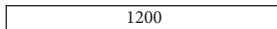




METROLINE SERIES

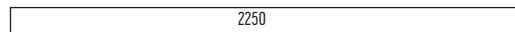
MeTrOlnE 1 S
1850-BB-C(C)-DD-K-J



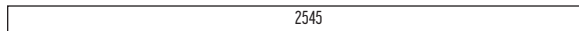
MeTrOlnE 5 S
1851-BB-C(C)-DD-K-J



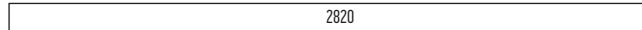
MeTrOlnE 7 S
1852-BB-C(C)-DD-K-J



MeTrOlnE 8 S
1853-BB-C(C)-DD-K-J



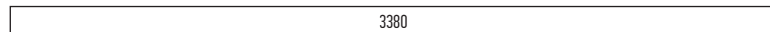
MeTrOlnE 9 S
1854-BB-C(C)-DD-K-J



MeTrOlnE 10 S
1855-BB-C(C)-DD-K-J



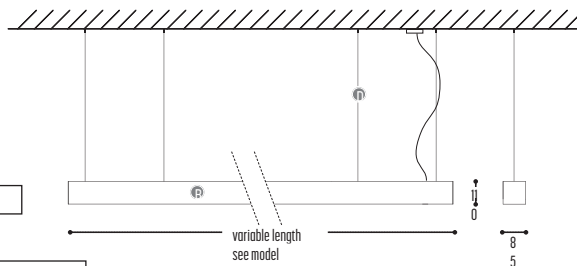
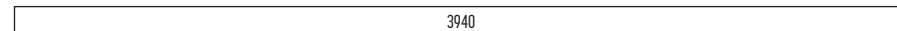
MeTrOlnE 11 S
1856-BB-C(C)-DD-K-J



MeTrOlnE 12 S
1857-BB-C(C)-DD-K-J



MeTrOlnE 13 S
1858-BB-C(C)-DD-K-J



BB		C(C)		DD		K		J					
COLORS		TYPE 1		SUSP. CABLE		DRIVER		DIFFUSER					
02	Black	3	LED	Metroline (box) 1 S	>80CRI • 7640 Lm / 49,6 W / 3000 K	01	1,5 m	0	incl./non dim	0	opal		
03	White			Metroline (box) 5 S	>80CRI • 11460 Lm / 74,4 W / 3000 K	02	2,5 m	2	Dim 1-10 V	1	prismatic		
				Metroline (box) 7 S	>80CRI • 15280 Lm / 99,2 W / 3000 K			3	Dali				
				Metroline (box) 8 S	>80CRI • 17190 Lm / 111,6 W / 3000 K								
				Metroline (box) 9 S	>80CRI • 19100 Lm / 123,8 W / 3000 K								
				Metroline (box) 10 S	>80CRI • 21000 Lm / 136,1 W / 3000 K								
				Metroline (box) 11 S	>80CRI • 22920 Lm / 148,4 W / 3000 K								
				Metroline (box) 12 S	>80CRI • 24830 Lm / 160,7 W / 3000 K								
				Metroline (box) 13 S	>80CRI • 26740 Lm / 173 W / 3000 K								
				13	LED	Metroline (box) 1 S	>80CRI • 4100 Lm / 24,8 W / 3000 K						
						Metroline (box) 5 S	>80CRI • 6150 Lm / 37,2 W / 3000 K						
						Metroline (box) 7 S	>80CRI • 8200 Lm / 49,6 W / 3000 K						
						Metroline (box) 8 S	>80CRI • 9225 Lm / 55,8 W / 3000 K						
		Metroline (box) 9 S	>80CRI • 10250 Lm / 62 W / 3000 K										
		Metroline (box) 10 S	>80CRI • 11275 Lm / 68,2 W / 3000 K										
				Metroline (box) 11 S	>80CRI • 12300 Lm / 74,7 W / 3000 K								
				Metroline (box) 12 S	>80CRI • 13325 Lm / 80,6 W / 3000 K								
				Metroline (box) 13 S	>80CRI • 15375 Lm / 86,8 W / 3000 K								





