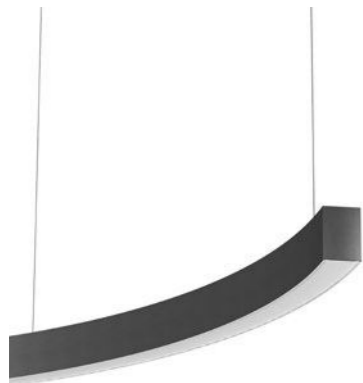


ID CODE: 89



PHORMA

Design: Esse-Ci



PHORMA is the new system developed to create **free compositions**.

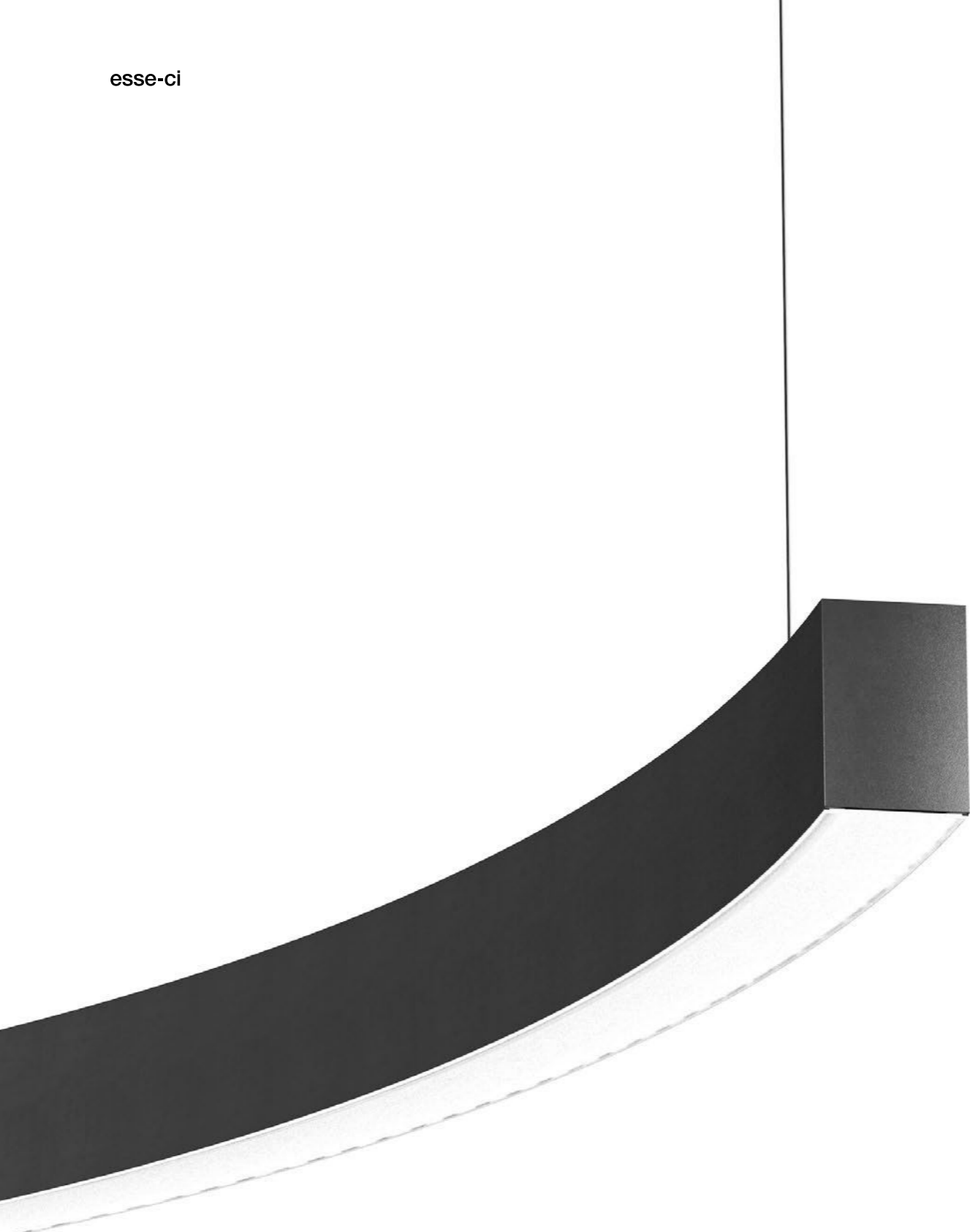
With PHORMA it is possible to easily create perimeters that are modulated on the geometry of an environment or a furniture and that perfectly illuminate thanks to **PG optics with diffused emission** or **DPL with controlled UGR**. Available both in direct and double emission (direct/indirect) version.







