EMC Emergency Circuit EMB Emergency Battery (Remote)

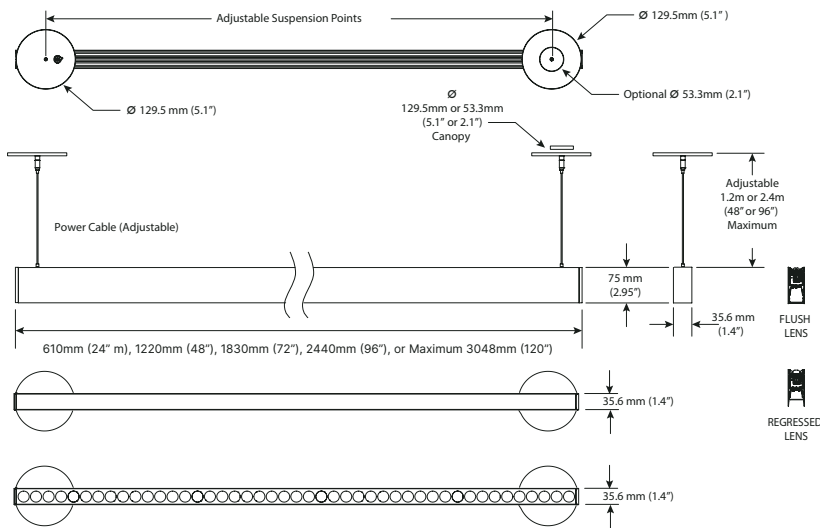
4) FIXTURE TYPE & MOUNTING DESIGN

MOUNTING TYPE	CANOPY	POWER CORD
DJ Drywall/J-Box Mount T1 14mm Flat T-Bar Mount T2 14mm Bolt Slot T-Bar Mount T3 24mm Flat T-Bar Mount	RCWH53 53mm Round Canopy, White RCBK53 53mm Round Canopy, Black RCWH127 127mm Round Canopy, White RCBK127 127mm Round Canopy, Black	P12WH 1.2m White Cord (Ø 3mm) P12BK 1.2m Black Cord (Ø 3mm) P24WH 2.4m White Cord (Ø 3mm) P24BK 2.4m Black Cord (Ø 3mm)

¹Continuous Regressed Lens ships on a roll for seamless lens installation.

FIXTURE DESIGN

Dimensions



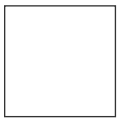
Length

Length Options

610mm, 1220mm, 1830mm, 2440mm, 3048mm nominal

Finish

Housing Colours (Matt Finish)



White (RAL9003)



Black (RAL9005)



Gray (RAL7001)



Clear Anodised Effect



Custom RAL

Housing Material

6063-T5 extruded, recycled aluminum

Mounting Brackets

Sheet Metal

End Cap

End Cap Options

Flat

End Cap Material

Machined or Cast Aluminium

Optic

Lens Options

Flush, Regressed, Continuous Regressed, Cavity Optics, and Baffled

Lens Material

Acrylic (PMMA)

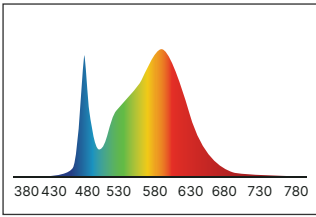
Voltage

Input Voltage (AC)

