

INCASSI  
PROFESSIONALI  
PROFESSIONAL  
DOWNLIGHTS

RA DIXIT LED

Studio Tecnico Ivela

La gamma di incassi professionali **RA Dixit LED** è stata progettata per soddisfare le più diverse esigenze illuminotecniche, in particolare per l'applicazione in centri commerciali, negozi e uffici.

Si tratta di una linea di apparecchi completa e versatile, dalle notevoli prestazioni e comfort visivo, che impiega LED ad alta efficienza di ultima generazione caratterizzati da una resa cromatica elevata, con temperatura di colore 3000K.

Tutta la gamma, fino a 9100 lumen, prevede un innovativo sistema di dissipazione termica passiva e ottiche professionali in termoplastico metallizzato a specchio, che offrono un'elevata qualità della luce e un eccellente mantenimento dell'intensità luminosa nel tempo.

Per particolari applicazioni, la gamma offre apparecchi ad altezza molto ridotta o con indice di protezione IP65 e per alcuni, su richiesta, versioni con luci di emergenza o con driver DALI per il controllo dinamico dell'illuminazione.

Tutti gli apparecchi sono forniti completi di driver di alimentazione.

The professional downlights **RA Dixit LED** have been developed to meet the widest range of requirements in lighting design, focusing on key-applications such as retail, shopping centres, malls and offices.

It is a very complete and versatile range of fittings, offering high performance and excellent visual comfort, thanks to the high-efficiency LEDS of last generation with high color rendering and 3000K color temperature.

The whole range, up to 9100 lumen, features an innovative passive heat dissipation system and professional optics in thermoplastic material, mirror-metallized, that ensure a high quality of the light and an excellent stability of the luminous flux over time.

For special applications, this range offers fittings with low installation height or IP65 protection degree, and in some cases on request with emergency pack or with a DALI driver for dynamic lighting control. LED driver is always included.



## MATERIALI E VERSIONI / MATERIALS AND VERSIONS

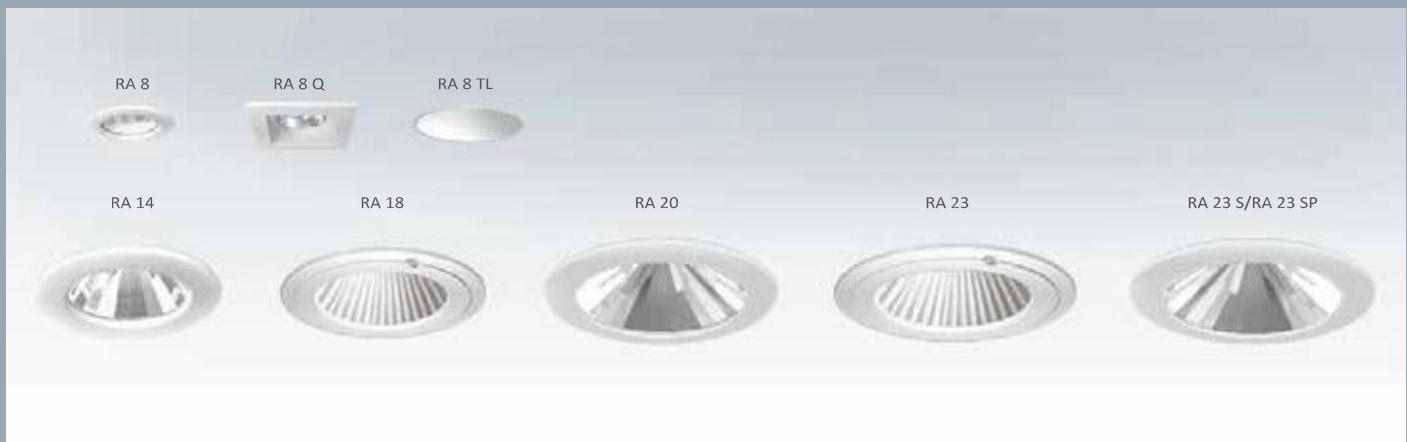
■ Corpo e anello in pressofusione di alluminio verniciato poliestere  
 Ottiche professionali in termoplastico metallizzato a specchio  
 Schermo di chiusura in vetro temprato (4 mm) per RA 14, RA 20, RA 20WW, RA 23S e RA 23SP  
 Schermo di chiusura in policarbonato trasparente per gamma RA 8 e RA 17  
 RA 18 e RA 23 Fortimo non hanno schermo di chiusura  
 Pressacavo PG9 in materiale termoplastico per le versioni IP65