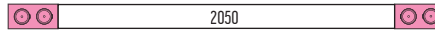
METROLINE SERIES

SUSPENSION PROFILE < CEILING PROFILE

MeTrOInE **BoX 1 S**
2160-BB-C(C)-DD-K-J-1
2160-BB-C(C)-DD-K-J-2GGH



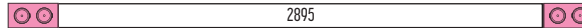
MeTrOInE **BoX 5 S**
2161-BB-C(C)-DD-K-J-1
2161-BB-C(C)-DD-K-J-2GGH



MeTrOInE **BoX 7 S**
2162-BB-C(C)-DD-K-J-1
2162-BB-C(C)-DD-K-J-2GGH



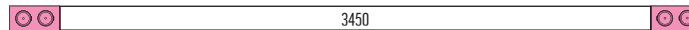
MeTrOInE **BoX 8 S**
2163-BB-C(C)-DD-K-J-1
2163-BB-C(C)-DD-K-J-2GGH



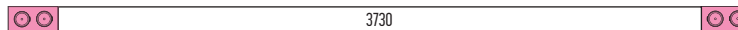
MeTrOInE **BoX 9 S**
2164-BB-C(C)-DD-K-J-1
2164-BB-C(C)-DD-K-J-2GGH



MeTrOInE **BoX 10 S**
2165-BB-C(C)-DD-K-J-1
2165-BB-C(C)-DD-K-J-2GGH



MeTrOInE **BoX 11 S**
2166-BB-C(C)-DD-K-J-1
2166-BB-C(C)-DD-K-J-2GGH



MeTrOInE **BoX 12 S**
2167-BB-C(C)-DD-K-J-1
2167-BB-C(C)-DD-K-J-2GGH



M				
TYPE 2				
	1	GUIO		OPAR51 (MAX 50 W)
E		GG		H
CRI • LUMENOUTPUT		REFLECTOR		COLOR TEMP.
LED	2	>85 CRI • 2x1000 Lm / 350 mA / 9 W	22	2700 K
			34	3000 K
			54	

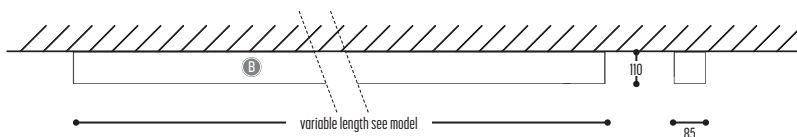




METROLINE SERIES



PC | Alu



MeTrOllnE 1
1840-BB-C(C)-K-J



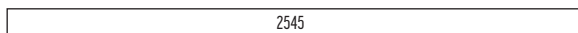
MeTrOllnE 5
1841-BB-C(C)-K-J



MeTrOllnE 7
1842-BB-C(C)-K-J



MeTrOllnE 8
1843-BB-C(C)-K-J



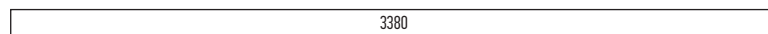
MeTrOllnE 9
1844-BB-C(C)-K-J



MeTrOllnE 10
1845-BB-C(C)-K-J



MeTrOllnE 11
1846-BB-C(C)-K-J



MeTrOllnE 12
1847-BB-C(C)-K-J



MeTrOllnE 13
1848-BB-C(C)-K-J



BB		C(C)		K		J					
COLORS		TYPE 1		DRIVER		DIFFUSER					
02	Black	3	LED	Metroline (box) 1	>80CRI • 7640 Lm / 49.6 W / 3000 K	0	incl./non dim	0	opal		
03	White			Metroline (box) 5	>80CRI • 11460 Lm / 74.4 W / 3000 K	2	Dim 1-10 V	1	prismatic		
				Metroline (box) 7	>80CRI • 15280 Lm / 99.2 W / 3000 K	3	Dali				
				Metroline (box) 8	>80CRI • 17190 Lm / 111.6 W / 3000 K						
				Metroline (box) 9	>80CRI • 19100 Lm / 123.8 W / 3000 K						
				Metroline (box) 10	>80CRI • 21000 Lm / 136.1 W / 3000 K						
				Metroline (box) 11	>80CRI • 22920 Lm / 148.4 W / 3000 K						
				Metroline (box) 12	>80CRI • 24830 Lm / 160.7 W / 3000 K						
				Metroline (box) 13	>80CRI • 26740 Lm / 173 W / 3000 K						
				13	LED	Metroline (box) 1	>80CRI • 4100 Lm / 24.8 W / 3000 K				
						Metroline (box) 5	>80CRI • 6150 Lm / 37.2 W / 3000 K				
						Metroline (box) 7	>80CRI • 8200 Lm / 49.6 W / 3000 K				
						Metroline (box) 8	>80CRI • 9225 Lm / 55.8 W / 3000 K				
		Metroline (box) 9	>80CRI • 10250 Lm / 62 W / 3000 K								
				Metroline (box) 10	>80CRI • 11275 Lm / 68.2 W / 3000 K						
				Metroline (box) 11	>80CRI • 12300 Lm / 74.7 W / 3000 K						
				Metroline (box) 12	>80CRI • 13325 Lm / 80.6 W / 3000 K						
				Metroline (box) 13	>80CRI • 15375 Lm / 86.8 W / 3000 K						