ID CODE: 89

PHORMA






SPECIFICATIONS



FEATURES

-  Direct Emission
-  Direct/Indirect Emission
-  UGR <19;<22
-  IP 40





LED

-  3000K/4000K
- >107 lm/W icon" data-bbox="655 515 670 535"/> >107 lm/W
-  CRI >90
-  Eye safety: RG0/RG1
-  Mac Adams 3
-  L80/B10 >50.000h

CERTIFICATIONS

-  CE
-  A+
-  5 years warranty

ON REQUEST

-  DALI - RDD code*
-  Bluetooth - BT code*
-  Emergency kit 1/3 hour - EM/EM 3h code*
-  2700K

*verify the version

- Specifications**
- Built-in driver in linear elements
 - Driver included (not built-in) in curved elements
- Optics**
- PG diffuser for soft diffusion with UGR<22
 - DPL diffuser for homogeneous and controlled emission UGR<19

- Body**
- Manufactured from extruded aluminum with epoxy powder coating.
- Colour**
- White RAL 9003 wrinkled - Code: B
 - Black RAL 9005 wrinkled - Code: C8

PHORMA LINE PG

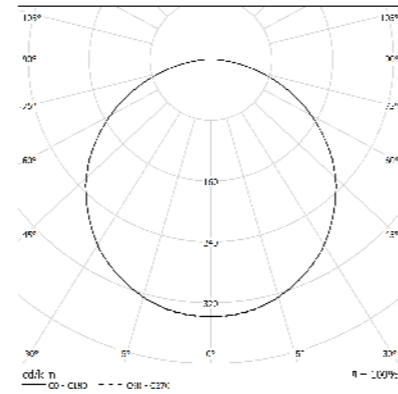
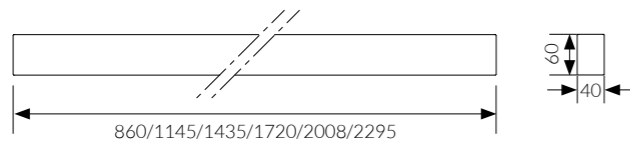
OPTIC

Methacrylate satin diffuser for soft diffusion with UGR<22.

Built-in driver. End caps not included (See accessories on p. 16).



IP 40 A+



COLOUR TEMPERATURE 4000K			
COD	W	lm	mm
89PG12L49L	12W	1326	860
89PG16L49L	16W	1768	1145
89PG20L49L	20W	2210	1435
89PG24L49L	24W	2652	1720
89PG28L49L	28W	3090	2008
89PG32L49L	32W	3536	2295

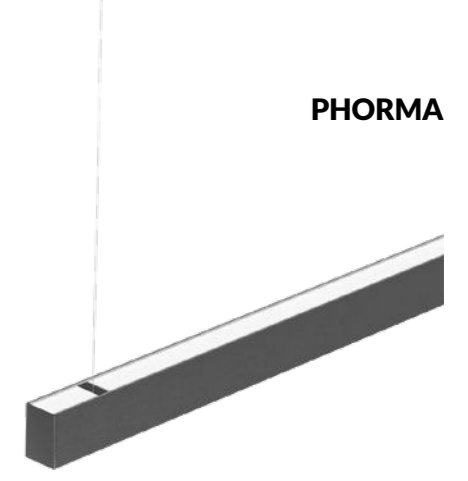
3000K			
COD	W	lm	mm
89PG12L39L	12W	1296	860
89PG16L39L	16W	1728	1145
89PG20L39L	20W	2160	1435
89PG24L39L	24W	2592	1720
89PG28L39L	28W	3020	2008
89PG32L39L	32W	3456	2295