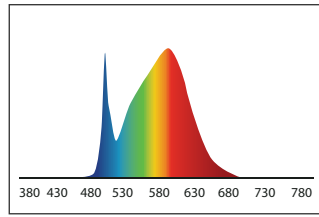
120/277 VAC and 347 VAC, 50/60Hz

LED SELECTION GUIDE

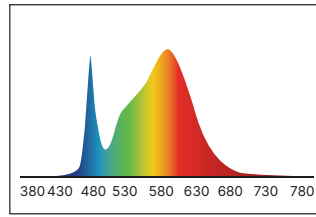
S80: Standard 80+ CRI



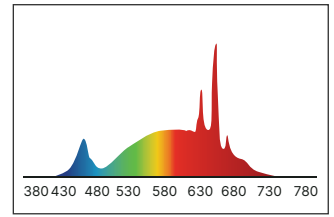
S90: Standard 90+ CRI



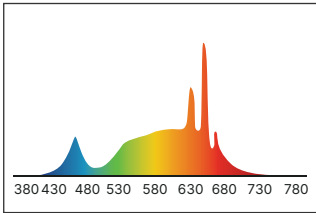
HE80: High-Efficiency 80+ CRI



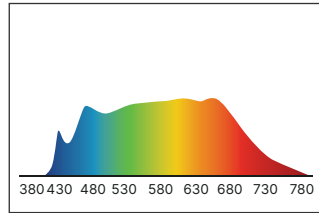
HE90: High-Efficiency 90+ CRI



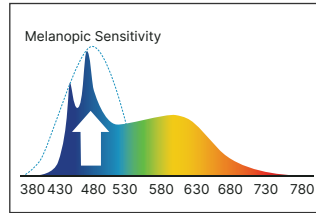
HD95: High-Definition 95+ CRI



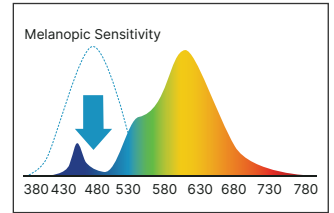
SUN: Full Spectrum "SunLike"



HCD: Human Centric Day



HCN: Human Centric Night



Static White Light (LED Light Engine Only)

CODE	DESCRIPTION	TYPICAL LED DATA							
		CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	M/P Ratio	LPW
S80	Standard 80 CRI	3500K	82.5	7.8	84	96.7	82.5	0.51	190
S90	Standard 90 CRI	3500K	91	54.3	89.3	98.9	89.2	0.55	175
HE80	High Efficiency 80 CRI	3500K	82.1	5.9	83	94.2	81.2	0.52	210
HE90	High Efficiency 90 CRI	3500K	92.2	90	90.7	103.8	92.1	0.56	190
HD95	High Definition 95 CRI	3500K	97.1	95	-	-	-	0.70	163
SUN	Full Spectrum SunLike®	3500K	95	85	-	-	-	-	130
HCD	Human Centric Day	4000K	83	95	-	-	-	0.92	155
HCN	Human Centric Night	2700K	80	-	-	-	-	0.44	134

Static White Light (LED Light Engine Only)

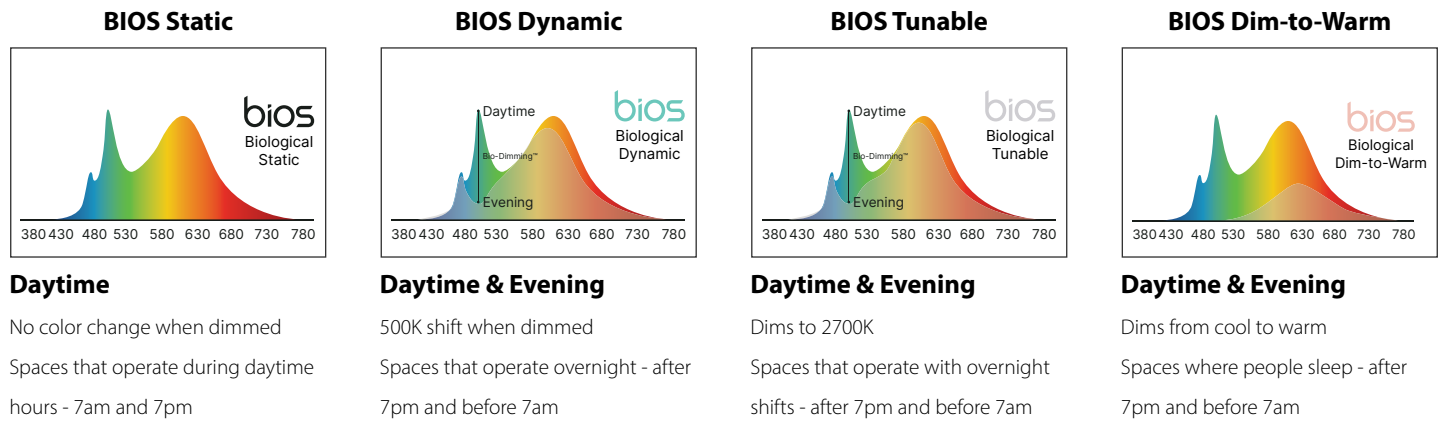
CODE	CCT SELECTED							
	2200K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
S80	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
S90	-	0.91	0.96	1.00	1.04	1.11	1.11	1.11
HE80	-	0.96	0.99	1.00	1.03	1.04	1.03	1.03
HE90	-	0.91	0.96	1.00	1.04	1.11	N/A	N/A
HD95	-	0.91	0.96	1.00	1.04	1.11	1.03	1.04
SUN	-	0.90	0.92	1.00	1.01	1.07	1.04	1.05
HCD	-	N/A	0.96	1.00	1.04	1.04	1.04	1.04
HCN	-	0.87	0.96	1.00	1.04	N/A	N/A	N/A

