



### Features

- Pixo Line is a linear track system, adds flexibility to any space due the variety of product options Offers an easy installation with two separate modules Push-in/push-out mechanism with GR6d-15 connector Compatible with Zhaga Book 14 Aluminium body, plastic end caps, translucent optic diffuser, light beam angle: 90° Textured black finishing colour. Light color temperature: 3000K, warm white, max. system power: 50W Max. fixture lumen output: 7200lm, efficacy: 144lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), IR/UV free light source without heat radiation Multipower driver module with 8 power settings meet all installation needs with one single product (selection between 17W, 19W, 24W, 29W, 34W, 38W, 43W, 50W) Suitable for installation on 3-circuit tracks, please check compatibility list on the instruction sheet. Compatible with OneTrack Electrical protection: Class III. Degree of protection: IP20, suitable for indoor environment only Light modules should be combined with suitable in-track drivers Nominal product dimensions: L.1464mmx38.4mmx37mm

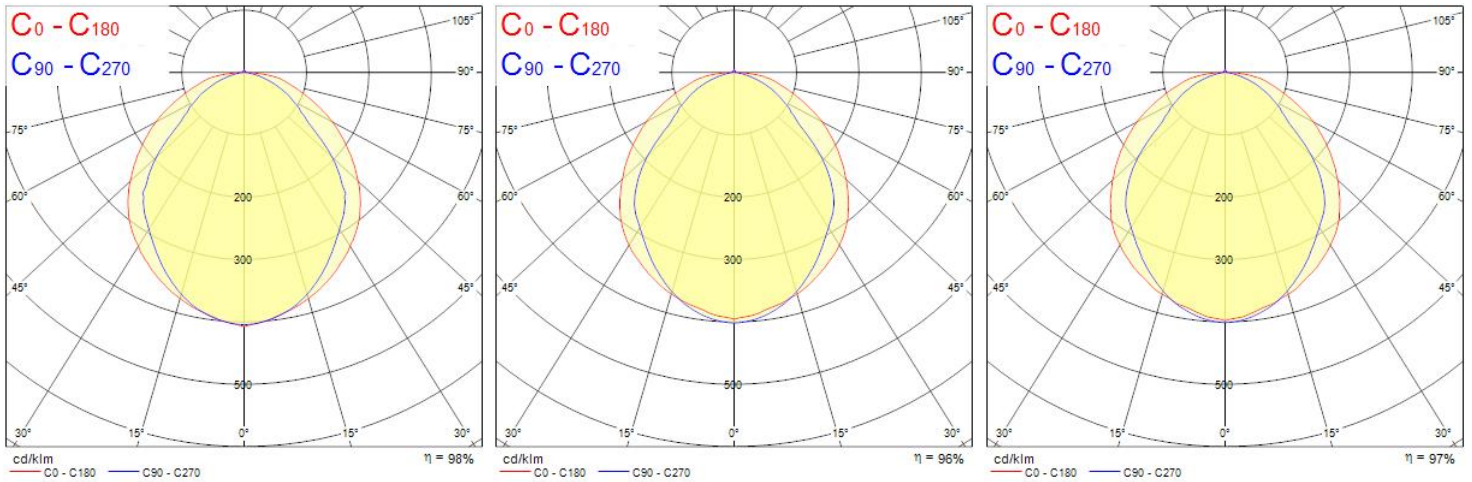
### Product Overview

<b>Product name</b>	PIXO LINE 1500 90D BEAM 830 BLACK
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>General application</b>	Retail, Hospitality, Museums & Galleries, Office
<b>ETIM Class</b>	EC000996
<b>E-number FI</b>	4279405
<b>Fixture luminous flux (lm)</b>	7200
<b>Luminaire efficacy (lm/W)</b>	144
<b>Colour temperature (K)</b>	3000
<b>Light colour</b>	Warm White

