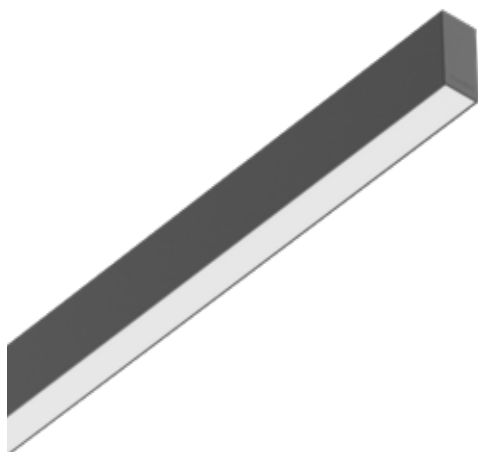
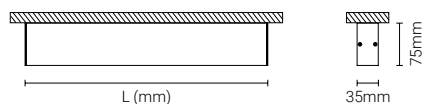
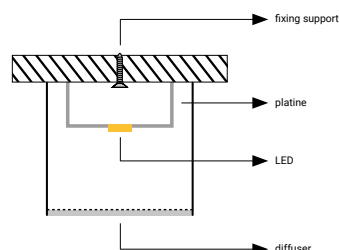




TECHNICAL DRAWING



TECHNICAL DETAILS



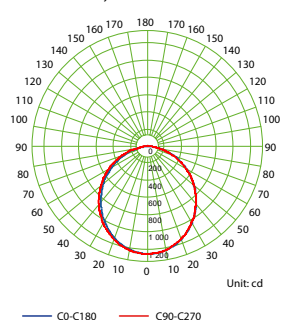
APPLICATION | DIRECTION



Protruding application | Downward light projection

PHOTOMETRY

Luminous Intensity Distribution Curve - 4046.141.xXL



The selected color/finish for the profile must be mentioned using the profile code. For the accessories, the color/finish is defined in the respective module code.

EN - Surface ceiling luminaire for indoor application, with downward light projection. Extruded aluminum body with the possibility of painting in different colors. Diffuser in opalescent polycarbonate, prismatic, black or lenses. Incorporated driver. Possibility of adding different modular accessories (detailed information from page n°3).

NORMS

Norms: EN 60598-1:2015, EN 60598-2-1:2012, IEC 60529, EN 50581:2012, IEC 61000-3-2:2014, EN 61547:2009

Directives: 2012/19/UE REEE, 2014/30/UE Electromagnetic Compatibility, 2014/35/UE Low Voltage

ELECTRICAL SYSTEM



POWER SUPPLY

INCORPORATED DRIVER 220-240V AC-50/60Hz

SOURCE OF LIGHT

LED MODULE

MacAdam 3 • 72.000 h • L90B20 • Ta -20°C a 45°C • CRI 80 • Regulable • ∠ 120°

2700K (4x46.xxx.xx2) **3000K** (4x46.xxx.xx3) **4000K** (4x46.xxx.xx4) **5000K** (4x46.xxx.xx5) **6500K** (4x46.xxx.xx7) **Tunable White** (on request)

COLORS

- 1** White (4x46.xxx.1xL)
- 2** Gray 4x46.xxx.2xL)
- 3** atin Gray(4x46.xxx.3xL)
- 4** Brushed (4x46.xxx.4xL)
- 7** Graphite .(4x46.xxx.7xL)
- 9** Black .(4x46.xxx.9xL)
- 0** RAL on request .(on request)

FINISHES



Opaline (4x46.xxx.xOL) Prismatic (4x46.xxx.xPL) Black (4x46.xxx.xBL) Lenses (4046.xxx.x1L | 4046.xxx.x9L)