BIOS TECHNOLOGY

Choosing Your BIOS Solution

BIOS is offered in four Circadian LED Solutions with BIOS SkyBlue Technology - Biological Static, Biological Dynamic, Biological Tunable, and Biological Dim-to-Warm.

BIOS SkyBlue™ Technology includes a blue peak at 490nm that provides an effective daytime circadian signal using standard architectural color temperatures.



Circadian and Human Centric Light

CODE	DESCRIPTION	BIO-DIMMING MODULE TECHNOLOGY GUIDE					
		Driver	Driver voltage	CCT	Requires BIO-Dimming Module	Lighting Control	BIOS SkyBlue (490nm)
SBIOS	BIOS Static	DIM1	0-10V Dimming to 1% Dim-to-Dark	No CCT Change	No	Intensity Dimming Control Only	Always Present
DBIOS	BIOS Dynamic	BIODIM1	0-10V Intensity Dimming to 1% Dim-to-Dark	500K Shift	Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming
DBIOS-2	BIOS Dynamic (2 ch)				No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"
TBIOS	BIOS Tunable	ATW/DTW	0-10V Control of Intensity & CCT on Separate 2 Channels / DALI Control of Intensity & CCT on Separate 2 Channels	Dims to 2700K	Yes	Intensity Dimming & spectrum Change Controlled Together	Removed with BIO-Dimming
TBIOS-2	BIOS Tunable (2 ch)				No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"
DWBIOS	BIOS Dim-to-Warm	-	-	Dims to 2200K	Yes	Intensity Dimming & Spectrum Change Controlled Together	Removed with BIO-Dimming
DWBIOS-2	BIOS Dim-to-Warm (2 ch)				No	Intensity Dimming & Spectrum Change Controlled Separately	Removed by Adjusting "Spectrum Channel"

SMARTBEAM® TECHNOLOGY

The Ultimate Control of Lighting Distributions

SmartBeam makes it easy to specify the exact light required for any architectural space. Available in every Vexica indoor product; it is now possible to create truly tailored and engaging lighting that transform spaces, improves visual comfort, and saves energy.

FIXTURE POWER & CONTROLS

Input Voltage

LED Driver Factory Selected, 36-39V Constant Current

Emergency Backup

Backup Types Emergency Circuit, Emergency Battery (Remote), and other emergency backups are available

Wiring Typically the Emergency Backup is wired to 1220mm sections

Power 10W

Illumination Time 90 Minutes

Partners



Control Systems (Integral Drivers)

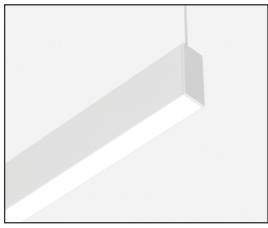
Other Factory Non-Dimming, Factory 0-10V 1% Dim, Factory 0-10V 10% Dim, Factory DALI 0.1% Dim, Factory DMX Dim, Factory TRIAC Dim, eldoLED 0-10V 0.1% Dim, eldoLED 0-10V 1% Dim, eldoLED DALI 0.1% Dim, and other drivers are available, consult factory (not all integral)