METROLINE SERIES

SUSPENSION PROFILE < CEILING PROFILE

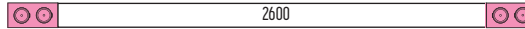
MeTrOllnE BoX 1
2150-BB-C(C)-K-J-1
2150-BB-C(C)-K-J-2GGH



MeTrOllnE BoX 5
2151-BB-C(C)-K-J-1
2151-BB-C(C)-K-J-2GGH



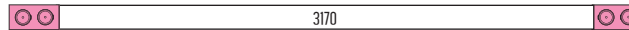
MeTrOllnE BoX 7
2152-BB-C(C)-K-J-1
2152-BB-C(C)-K-J-2GGH



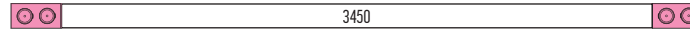
MeTrOllnE BoX 8
2153-BB-C(C)-K-J-1
2153-BB-C(C)-K-J-2GGH



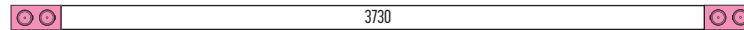
MeTrOllnE BoX 9
2154-BB-C(C)-K-J-1
2154-BB-C(C)-K-J-2GGH



MeTrOllnE BoX 10
2155-BB-C(C)-K-J-1
2155-BB-C(C)-K-J-2GGH





MeTrOllnE BoX 11
2156-BB-C(C)-K-J-1
2156-BB-C(C)-K-J-2GGH



MeTrOllnE BoX 12
2157-BB-C(C)-K-J-1
2157-BB-C(C)-K-J-2GGH

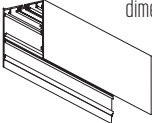


M						
TYPE 2						
	1	GU10		QPAR51 (MAX 50 W)		
E		GG		H		
CRI • LUMENOUTPUT		REFLECTOR		COLOR TEMP.		
LED	2	>85 CRI • 2x 1000 Lm / 350 mA / 9 W	22	22°	2	2700 K
			34	34°	3	3000 K
			54	54°		




METROLINE SYSTEM

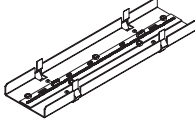
**PROFILE
1400-BB**

 <p>dimensions profile 85 x110 mm max. 5,95 m</p>	BB	
	COLORS	
	02	Black
03	White	

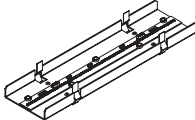
**ENDPLATE
1403-BB**

	BB	
	COLORS	
	02	Black
03	White	

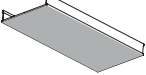
**LED MODULE high lumen
1406-BB-C-D**

	BB		C	D
	LENGTH		COLOR TEMP.	DRIVER
	01	280 mm >80CRI • 1910 Lm / 12,4 W	3 3000K	0 incl./non dim
	02	560 mm >80CRI • 3820 Lm / 24,8 W	4 4000K	1 excl.
	03	1120 mm >80CRI • 7640 Lm / 49,6 W		2 Dim 1-10 V
			3 Dali	

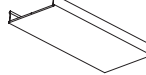
**LED MODULE low lumen
1406-BB-1C-D**

	BB		C	D
	LENGTH		COLOR TEMP.	DRIVER
	01	280 mm >80CRI • 1025 Lm / 6,2 W	3 3000K	0 incl./non dim
	02	560 mm >80CRI • 2050 Lm / 12,4 W	4 4000K	1 excl.
	03	1120 mm >80CRI • 4100 Lm / 24,8 W		2 Dim 1-10 V
			3 Dali	