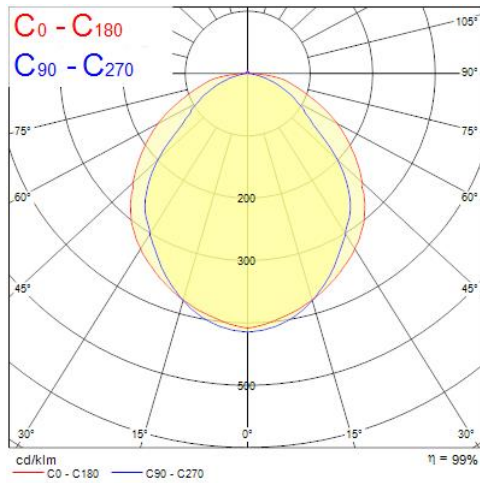
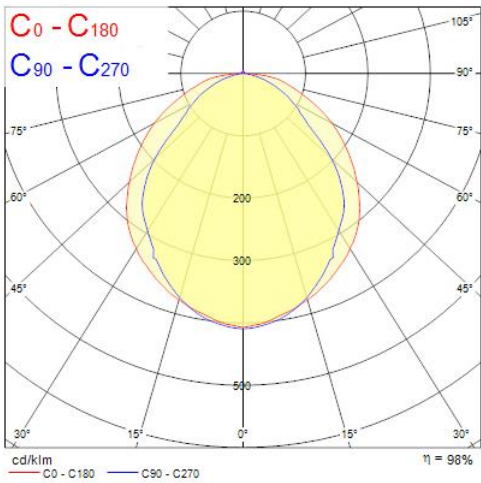
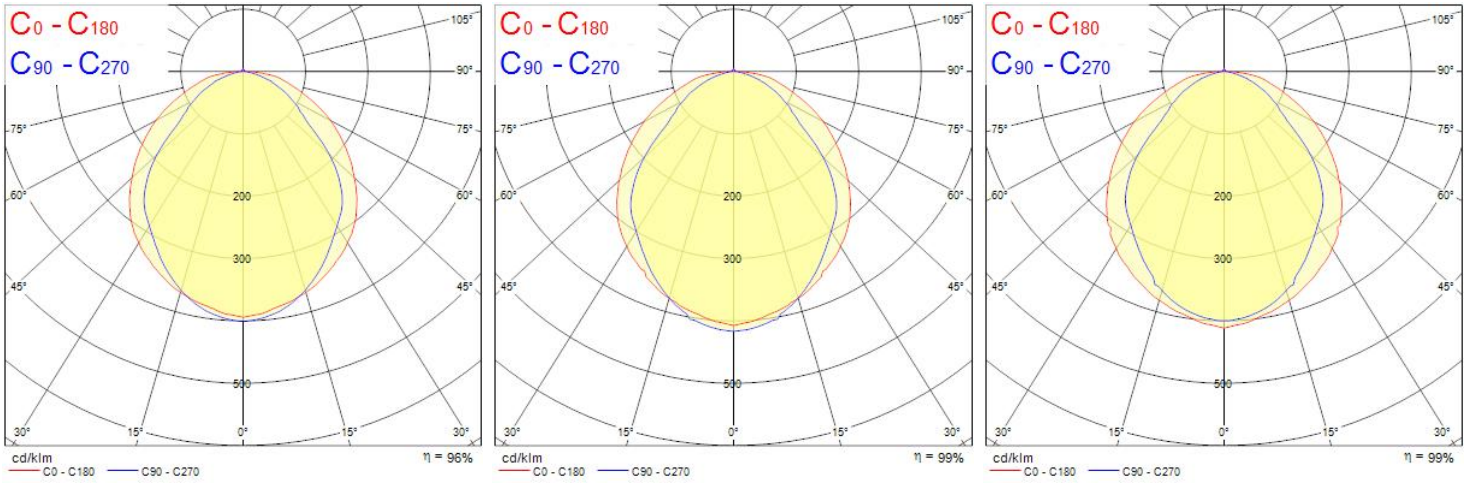
## PIXO LINE 1500 90D BEAM 830 BLACK 0007823

CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	90
Glare control	< 28
Photobiological Risk Group	Not applicable
Total power consumption (W)	50
Electrical protection	Class III
Dimmable	No
Housing colour	Black
IP rating	IP20
IK rating	IK03
Product EAN number	5410288078236
Warranty	5 years
Dimming method	N/A

### Photometry



## PIXO LINE 1500 90D BEAM 830 BLACK 0007823



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	1.01	8347	45.2°	1422	337
	1.39	2087	45.2°	356	209
1.0	2.01	927	45.2°	156	93
	2.77	522	45.2°	89	52
1.5	3.02	334	45.2°	57	33
	4.16	232	45.2°	40	23
2.0	4.03	196	45.1°	35	20
	5.55	116	45.2°	21	11
2.5	5.04	167	45.2°	30	16
	6.93	116	45.2°	21	11
3.0	6.04	116	45.2°	21	11
	8.32	67	45.2°	13	6