PHORMA LINE PG DOUBLE EMISSION

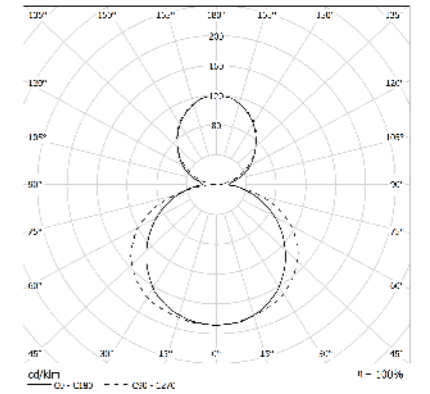
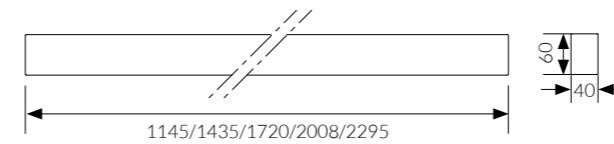
OPTIC

Methacrylate satin diffuser for soft diffusion with UGR<22. Direct/Indirect emission.

Built-in driver. End caps not included (See accessories on p. 16).



IP 40 A+



DIRECT// INDIRECT EMISSION

mm	Direct Mode Power	Indirect Mode Power
1145	16W	4W
1435	20W	9W
1720	24W	13W
2008	28W	17W
2295	32W	20W

COLOUR TEMPERATURE 4000K			
COD	W	lm	mm
89DI20PGL49L	20W	2089	1145
89DI29PGL49L	29W	2958	1435
89DI37PGL49L	37W	3774	1720
89DI45PGL49L	45W	4606	2008
89DI52PGL49L	52W	5323	2295

3000K			
COD	W	lm	mm
89DI20PGL39L	20W	2032	1145
89DI29PGL39L	29W	2871	1435
89DI37PGL39L	37W	3363	1720
89DI45PGL39L	45W	4472	2008
89DI52PGL39L	52W	5168	2295

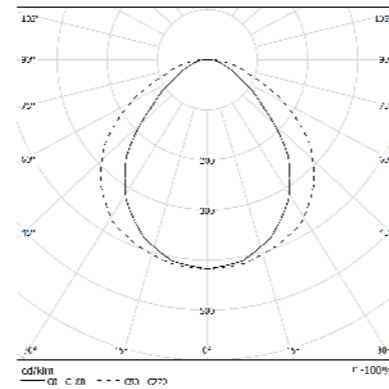
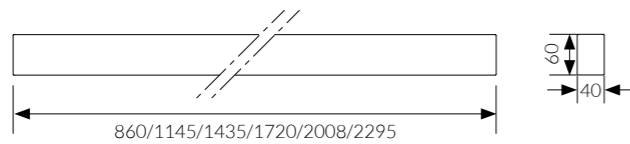
PHORMA LINE DPL

OPTIC

Diffuser in DPL (Diamond Prism LED) technology with UGR<19 for projects with display screen equipment.

Built-in driver. End caps not included (See accessories on p. 16).

IP 40 A'



COLOUR TEMPERATURE 4000K			
COD	W	lm	mm
89DPL12L49L	12W	1254	860
89DPL16L49L	16W	1673	1145
89DPL20L49L	20W	2091	1435
89DPL24L49L	24W	2509	1720
89DPL28L49L	28W	2923	2008
89DPL32L49L	32W	3345	2295

3000K			
COD	W	lm	mm
89DPL12L39L	12W	1226	860
89DPL16L39L	16W	1635	1145
89DPL20L39L	20W	2043	1435
89DPL24L39L	24W	2452	1720
89DPL28L39L	28W	2857	2008
89DPL32L39L	32W	3269	2295

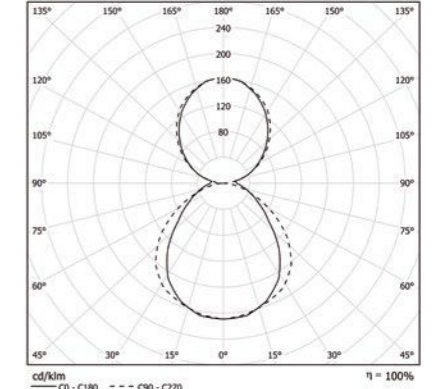
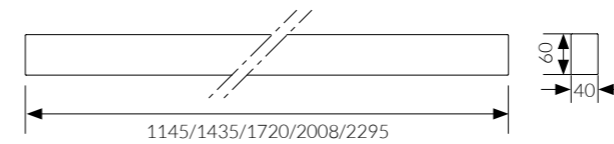
PHORMA LINE DPL DOUBLE EMISSION

OPTIC

Diffuser in DPL (Diamond Prism LED) technology with UGR<19 for projects with display screen equipment. Direct/Indirect emission.