Lutron Hi-Lume 1% Dimming and 5-Series 5% Dimming

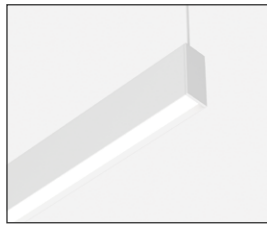
Cooper Compatible driver

Casambi (Wireless) Compatible driver

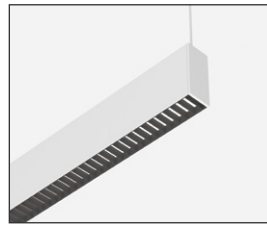
OPTICS OPTIONS



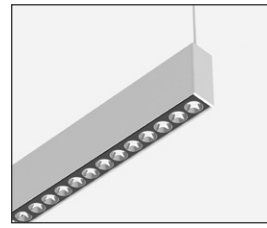
Flush Lens



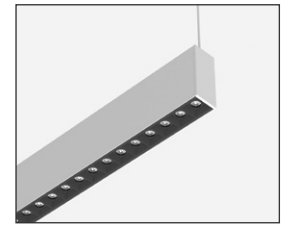
Regressed Lens



Baffles (Black or White)



**Round Cavity Optics
(Black or White)**



**Square Cavity Optics
(Black or White)**

FIXTURE MOUNTING & CONNECTIONS

Mounting Type

T-Bar Mount

Installs into a ceiling grid system and mount on to, or replace, typical T-Bar elements. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Drywall/J-Box Mount

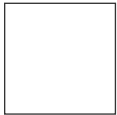
Installs onto a surface via a junction box. Available with a range of accessories, mounts and inserts that provide easy customization of visual appearance and performance enhancements.

Canopy

Canopy Sizes & Shapes

53mm and 127mm, Round and Square

Canopy Colours



White (RAL9003)



Black (RAL9005)

Canopy Material

Powder Coated Steel

Power Cords

1.2m Cable Kit

White and Black

2.4m Cable Kit

White and Black

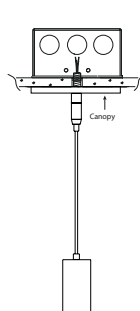
Mounting Options

Typically suspended at a distance of between 0.6m and 1.8m.

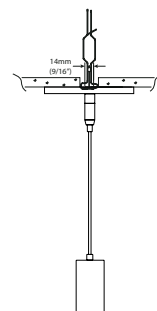
Supplied hardware includes:

- 1.2m or 2.4m standard adjustable cord
- Internal brackets to eliminate light leakage at joints