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 108.4°)  
— C90 - C270 (Half beam angle: 90.4°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	1.00	7068	45.1°	1275	709
	1.39	1786	45.1°	319	177
1.0	2.01	785	45.1°	142	79
	2.77	442	45.1°	80	44
1.5	3.01	283	45.1°	51	28
	4.16	196	45.1°	35	20
2.0	4.01	167	45.2°	30	16
	5.55	116	45.2°	21	11
2.5	5.02	116	45.2°	21	11
	6.93	67	45.2°	13	6
3.0	6.02	67	45.2°	13	6
	8.32	40	45.2°	8	4

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 108.4°)  
— C90 - C270 (Half beam angle: 90.2°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	1.01	4154	45.2°	742	402
	1.41	1041	45.2°	186	100
1.0	2.01	463	45.2°	82	45
	2.82	260	45.2°	46	25
1.5	3.02	167	45.2°	30	16
	4.24	116	45.2°	21	11
2.0	4.03	116	45.2°	21	11
	5.65	67	45.2°	13	6
2.5	5.04	67	45.2°	13	6
	7.06	40	45.2°	8	4
3.0	6.04	40	45.2°	8	4
	8.47	24	45.2°	5	2

Distance [m]      Cone diameter [m]      Illuminance [lx]

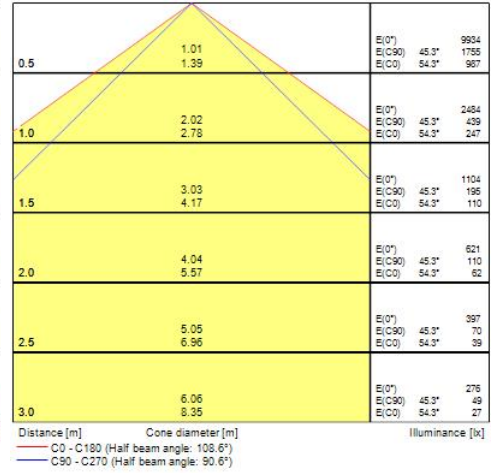
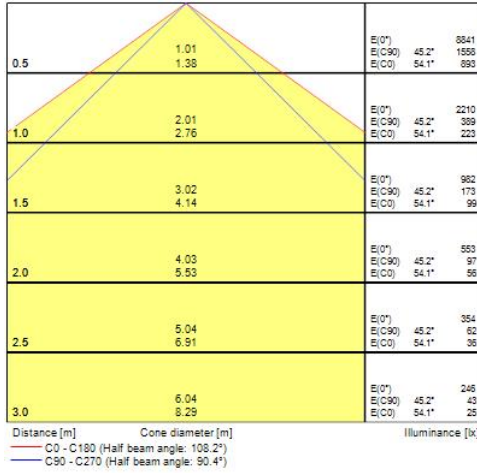
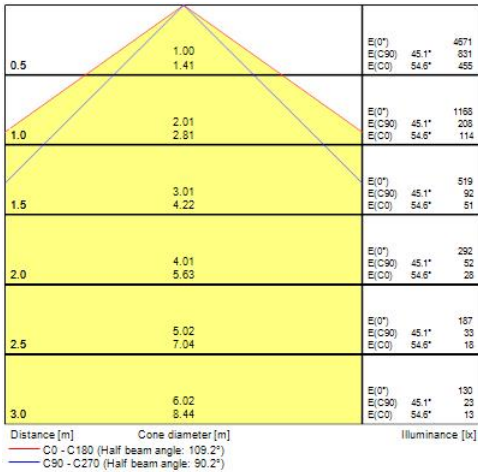
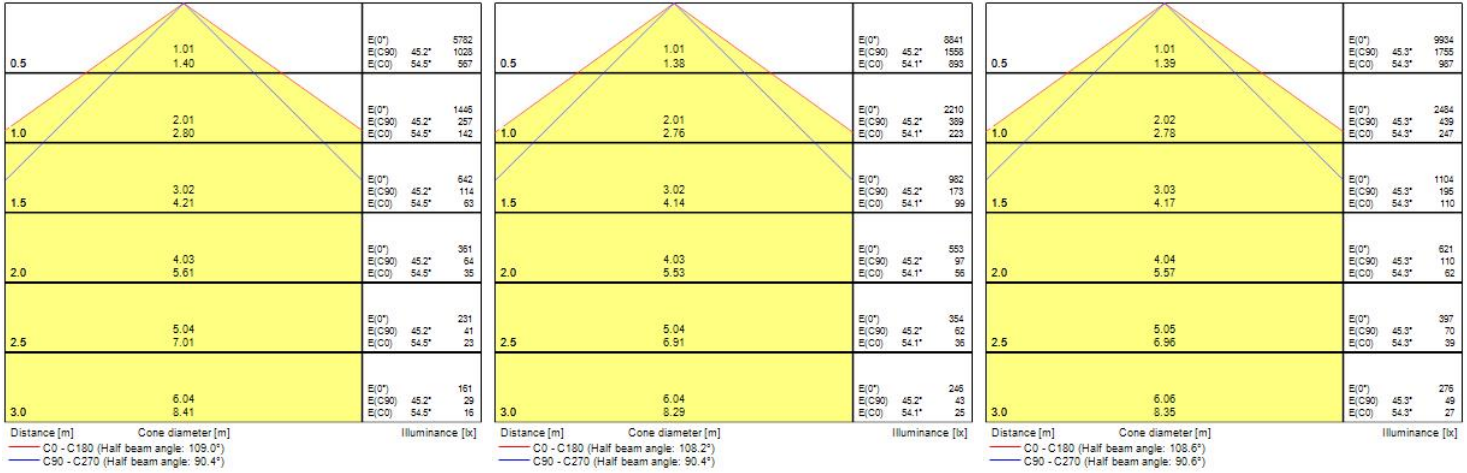
— C0 - C180 (Half beam angle: 108.4°)  
— C90 - C270 (Half beam angle: 90.4°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	1.01	11713	45.3°	2036	1193
	1.38	2925	45.3°	509	292
1.0	2.02	1301	45.3°	226	133
	2.75	732	45.3°	127	75
1.5	3.03	469	45.3°	81	43
	4.13	325	45.3°	57	33
2.0	4.04	226	45.3°	57	33
	5.51	133	45.3°	33	19
2.5	5.05	116	45.3°	21	11
	6.88	67	45.3°	13	6
3.0	6.06	67	45.3°	13	6
	8.26	40	45.3°	8	4