■ Indice di resa cromatica: Ra > 85 (per RA 14, RA 17, RA 20, RA 20WW, RA 23S, RA 23SP)  
 Indice di resa cromatica: Ra > 80 (per gamma RA 8 e per RA 18 / RA 23 Fortimo);  
 Tensione di alimentazione: 220/240V – 50/60Hz

■ Body and bezel in die-cast aluminium, polyester painted  
 Professional optics in thermoplastic material, mirror-metallized  
 Tempered safety glass (4 mm) for RA 14, RA 20, RA 20WW, RA 23S and RA 23SP  
 Closing screen in clear polycarbonate for the RA 8 range and RA 17  
 RA 18 and RA 23 Fortimo are provided without closing screen  
 PG9 cable gland in thermoplastic material for IP65 versions

■ Colour rendering index: Ra > 85 (for RA 14, RA 17, RA 20, RA 20WW, RA 23S, RA 23SP)  
 Colour rendering index: Ra > 80 (for the whole RA 8 range and for RA 18 / RA 23 Fortimo);  
 Supply voltage: 220/240V – 50/60Hz

## INCASSI FISSI / FIXED DOWNLIGHTS



## INCASSI ORIENTABILI ADJUSTABLE DOWNLIGHTS



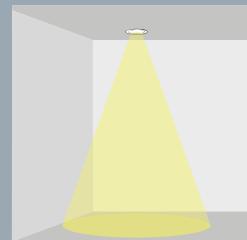
## INCASSI WALL WASHER WALL WASHER DOWNLIGHTS



## TIPOLOGIE DI OTTICHE / OPTIC TYPES



### OTTICA FISSA FIXED OPTIC



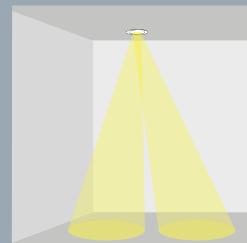
Gli incassi ad ottica fissa sono ideali per illuminare in modo uniforme molteplici ambienti quali uffici, strutture ricettive e di intrattenimento, locali di lavoro in generale ma anche negozi e centri commerciali. La varietà di misure e di fasci di luce degli apparecchi ne permette l'utilizzo per illuminare in modo diretto e ben controllato piccole e grandi superfici.

The downlights with a fixed optic are designed to supply a uniform light for applications such as offices, accommodation facilities, job spaces but also for retail and shopping centers.

The wide range of options available in terms of beams and sizes is ideal for the direct lighting of small and large surfaces, with an effective light control.



### OTTICA OSCILLANTE ADJUSTABLE OPTIC

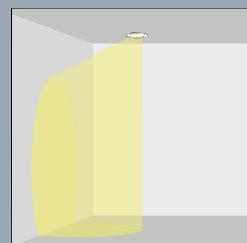


Gli incassi con ottica oscillante permettono di controllare la direzione del flusso luminoso e di mettere in risalto oggetti o dettagli espositivi senza dispersioni di luce, esaltando i particolari con un'efficace illuminazione d'accento.

The downlights with an adjustable optic allow to control the direction of the luminous flux, and to highlight objects or display elements without wasting light, while putting them under the right emphasis by means of an effective accent lighting.



### OTTICA WALL WASHER WALL WASHER OPTIC



Gli incassi wall washer sono caratterizzati dall'asimmetria dell'ottica. Sono ideali per risolvere le esigenze di illuminazione di aree espositive, dove sia richiesta una migliore distribuzione di luce sulle superfici verticali, dal soffitto al pavimento.

With their asymmetric optic, wall washer downlights are the ideal answer to the lighting requirements in exhibition and retail areas, where a better light distribution is required on vertical surfaces, from the ceiling to the floor.

## CARATTERISTICHE ILLUMINOTECNICHE / LIGHTING FEATURES



>110  
LM / W

### Elevato rendimento / High efficiency

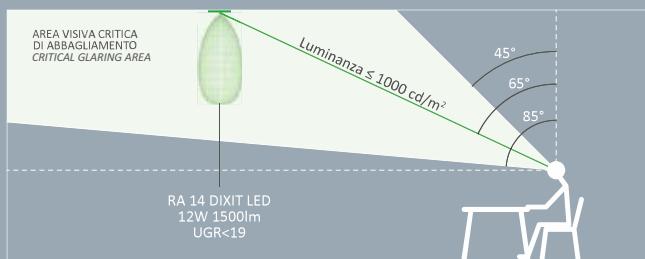
La varietà degli apparecchi della gamma **RA Dixit LED** si caratterizza per un'attenta progettazione delle ottiche, in combinazione con le migliori fonti luminose LED ad alta potenza. