davide groppi

NULLA

Assenza ed essenza di luce. / Absence and essence of light.

NULLA

Nulla è un lavoro estremo di sottrazione che unisce elettronica e ottica, verso la sfida finale: l'assenza del supporto, l'essenza della luce.
Nel 2010 è stata la prima a cogliere la mono-dimensionalità dei LED.

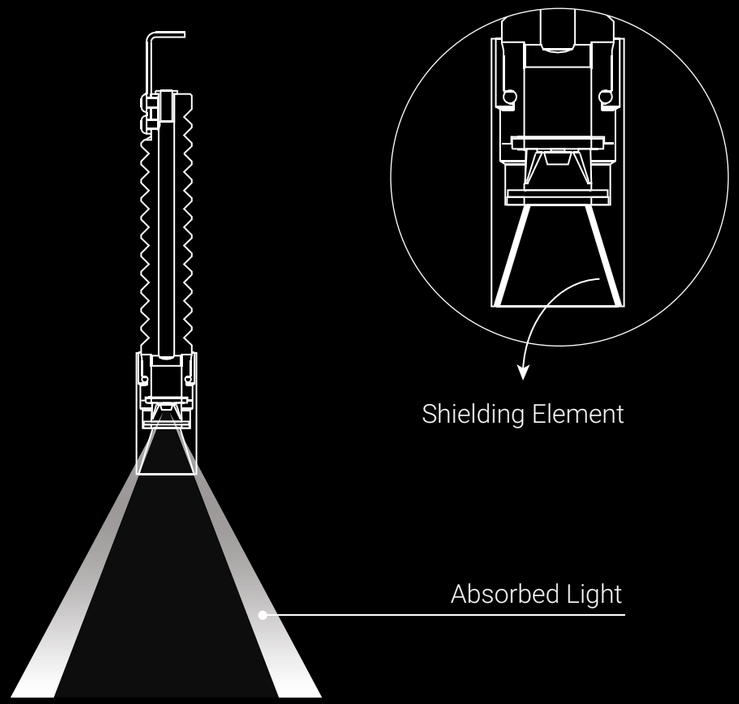
Nulla è un progetto che rappresenta contemporaneamente l'inizio e la fine del mio lavoro sulla luce.
L'inizio perché da sempre cerco la luce assoluta, la fine perché rappresenta comunque la sintesi più totale del mio lavoro.
È la più generosa delle lampade, quella che si nasconde al solo scopo di regalare la scena al soggetto illuminato.

Compasso d'Oro ADI Award, 2014

Nulla is an extreme expression of subtraction,
uniting optics and electronics as an answer to the ultimate challenge:
the absence of structural support, the essence of light.
In 2010, Nulla was the first to grasp the mono-dimensionality of LEDs.

Nulla is a project that represents both the beginning and the end of my work on light.
It's the beginning, in the sense that I have always been looking for absolute light, it's the end because it represents the total synthesis of my work.It is the most generous of my lamps. Its sole objective is to hide and give all the attention to whatever it is lighting.

Nulla Extradark è la magia più grande. / Nulla Extradark is the greatest magic.



Il sistema **Extradark** è l'unione di un'ottica TIR in PMMA ottico a un elemento che scherma geometricamente l'angolo di visione del fascio luminoso ottenendo un'elevata uniformità di illuminamento e il pieno controllo dell'emissione. L'elemento ottico schermante, con finitura nero lucido, permette di controllare la riflessione speculare della luce e quindi di controllare in maniera perfetta l'indice di abbagliamento (UGR* < 19).

**L'acronimo UGR sta per Unified Glare Rating, ossia l'indice unificato di abbagliamento luminoso di tipo molesto. Questo indice è oggetto di norme nazionali ed europee che ne stabiliscono i limiti consentiti negli ambienti lavorativi.*

The **Extradark** system associates an optical TIR PMMA lens to an element that geometrically shields the light beam viewing angle to obtain highly uniform lighting and full beam control.
The polished black light shield is used to control the mirror reflection of the light, perfectly controlling the unified glare rating (UGR* < 19).