Built-in driver. End caps not included (See accessories on p. 16).

IP 40 A'



DIRECT // INDIRECT EMISSION

mm	Direct Mode Power	Indirect Mode Power
1145	16W	4W
1435	20W	9W
1720	24W	13W
2008	28W	17W
2295	32W	20W

COLOUR TEMPERATURE 4000K			
COD	W	lm	mm
89DI20DPLL49L	20W	2008	1145
89DI29DPLL49L	29W	2843	1435
89DI37DPLL49L	37W	3627	1720
89DI45DPLL49L	45W	4426	2008
89DI52DPLL49L	52W	5115	2295

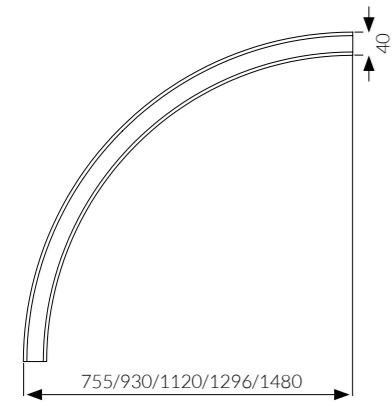
3000K			
COD	W	lm	mm
89DI20DPLL39L	20W	1953	1145
89DI29DPLL39L	29W	2759	1435
89DI37DPLL39L	37W	3232	1720
89DI45DPLL39L	45W	4298	2008
89DI52DPLL39L	52W	4966	2295

PHORMA CURVE PG

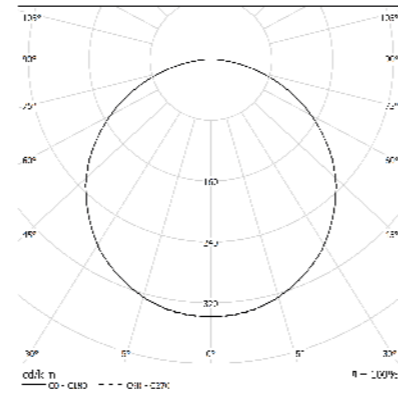
OPTIC

Methacrylate satin diffuser for soft diffusion with UGR<22.

Driver not included: to be placed on PHORMA LINE body or to be remote.
End caps not included (See accessories on p. 16).



IP 40 A+



COLOUR TEMPERATURE

4000K

COD	💡	lm	mm
89PG16L49C	16W	1768	755
89PG20L49C	20W	2210	930
89PG24L49C	24W	2652	1120
89PG28L49C	28W	3094	1296
89PG32L49C	32W	3536	1480

3000K

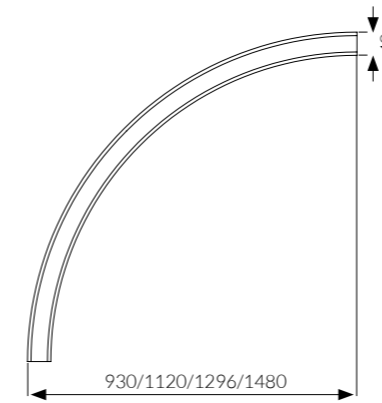
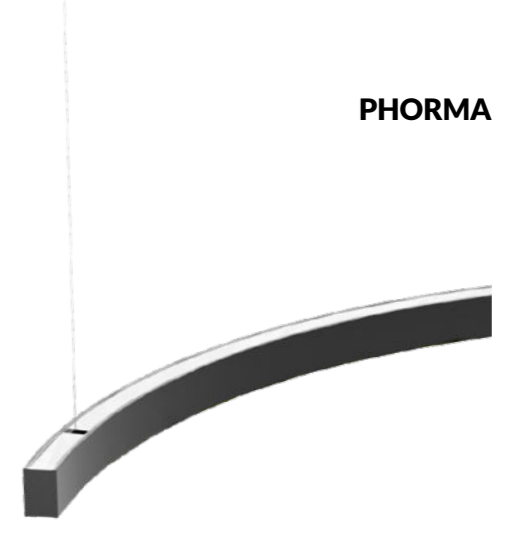
COD	💡	lm	mm
89PG16L39C	16W	1728	755
89PG20L39C	20W	2160	930
89PG24L39C	24W	2592	1120
89PG28L39C	28W	3024	1296
89PG32L39C	32W	3456	1480