**COVER PROFILE
1401-BB**

 <p>max. 5,95 m</p>	BB	
	COLORS	
	02	Black
03	White	

**DIFFUSER
1402-B**

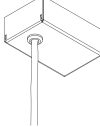
 <p>max. 5,95 m</p>	B	
	TYPE	
	0	Opal
1	Prismatic*	

**SUSPENSION CABLE KIT
1404-BB**

	BB	
	SUSPENSION CABLE	
	01	1,5 m
02	2,5 m	

max. 1,5 m distance between 2 suspension cables

**SUSPENSION POWER SUPPLY KIT
1405-BB-DD**

	BB		DD	
	COLORS		POWER CABLE	
	01	Black	01	1,5 m 3P cable
	02	White	02	2,5 m 3P cable
			11	1,5 m 5P cable dimmable
		12	2,5 m 5P cable dimmable	

PC | Alu



g@gordonbullard.com

www.byiba.com

1-877-964-4646



991 South Gull Lake Dr

Richland, MI 49083

USA



METROLINE SYSTEM

SUSPENSION PROFILE < CEILING PROFILE

M SPOT BOX
1411-BB-2GGH-K

BB		E		GG		H		K		
COLOR		CRI • LUMENOUTPUT		REFLECTOR		COLOR TEMP		DRIVER		
02	Black	LED	2	>85 CRI • 2x1000 Lm / 350 mA / 9 W	22	22°	2	2700K	0	incl./non dim
03	White				34	34°	3	3000K	1	excl.
					54	54°			2	Dim 1-10 V
								3	Dali	

M FOREVER 27
1413-BB

BB	
COLOR	
02	Black
03	White

M COOLFIN S
1414-BB-EFFGGH-(I)-K

BB		EFF		GG		H		(I) optional		K		
COLOR		CRI • LUMENOUTPUT		REFLECTOR		COLOR TEMP		INSIDE COLOR		DRIVER		
02	Black	LED	810	>85 CRI • 1x1300 Lm / 1x700 mA / 9,5 W	40	40°	2	2700K	G	Gold	0	incl./non dim
03	White				60	60°	3	3000K			2	Dim 1-10 V
							4	4000K			3	Dali

SENSORING
1435



SR SENSORING
1436



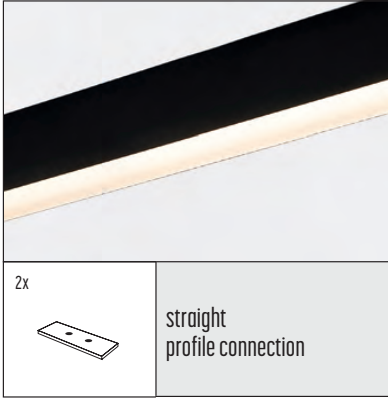


METROLINE SYSTEM

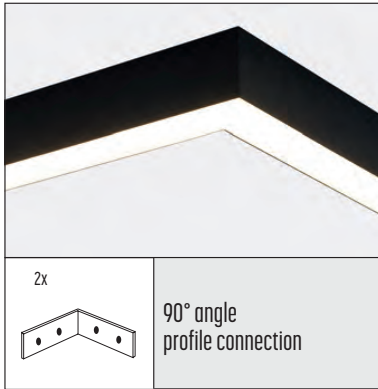
SUSPENSION PROFILE < CEILING PROFILE

CONNECTION SETS

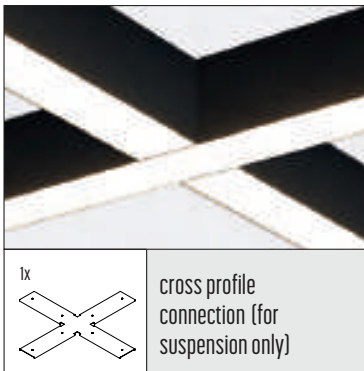
1410



1420



1430





HUMAN CENTRIC LIGHTING
bespoke

Human centric lighting or biorhythmic lighting simulates daylight over the entire day - from clear, blue morning skies, right through to the glow of sunset. It supports our natural bio rhythm and has a dynamic influence on our emotions on a daily basis. It controls human processes and even influences our internal clock.