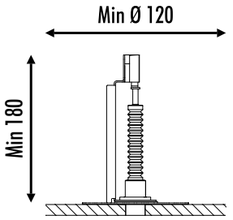
** UGR stands for Unified Glare Rating. The rating is subject to national and European standards that set the permitted limits in working environments.*

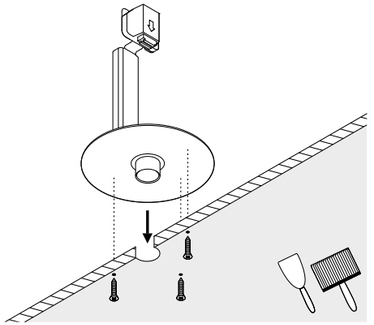
Ø 18 mm

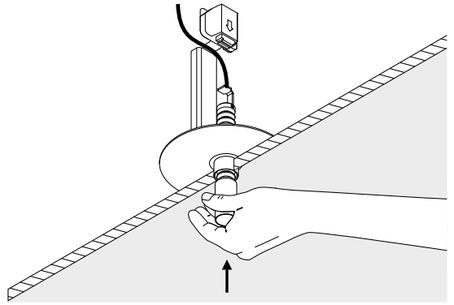
NULLA 18 EXTRADARK
Design Davide Groppi

24 V DC - 4,5 W LED
2700K - 174 lm - CRI>90
3000K - 186 lm - CRI>90

Apparecchio estraibile
Luminaire removable







NULLA 18 EXTRADARK

Ø 25 mm

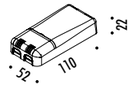
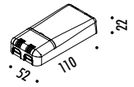
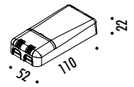
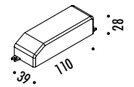
NULLA 25 EXTRADARK
Design Davide Groppi

24 V DC - 9 W LED
2700K - 679 lm - CRI>90
3000K - 730 lm - CRI>90

Apparecchio estraibile
Luminaire removable

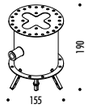
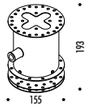
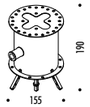
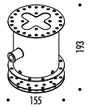
NULLA 25 EXTRADARK

DRIVER LED / LED DRIVERS

	CODE	POWER	INPUT	OUTPUT	DIMMING	PROTECT.	PRODUCT REFERENCE
	**1Z0240870.24**	(15 W) 20 W	(110-127 V) 220-240 V - 50/60 Hz	24 V DC	PUSH - 1-10 V	IP20	**NULLA 18 EXTRADARK** **NULLA 25 EXTRADARK**
	**1Z0241180.24**	(15 W) 16 W	(110-127 V) 220-240 V - 50/60 Hz	24 V DC	DALI	IP20	**NULLA 18 EXTRADARK** **NULLA 25 EXTRADARK**
	**1Z0240850.24**	20 W	220-240 V - 50/60 Hz	24 V DC	TRIAC	IP20	**NULLA 18 EXTRADARK** **NULLA 25 EXTRADARK**
	**1Z0240410.24***	(12 W) 22 W	(110-127 V) 220-240 V - 50/60 Hz	24 V DC	NOT	IP20	**NULLA 18 EXTRADARK** **NULLA 25 EXTRADARK**
	1Z00000340*	CONTROLLER DALI - PUSH - PHASE CUT - 1-10 V DIMMABLE					**NULLA 18 EXTRADARK** **NULLA 25 EXTRADARK**

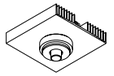
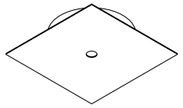
*ONLY FOR US MARKET

KIT INSTALLAZIONE OPZIONALI / OPTIONAL INSTALLATION KITS

	CODE	DESCRIPTION	PRODUCT REFERENCE
	**1A2240000.00.00***	CONCRETE BOX - CASSAFORMA PER CEMENTO ARMATO*	**NULLA 18 EXTRADARK**
	**1A2390000.00.00***	PLASTER BOX - CASSAFORMA PER INTONACO	**NULLA 18 EXTRADARK**
	**1A2230000.00.00***	CONCRETE BOX - CASSAFORMA PER CEMENTO ARMATO	**NULLA 25 EXTRADARK**
	**1A2380000.00.00***	PLASTER BOX - CASSAFORMA PER INTONACO	**NULLA 25 EXTRADARK**

*NOT AVAILABLE FOR US MARKET

NULLA EXTRADARK

	NULLA 18 EXTRADARK	NULLA 25 EXTRADARK	NULLA	NULLA PL
MOUNTING	RECESSED	RECESSED	RECESSED	CEILING
VISIBLE DIMENSIONS	Ø 18	Ø 25	Ø 18	200 x 200 x 43 mm
SPACE FOR MOUNTING	180 mm	180 mm	75 mm	-
SOURCE POWER	4,5 W	9 W	14 W	8,5 W
SOURCE FLUX	174 lm - 186 lm	679 lm - 730 lm	605 lm - 650 lm	460 lm - 495 lm
CRI	>90	>90	>90	>90
CCT	2700K - 3000K	2700K - 3000K	2700K - 3000K	2700K - 3000K
VOLTAGE	24 V DC	24 V DC	24 V DC	100-240 V
DIMMABLE TYPE	DALI / PUSH - 1-10 V / TRIAC	DALI / PUSH - 1-10 V / TRIAC	DALI / PUSH - 1-10 V / TRIAC	NOT

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