4x46.xxx.104 - Opaline Diffuser - 4000K				IK04 IP40 LED Module		
L (mm)	Total Power	Output Lumens	Lm/W	Code HF	Code 1-10V	Code DALI
295	7.5 W	612 lm	81.7	4046.029.xxL	-	-
435	10.4 W	919 lm	88.3	4046.043.xxL	-	-
575	12.1 W	1 225 lm	101.4	4046.057.xxL	-	4246.057.xxL
715	16.5 W	1 647 lm	99.8	4046.071.xxL	4146.071.xxL	4246.071.xxL
855	19.3 W	1 976 lm	102.4	4046.085.xxL	4146.085.xxL	4246.085.xxL
995	22.1 W	2 306 lm	104.3	4046.099.xxL	4146.099.xxL	4246.099.xxL
1135	24.6 W	2 693 lm	109.4	4046.113.xxL	4146.113.xxL	4246.113.xxL
1275	27.7 W	3 029 lm	109.3	4046.127.xxL	4146.127.xxL	4246.127.xxL
1415	30.3 W	3 401 lm	112.3	4046.141.xxL	4146.141.xxL	4246.141.xxL
1555	33.3 W	3 740 lm	112.3	4046.155.xxL	4146.155.xxL	4246.155.xxL
1695	36.3 W	4 080 lm	112.4	4046.169.xxL	4146.169.xxL	4246.169.xxL
1835	39.3 W	4 420 lm	112.5	4046.183.xxL	4146.183.xxL	4246.183.xxL
1975	42.1 W	4 761 lm	113.1	4046.197.xxL	4146.197.xxL	4246.197.xxL
2115	44.9 W	5 101 lm	113.6	4046.211.xxL	4146.211.xxL	4246.211.xxL
2255	47.9 W	5 441 lm	113.6	4046.225.xxL	4146.225.xxL	4246.225.xxL
2395	50.5 W	5 781 lm	114.5	4046.239.xxL	4146.239.xxL	4246.239.xxL
2535	53.3 W	6 121 lm	114.8	4046.253.xxL	4146.253.xxL	4246.253.xxL
2675	56.1 W	6 461 lm	115.2	4046.267.xxL	4146.267.xxL	4246.267.xxL
2815	59.1 W	6 801 lm	115.1	4046.281.xxL	4146.281.xxL	4246.281.xxL
2955	61.0 W	6 971 lm	114.6	4046.295.xxL	4146.295.xxL	4246.295.xxL
3095	64.9 W	7 481 lm	115.3	4046.309.xxL	4146.309.xxL	4246.309.xxL
3235	70.3 W	7 821 lm	111.3	4046.323.xxL	4146.323.xxL	4246.323.xxL
3375	70.5 W	8 161 lm	115.8	4046.337.xxL	4146.337.xxL	4246.337.xxL
3515	74.2 W	8 501 lm	114.6	4046.351.xxL	4146.351.xxL	4246.351.xxL
3655	76.2 W	8 841 lm	116.0	4046.365.xxL	4146.365.xxL	4246.365.xxL
3795	81.7 W	9 182 lm	112.4	4046.379.xxL	4146.379.xxL	4246.379.xxL
3935	83.8 W	9 522 lm	113.6	4046.393.xxL	4146.393.xxL	4246.393.xxL
4075	87.5 W	9 862 lm	112.7	4046.407.xxL	4146.407.xxL	4246.407.xxL
4215	91.2 W	10 202 lm	111.9	4046.421.xxL	4146.421.xxL	4246.421.xxL
4355	94.9 W	10 542 lm	111.1	4046.435.xxL	4146.435.xxL	4246.435.xxL
4495	98.6 W	10 882 lm	110.4	4046.449.xxL	4146.449.xxL	4246.449.xxL
4635	102.3 W	11 222 lm	109.7	4046.463.xxL	4146.463.xxL	4246.463.xxL
4775	106.0 W	11 562 lm	109.1	4046.477.xxL	4146.477.xxL	4246.477.xxL
4915	109.7 W	11 902 lm	108.5	4046.491.xxL	4146.491.xxL	4246.491.xxL
5055	113.4 W	12 242 lm	108.0	4046.505.xxL	4146.505.xxL	4246.505.xxL

 code:
0Y00.000.0XX > Y+1

 code:
0Y00.000.0XX > Y+2

Can be installed in continuous lines with the requested length. Other measures available under consultation.