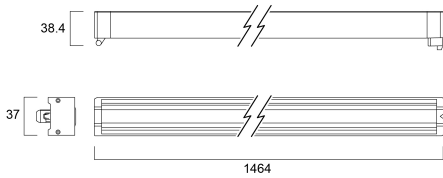
Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 108.0°)  
— C90 - C270 (Half beam angle: 90.6°)

## PIXO LINE 1500 90D BEAM 830 BLACK 0007823



### Technical drawings



### Data table

## PIXO LINE 1500 90D BEAM 830 BLACK 0007823

### GENERAL DATA

Product name	PIXO LINE 1500 90D BEAM 830 BLACK
Technology	LED
Cap/Base	N/A
General application	Retail, Hospitality, Museums & Galleries, Office
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC000996
E-number FI	4279405
Warranty	5 years

### OPTICAL DATA

Fixture luminous flux (lm)	7200
Luminaire efficacy (lm/W)	144
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	90
Glare control	< 28
Photobiological Risk Group	Not applicable

### ELECTRICAL DATA

Total power consumption (W)	50
Electrical protection	Class III
Control gear required	No
Dimmable	No
Dimming method	N/A
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	N/A

### LIFETIME DATA

## PIXO LINE 1500 90D BEAM 830 BLACK 0007823

Lifespan L70 B50	90000
Lifespan L70 B20	90000
Lifespan L70 B10	90000
Lifespan L80 B50	90000
Lifespan L80 B20	79000
Lifespan L80 B10	76000
Lifespan L90 B50	43000
Lifespan L90 B20	37000
Lifespan L90 B10	36000

### PHYSICAL DATA

Housing colour	Black
IP rating	IP20
IK rating	IK03
Nominal Product Length (mm)	1464
Nominal Product Width (mm)	37
Nominal Product Height (mm)	38.4
Weight (kg)	0.9

### PACKAGING

Product EAN number	5410288078236
Packaging single length / height (cm)	147.0
Packaging single width (cm)	4.3
Packaging single depth (cm)	4.3
DUN14 (outer)	15410288078233
Units per outer package	20
Packaging outer length / height (cm)	149.0
Packaging outer width (cm)	24.0
Packaging outer depth (cm)	19.0

### SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No

# SYLVANIA

PIXO LINE 1500 90D BEAM 830 BLACK  
**0007823**

Suitable for household illumination

No

**Light your world**