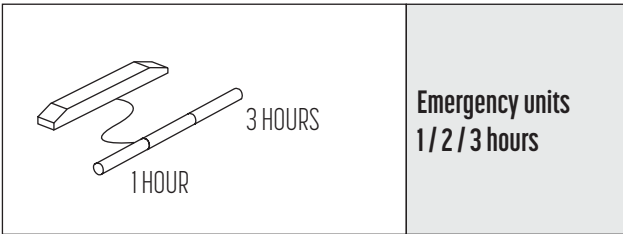
This approach accurates working and improves quality in industry and production environments. It enchances wellbeing and creativity in office spaces. Human perception and sensing is stimulated by light, so retail presentations are put in the daylight situation and the time of day are reflected on customers personality. In nursing homes and hospitals, the human centric does not only activate people during the daytime, it also has a positive effect on health and clearly improved night-time sleep patterns.

We are offering 2 different technologies based on color spectrum and functionalities:



<p>HUMAN CENTRIC LIGHTING color spectrum: 1800 K - 16000 K</p>	<p>TUNABLE WHITE color spectrum: 2700 K - 6500 K</p>
---	---

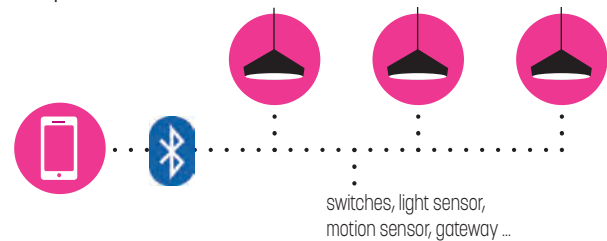
SENSOR READY & EMERGENCY UNITS
bespoke



Metroline profiles are configurable with Philips EasyAir wireless sensors and emergency units. LED lighting already brings considerable energy savings. Sensor ready wireless sensors into luminaires take the savings to an even higher level. Sensors enable presence and sunlight detection, which when used in combination, can generate savings of up to 50%.

Emergency solutions are designed to secure light in case the normal mains voltage is failing. In emergency case the driver immediately switches over to battery mode to light-up vitalobjects such as escape routes.

BLUETOOTH WIRELESS control
bespoke



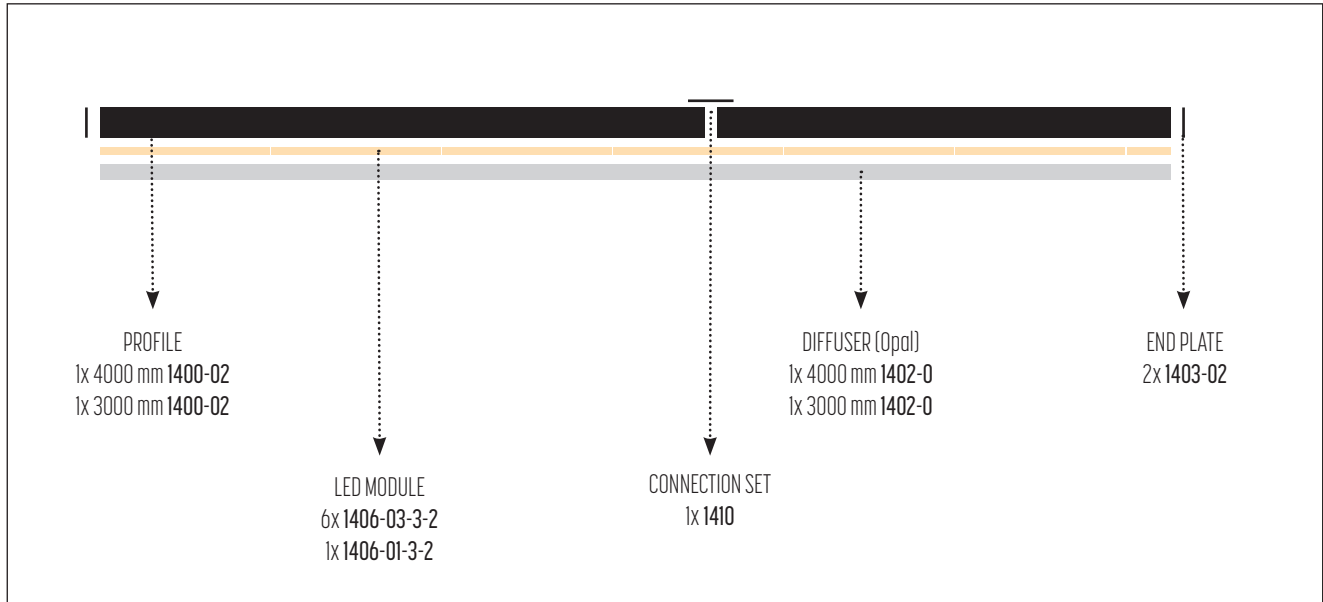
Nowadays it is impossible to imagine daily-life without wireless technology. Bluetooth low energy is implemented in all modern smartphones, tablets, watches and has not yet seen his end. Casambi collaborates with all the leading luminaire manufacturers to implement bluetooth in lighting fixtures and switches. Dark is one of these.