4046.xxx.xLL - Lentes				IK04 IP40 LED	
L (mm)	Finishing lenses	Power total	Lumens output	Lm/W	Code HF
565	White Black	21.0 W	1 588 lm	75.6	4046.057.xLL
845	White Black	33.0 W	2 382 lm	72.2	4046.085.xLL
1125	White Black	45.0 W	3 176 lm	70.6	4046.113.xLL
1405	White Black	57.0 W	3 970 lm	69.6	4046.141.xLL
1685	White Black	69.0 W	4 763 lm	69.0	4046.169.xLL
1965	White Black	84.0 W	5 557 lm	66.2	4046.197.xLL

OPTIONAL EMERGENCY KIT



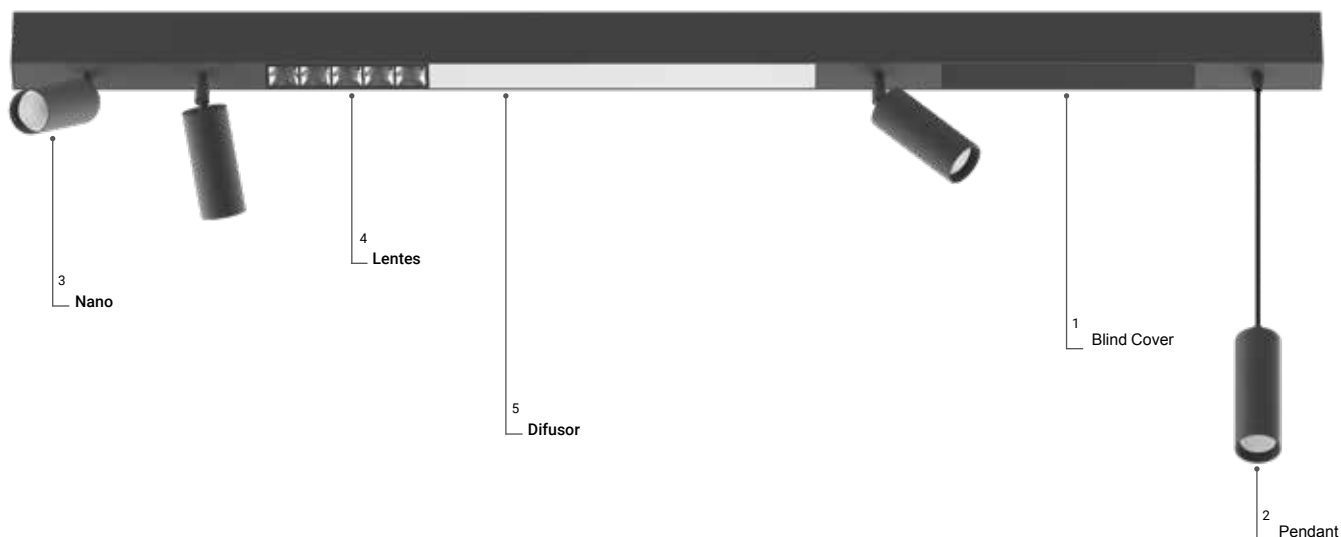
These electrical components can be included from 710mm. Estos

ENERGY EFFICIENCY

This product contains a light source of energy efficiency class C (929002121206).

Modular

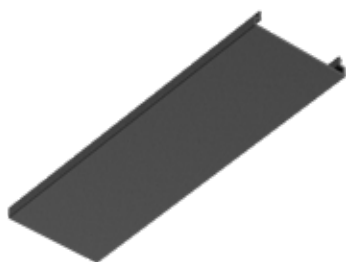
Conjugation Example



The modules presented allow to distribute the luminosity answering to different applications and needs. They can be combined with each other or applied individually. The versatility inherent in this type of luminaire allows the creation of customizable continuous lines.

The combinations and quantity of modules are defined by the customer when placing an order, adding the codes of the desired accessories and their distribution to the profile code. These combinations are subject to indications and possible changes. Several combinations mean more than one remote driver included. The minimum size for combinations is 560mm.

1. Blind Cover

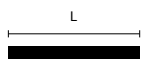


The blind cover is a module embedded in the profile, without light projection, which allows the combination of shadows and lights when grouped with other modules.

