

PHORMA

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 89



esse-ci

FEATURES

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

LED

-  3000K/4000K
-  >107 lm/W
-  CRI >90
-  Eye safety: RG0/RG1
-  Mac Adams 3
-  L80/B10 >50.000h

CERTIFICATIONS

-  EEA Conformity
-  Energy efficiency
-  5 years warranty

ON REQUEST

-  DALI - code D
-  Bluetooth - code BT*
-  Emergency 1 hr - code EM*
Emergency 3 hrs - code EM3R*
-  2700K - code K27*

SPECIFICATIONS

Driver integrated in the linear elements.
Driver included (but not integrated) in the curved elements.
PG diffuser in satin methacrylate for homogeneous UGR <22.
DPL diffuser with homogeneous and controlled emission UGR <19.

BODY

Aluminum with epoxy powder coating.

COLORS

White RAL 9003 wrinkled
- code B
Black RAL 9005 wrinkled
- code C8

* Where available

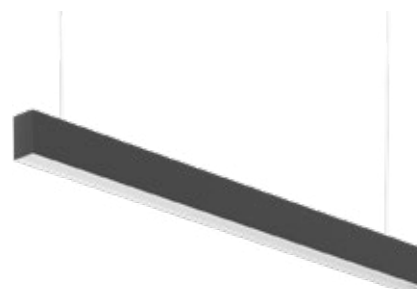
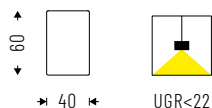
PHORMA LINE PG

Accessories on page 43.

IP 40

Satin methacrylate diffuser for soft diffusion with UGR<22.

Built-in Driver. End caps not included.



Cod. 4000K		lm	L mm
89PG12K4L	12W	1326	860
89PG16K4L	16W	1768	1145
89PG20K4L	20W	2210	1435
89PG24K4L	24W	2652	1720
89PG28K4L	28W	3090	2008
89PG32K4L	32W	3536	2295

Cod. 3000K		lm	L mm
89PG12K3L	12W	1296	860
89PG16K3L	16W	1728	1145
89PG20K3L	20W	2160	1435
89PG24K3L	24W	2592	1720
89PG28K3L	28W	3020	2008
89PG32K3L	32W	3456	2295

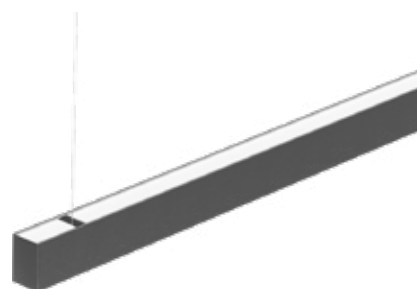
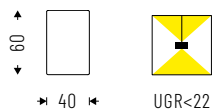
PHORMA LINE PG DOUBLE EMISSION

Accessories on page 43.

IP 40

Satin methacrylate diffuser for soft diffusion with UGR<22. Double emission: direct/indirect.

Built-in Driver. End caps not included.



Cod. 4000K		lm	L mm
89DI24PGK4L	24W: 16W+8W	2608	1145
89DI28PGK4L	28W: 20W+8W	3050	1435
89DI32PGK4L	32W: 24W+8W	3492	1720
89DI36PGK4L	36W: 28W+8W	3930	2008
89DI48PGK4L	48W: 32W+16W	5180	2295

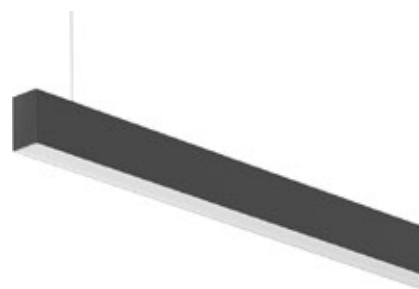
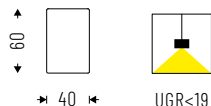
Cod. 3000K		lm	L mm
89DI24PGK3L	24W: 16W+8W	2543	1145
89DI28PGK3L	28W: 20W+8W	2975	1435
89DI32PGK3L	32W: 24W+8W	3407	1720
89DI36PGK3L	36W: 28W+8W	3835	2008
89DI48PGK3L	48W: 32W+16W	5051	2295

PHORMA LINE DPL

Accessories on page 43.

IP 40

DPL Diffuser with Diamond Prism LED technology (UGR<19) for environments with display screen equipment. *Built-in Driver. End caps not included.*



Cod. 4000K		lm	L mm
89DPL12K4L	12W	1254	860
89DPL16K4L	16W	1673	1145
89DPL20K4L	20W	2091	1435
89DPL24K4L	24W	2509	1720
89DPL28K4L	28W	2923	2008
89DPL32K4L	32W	3345	2295

Cod. 3000K		lm	L mm
89DPL12K3L	12W	1226	860
89DPL16K3L	16W	1635	1145
89DPL20K3L	20W	2043	1435
89DPL24K3L	24W	2452	1720
89DPL28K3L	28W	2857	2008
89DPL32K3L	32W	3269	2295

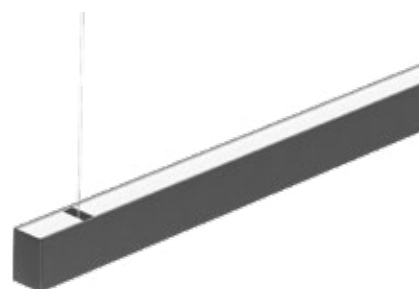
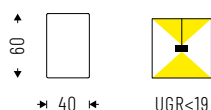
PHORMA LINE DPL DOUBLE EMISSION

Accessories on page 43.