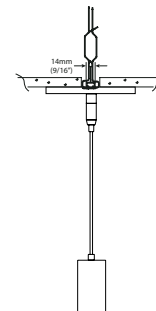
DJ - Drywall/J-Box Mount



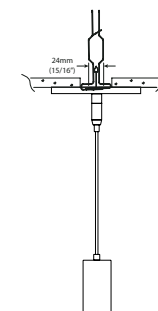
T1 - 14mm Flat T-Bar Mount



T2 - 14mm Bolt Slot T-Bar Mount



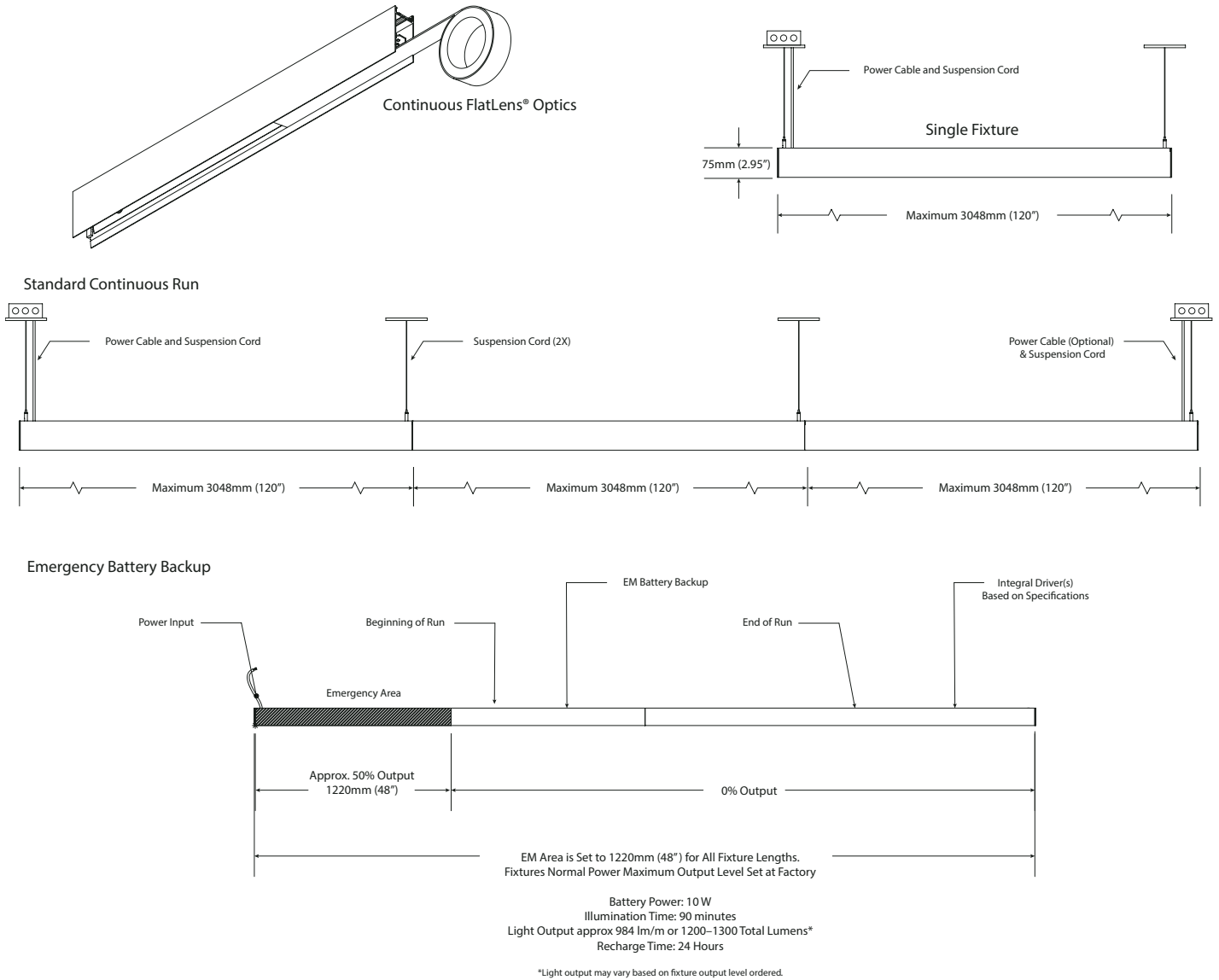
T3 - 24mm Flat T-Bar Mount



Standard Lengths & Continuous Runs

Maximum length of one fixture is 3048mm. Longer runs can be produced by joining sections. Customer approval of shop drawings is required prior to build of any non-standard length order.

Lens can be supplied in a maximum 76m roll length with continuous FlatLENS optics to be installed on-site for a seamless light surface.



BEAM PATTERN SELECTION GUIDE

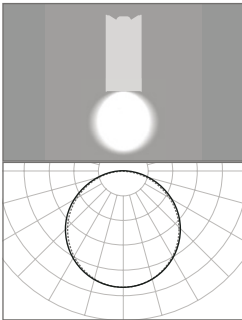
Beam Pattern Availability

OPTIC	BEAM PATTERN									
	DLAM	DBW60	DDA70	DA3015	DA3010	DM70	DN40	DCO45	DCO35	DCO25
Flush/Regressed Lens	*	*	*	*	*	*	*			
Baffle	*	*	*	*	*	*	*			
Cavity Optics (CO)								*	*	*

Direct Photometrics Static White Light

DLAM

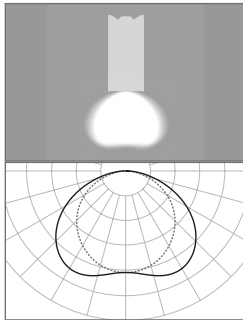
Lambertian



Length 1220mm
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/m 2,450
Watts 36
W/m 29.5
LPW 83

DBW60

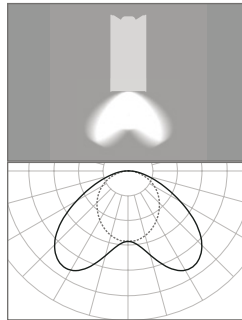
Batwing 60°



Length 1220mm
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/m 2,470
Watts 21
W/m 17.5
LPW 141