COLORS

- 1** White (4046.Dxx.1NX)
- 2** Gray (4046.Dxx.2NX)
- 7** Graphite (4046.Dxx.7NX)
- 9** Black 4046.Dxx.9NX)
- 0** RAL on request (on request)

TECHNICAL DRAWING .



4046.Dxx.xNX		
L (mm)	Finishing	Code
140	White Black	4046.D14.xNX
280	White Black	4046.D28.xNX
560	White Black	4046.D56.xNX
1120	White Black	4046.D12.xNX

2. Pendant



Suspended module with downward light projection. Aluminum body with fabric suspension cable. This luminaire allows you to accentuate details creating visual highlights.

NORMS

Norms: EN 60598-1:2015, EN 60598-2-1:2012, IEC 60529

Directives: 2012/19/UE REEE, 2014/30/UE Electromagnetic Compatibility, 2014/35/UE Low Voltage

ELECTRICAL SYSTEM



POWER SUPPLY

DRIVER 220-240VAC · 50/60Hz · 250mA

SOURCE OF LIGHT

LED

50.000 h · Ta -30°C a 65°C · CRI >80 · 23°

2700K (4046.Pxx.xT2) 3000K (4046.Pxx.xT3) 4000K (4046.Pxx.xT4)

APPLICATION | DIRECTION



Suspended application | Downward light projection

COLORS

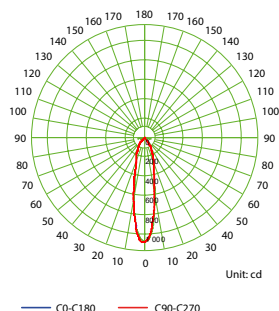
- xXL
- 1 White (4046.Dxx.1NX)
 - 2 Gray (4046.Dxx.2NX)
 - 7 Graphite (4046.Dxx.7NX)
 - 9 Black 4046.Dxx.9NX)
 - 0 RAL on request (on request)

FINISHES

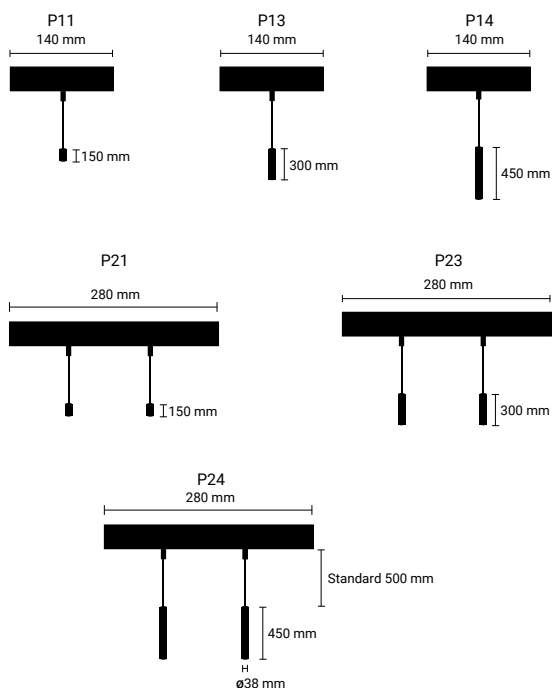
.xTL  Transparent

PHOTOMETRY

Luminous Intensity Distribution Curve - 4046.P11.xTL

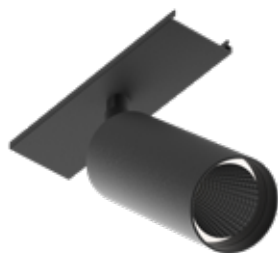


TECHNICAL DRAWING



4046.Pxx.xTL				
Total Power	Output Lumens	Lm/W	Finishing	Code
4.5W	336 lm	74.8	Color	4046.P11.xTL
4.5W	336 lm	74.8	Color	4046.P13.xTL
4.5W	336 lm	74.8	Color	4046.P14.xTL
(2x) 4.5W	(2x) 336 lm	74.8	Color	4046.P21.xTL
(2x) 4.5W	(2x) 336 lm	74.8	Color	4046.P23.xTL
(2x) 4.5W	(2x) 336 lm	74.8	Color	4046.P24.xTL

3. Projector



Surface module with adjustable light projection up to 90° on a horizontal axis and 330° on a vertical axis. Ideal for highlighting certain areas or creating bright spots. Aluminum body.