IP 40

DPL Diffuser with Diamond Prism LED technology (UGR<19) for environments with display screen equipment. Double emission: direct/indirect.

Built-in Driver. End caps not included.



Cod. 4000K		lm	L mm
89DI24DPLK4L	24W: 16W+8W	2513	1145
89DI28DPLK4L	28W: 20W+8W	2931	1435
89DI32DPLK4L	32W: 24W+8W	3349	1720
89DI36DPLK4L	36W: 28W+8W	3763	2008
89DI48DPLK4L	48W: 32W+16W	4989	2295

Cod. 3000K		lm	L mm
89DI24DPLK3L	24W: 16W+8W	2450	1145
89DI28DPLK3L	28W: 20W+8W	2858	1435
89DI32DPLK3L	32W: 24W+8W	3267	1720
89DI36DPLK3L	36W: 28W+8W	3672	2008
89DI48DPLK3L	48W: 32W+16W	4864	2295

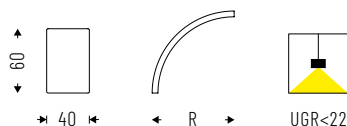
PHORMA CURVE PG

Accessories on page 43.

IP 40

Satin methacrylate diffuser for soft diffusion with UGR<22.

Driver NOT built-in: to be placed on PHORMA LINE or remotely.
End caps not included.



Cod. 4000K	Icon	Im	R mm
89PG16K4C	16W	1768	755
89PG20K4C	20W	2210	930
89PG24K4C	24W	2652	1120
89PG28K4C	28W	3094	1296
89PG32K4C	32W	3536	1480



Cod. 3000K	Icon	Im	R mm
89PG16K3C	16W	1728	755
89PG20K3C	20W	2160	930
89PG24K3C	24W	2592	1120
89PG28K3C	28W	3024	1296
89PG32K3C	32W	3456	1480

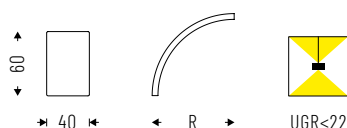
PHORMA CURVE PG DOUBLE EMISSION

Accessories on page 43.

IP 40

Satin methacrylate diffuser for soft diffusion with UGR<22. Double emission: direct/indirect.

Driver NOT built-in: to be placed on PHORMA LINE or remotely.
End caps not included.



Cod. 4000K	Icon	Im	R mm
89DI28PGK4C	28W: 20W+8W	3050	930
89DI32PGK4C	32W: 24W+8W	3492	1120
89DI36PGK4C	36W: 28W+8W	3934	1296
89DI48PGK4C	48W: 32W+16W	5279	1480



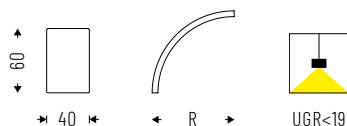
Cod. 3000K	Icon	Im	R mm
89DI28PGK3C	28W: 20W+8W	2975	930
89DI32PGK3C	32W: 24W+8W	3407	1120
89DI36PGK3C	36W: 28W+8W	3839	1296
89DI48PGK3C	48W: 32W+16W	5051	1480

PHORMA CURVE DPL

IP 40

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

Driver NOT built-in: to be placed on PHORMA LINE or remotely.
End caps not included.



Cod. 4000K	Icon	lm	R mm
89DPL16K4C	16W	1673	755
89DPL20K4C	20W	2091	930
89DPL24K4C	24W	2509	1120
89DPL28K4C	28W	2927	1296
89DPL32K4C	32W	3345	1480

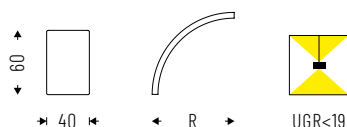
Cod. 3000K	Icon	lm	R mm
89DPL16K3C	16W	1635	755
89DPL20K3C	20W	2043	930
89DPL24K3C	24W	2452	1120
89DPL28K3C	28W	2861	1296
89DPL32K3C	32W	3269	1480

PHORMA CURVE DPL DOUBLE EMISSION

IP 40

DPL Diffuser with Diamond Prism LED technology (UGR<19) for environments with display screen equipment.
Double emission: direct/indirect.

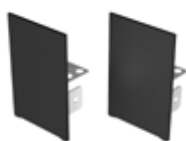
Driver NOT built-in: to be placed on PHORMA LINE or remotely.
End caps not included.



Cod. 4000K	Icon	lm	R mm
89DI28DPLK4C	28W: 20W+8W	2931	930
89DI32DPLK4C	32W: 24W+8W	3349	1120
89DI36DPLK4C	36W: 28W+8W	3763	1296
89DI48DPLK4C	48W: 32W+16W	4989	1480

Cod. 3000K	Icon	lm	R mm
89DI28DPLK3C	28W: 20W+8W	2858	930
89DI32DPLK3C	32W: 24W+8W	3267	1120
89DI36DPLK3C	36W: 28W+8W	3672	1296
89DI48DPLK3C	48W: 32W+16W	4864	1480

ACCESSORIES



End caps kit.
(Add + 4 mm to body length)

89AA09



3 - 5 - 7 poles ceiling
power box.
Cable length 2000mm.

00AA16
00AA165P
00AA167P



Single adjustable
suspension kit
Length: 1500 / 3000mm.

89AA13
89AA1330



Ceiling mount kit.

89AA14



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

89AAxxyyCC



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

89AAxxyyCS



Curved-Line
joint. Indicate the x
radius of the elements
to be joined.

89AAxxCL



Line-Line joint.

89AA11M

TECHNICAL NOTES



CODE CREATION FOR CURVED-CURVED JOINTS:

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

e.g: 89PG20K4C with radius **930 mm**
89PG28K4C with 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)