The Casambi technology provides a mesh network where all the intelligence of the system is replicated in every node and, in such a way, creates a system with no single points of failure. You can control a large number of fixtures from any point in the mesh network with the free casambi app.

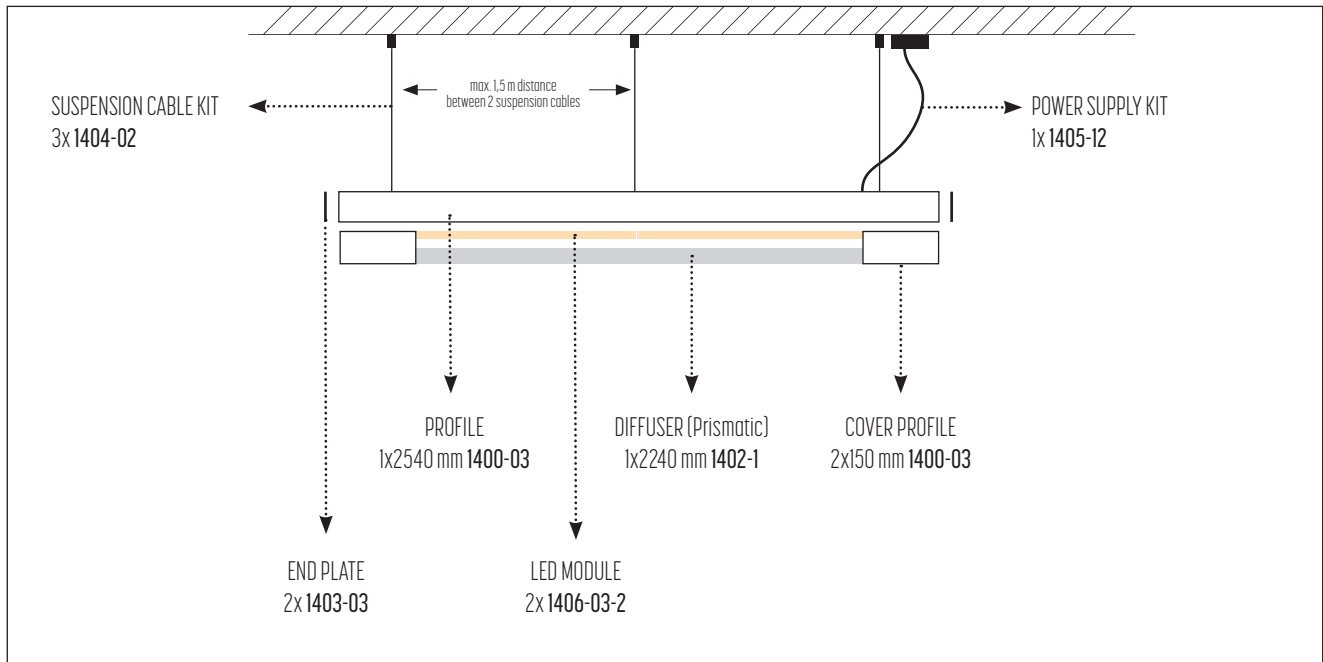


HOW TO ORDER: SUSPENSION PROFILE < CEILING PROFILE

HOW TO ORDER A BLACK PROFILE OF 7000 mm :



HOW TO ORDER A WHITE PROFILE OF 2540 mm suspension:



g@gordonbullard.com

www.byiba.com

1-877-964-4646



991 South Gull Lake Dr

Richland, MI 49083

USA