PHORMA CURVE PG DOUBLE EMISSION

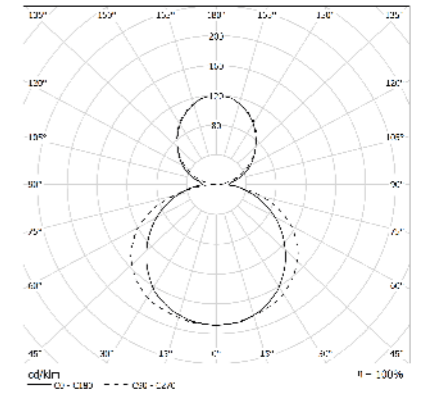
OPTIC

Methacrylate satin diffuser for soft diffusion with UGR<22. Direct/Indirect emission.

Driver not included: to be placed on PHORMA LINE body or to be remote.
End caps not included (See accessories on p. 16).



IP 40 A+



DIRECT // INDIRECT EMISSION

mm	Direct Mode Power	Indirect Mode Power
930	20W	5W
1120	24W	8W
1296	28W	10W
1480	32W	13W

COLOUR TEMPERATURE

4000K

COD	💡	lm	mm
89DI25PGL49C	25W	2489	930
89DI32PGL49C	32W	3186	1120
89DI38PGL49C	38W	3784	1296
89DI45PGL49C	45W	4481	1480

3000K

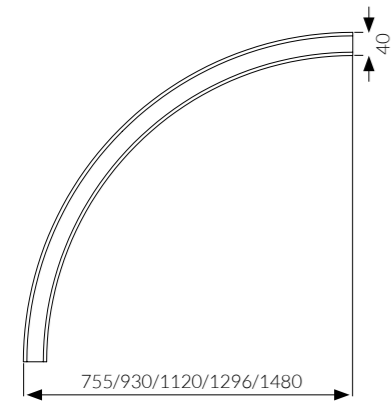
COD	💡	lm	mm
89DI25PGL39C	25W	2411	930
89DI32PGL39C	32W	3086	1120
89DI38PGL39C	38W	3664	1296
89DI45PGL39C	45W	4339	1480

PHORMA CURVE DPL

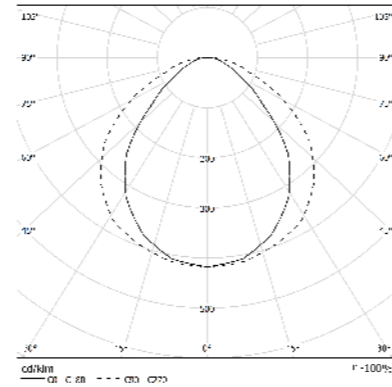
OPTIC

Diffuser in DPL (Diamond Prism LED) technology with UGR<19 for projects with display screen equipment.

Driver not included: to be placed on PHORMA LINE body or to be remote.
End caps not included (See accessories on p. 16).



IP 40 A'

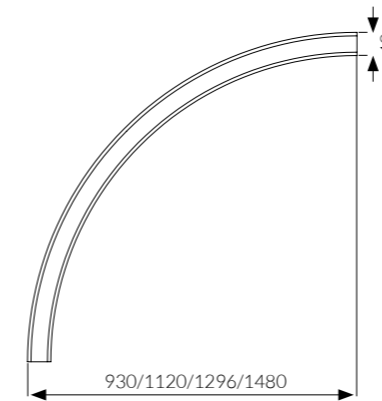


PHORMA CURVE DPL DOUBLE EMISSION

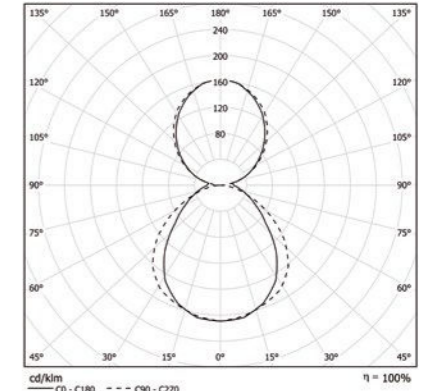
OPTIC

Diffuser in DPL (Diamond Prism LED) technology with UGR<19 for projects with display screen equipment.
Direct/Indirect emission.