DDA70

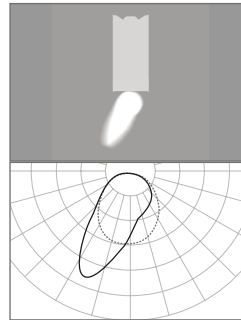
Double Asymmetric 70°



Length 1220mm
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/m 2,560
Watts 25
W/m 20.8
LPW 123

DA3015

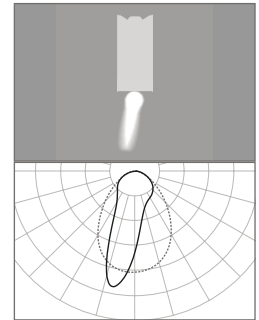
Asymmetric 30° at 15° Tilt



Length 1220mm
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/m 2,515
Watts 23
W/m 19.2
LPW 131

DA3010

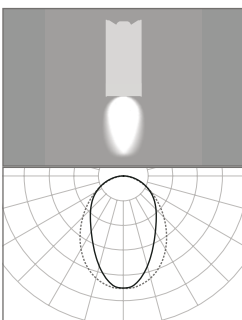
Asymmetric 30° at 10° Tilt



Length 1220mm
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/m 2,495
Watts 23
W/m 19.2
LPW 130

DM70

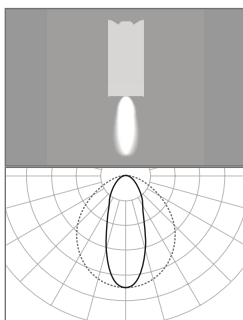
Medium 70°



Length 1220mm
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/m 2,490
Watts 20
W/m 16.7
LPW 149

DN40

Narrow 40°



Length 1220mm
LED HE80
CRI/CCT 80+/3500K
Lumens 3,000
lm/m 2,520
Watts 20
W/m 16.7
LPW 151

Direct Photometrics Static White Light (cont.)

DCO45 Cavity Optic 45°		DCO35 Cavity Optic 35°		DCO25 Cavity Optic 25°	
Length	1220mm	Length	1220mm	Length	1220mm
LED	HE80	LED	HE80	LED	HE80
CRI/CCT	80+/3500K	CRI/CCT	80+/3500K	CRI/CCT	80+/3500K
Lumens	3,000	Lumens	3,000	Lumens	3,000
lm/m	2,525	lm/m	2,525	lm/m	2,525
Watts	37	Watts	37	Watts	37
W/m	30.8	W/m	30.8	W/m	30.8
LPW	82	LPW	82	LPW	82

Indirect Photometrics Static White Light

ILAM Lambertian		IBW120 Batwing 120°		IFT150 Flat Top 150°		IA6040 Asymmetric 60° at 40° Tilt°		IA4560 Asymmetric 45° at 60° Tilt	
Length	1220mm	Length	1220mm	Length	1220mm	Length	1220mm	Length	1220mm
LED	HE80	LED	HE80	LED	HE80	LED	HE80	LED	HE80
CRI/CCT	80+/3500K	CRI/CCT	80+/3500K	CRI/CCT	80+/3500K	CRI/CCT	80+/3500K	CRI/CCT	80+/3500K
Lumens	4,000	Lumens	4,000	Lumens	4,000	Lumens	4,000	Lumens	4,000
lm/m	3,495	lm/m	3,430	lm/m	3,495	lm/m	3,330	lm/m	3,330
Watts	28	Watts	26	Watts	28	Watts	28	Watts	28
W/m	23.3	W/m	21.7	W/m	23.3	W/m	23.3	W/m	23.3
LPW	150	LPW	158	LPW	150	LPW	143	LPW	143

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks



Environmental Suitability

IP Rating

Suitable for Dry and Damp Locations, indoor use only

Sustainability

Responsibly manufactured from materials that are free from 'Red List' chemicals

Recyclable

Optics and all powder coated and anodized parts are fully recyclable at end of life

Reliability

Manufacturing

All Vexica products are manufactured in our UK-based factory using ethically sourced components from internationally recognised 'tier 1' suppliers

Quality Assurance

Each product is designed and manufactured for reliability and each batch undergoes through quality assurance testing

Warranty & Terms

5 Year Warranty



Terms & Conditions



For details on our warranty and business terms, please click or scan the QR Code.