NORMS

Norms: EN 60598-1:2015, EN 60598-2-1:2012, IEC 60529

Directives: 2012/19/UE REEE, 2014/30/UE Electromagnetic Compatibility,

2014/35/UE Low Voltage, 2011/65/UE RoHS 2, 2009/125/CE Ecodesign

ELECTRICAL SYSTEM



POWER SUPPLY

DRIVER 220-240V · 50/60Hz · 100/250mA

SOURCE OF LIGHT

LED

50.000 h · Ta -30°C a 65°C · CRI >80 · 23° ·

2700K (4046.Nxx.xT2) **3000K** (4046.Nxx.xT3) **4000K** (4046.Nxx.xT4)

COLORS

- 1** White (4046.Dxx.1NX)
- 2** Gray (4046.Dxx.2NX)
- 7** Graphite (4046.Dxx.7NX)
- 9** Black 4046.Dxx.9NX)
- 0** RAL on request (on request)

FINISHES

.xTL **T** Transparent

TECHNICAL DRAWING



4046.Nxx.xTL				
Total Power	Output Lumens	Lm/W	Finishing	Code
4.5 W	336 lm	74.8	Color	4046.N14.xTL
(2x) 4.5 W	(2x) 336 lm	74.8	Color	4046.N28.xTL

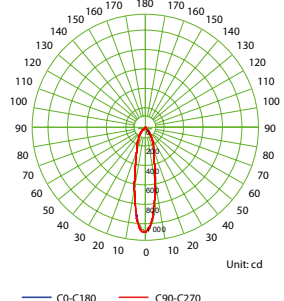
APPLICATION | DIRECTION



Surface projector | Orientable light projection

PHOTOMETRY

Luminous Intensity Distribution Curve - 4046.N14.xTL



The images presented are merely illustrative. The measures of the technical drawings may vary by ± 3 millimetres. The power and luminous flux values described are always the values indicated by the light source supplier.

4. Lenses



Lenses module recessed in the profile, with downward light projection.

NORMS

Norms: EN 60598-1:2015, EN 60598-2-2:2012, IEC 60529

Directives: 2012/19/UE REEE, 2014/30/UE Electromagnetic Compatibility,
2014/35/UE Low Tension, 2011/65/UE RoHS 2, 2009/125/CE Ecodesign

ELECTRICAL SYSTEM



POWER SUPPLY

DRIVER 220-240VAC · 50/60Hz · 350mA

SOURCE OF LIGHT

LED MODULE
∠ 18.3°

2700K **3000K** **4000K**
(4046.L28.xT2) (4046.L28.xT3) (4046.L28.xT4)

COLORS

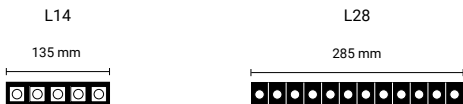
xTL **1** White .(4046.Lxx.1TL)
 9 Black (4046.Lxx.9TL)

APPLICATION | DIRECTION



Recessed application without rim | Downward light projection

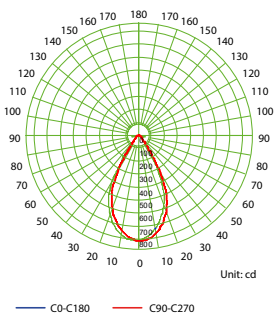
TECHNICAL DRAWING



4046.L28.xTL				
Total Power	Output Lumens	Lm/W	Finishing	Code
12.2 W	372 lm	30.5	White Black	4046.L14.xTL
10.7 W	794 lm	74.4	White Black	4046.L28.xTL

PHOTOMETRY

Luminous Intensity Distribution Curve - 4046.L28.xTL



The images presented are merely illustrative. The measures of the technical drawings may vary by ± 3 millimetres. The power and luminous flux values described are always the values indicated by the light source supplier.