Driver not included: to be placed on PHORMA LINE body or to be remote.
End caps not included (See accessories on p. 16).



IP 40 A'



COLOUR TEMPERATURE

4000K

COD	💡	lm	mm
89DPL16L49C	16W	1673	755
89DPL20L49C	20W	2091	930
89DPL24L49C	24W	2509	1120
89DPL28L49C	28W	2927	1296
89DPL32L49C	32W	3345	1480

3000K

COD	💡	lm	mm
89DPL16L39C	16W	1635	755
89DPL20L39C	20W	2043	930
89DPL24L39C	24W	2452	1120
89DPL28L39C	28W	2861	1296
89DPL32L39C	32W	3269	1480

DIRECT // INDIRECT EMISSION

mm	Direct Mode Power	Indirect Mode Power
930	20W	5W
1120	24W	8W
1296	28W	10W
1480	32W	13W

COLOUR TEMPERATURE

4000K

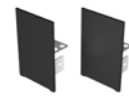
COD	💡	lm	mm
89DI25DPLL49C	25W	2404	930
89DI32DPLL49C	32W	3077	1120
89DI38DPLL49C	38W	3654	1296
89DI45DPLL49C	45W	4327	1480

3000K

COD	💡	lm	mm
89DI25DPLL39C	25W	2327	930
89DI32DPLL39C	32W	2979	1120
89DI38DPLL39C	38W	3538	1296
89DI45DPLL39C	45W	4189	1480

ID CODE: 89

ACCESSORIES



89AA09

End caps kit.



00AA16
00AA165P
00AA167P

3, 5, 7 poles-ceiling rose power cable.
Cable length 2000mm.



89AA13

Suspension kit, cable length 1500mm.



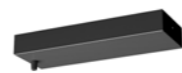
89AA1330

Suspension kit, cable length 3000mm.



89AA14

Ceiling mounting kit.



89AA165P

Box driver for individually installed curved versions, 5 poles, cable length 3000mm.



89AAxxxxyyCC

Curved-curved concave joint.
Indicate the x and y radius of the elements to be joined.



89AAxxxxyyCS

Curved-curved convex joint.
Indicate the x and y radius of the elements to be joined.



89AAxxxCL

Curved-line joint.
Indicate the x radius of the curved element to be joined.



89AA11M

Line-line joint.

TECHNICAL NOTE

CODE CREATION FOR CURVED-CURVED JOINTS:

1) Define the radii of the 2 elements to be joined:

Es: 89PG20L49C has radius **930 mm**

89PG28L49C has radius **1296 mm**

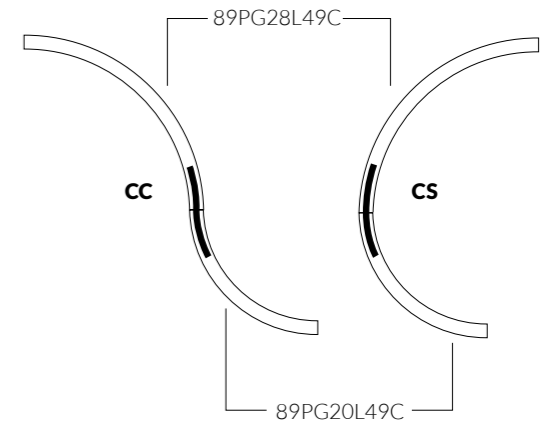
2) Define whether the joint is concave (**CC**) or convex (**CS**)

3) Create the code as follows, first placing the minor radius

and then the major::

89AA9301296CC (if concave)

89AA9301296CS (if convex)



SOME EXAMPLES OF REALIZABLE COMPOSITIONS:

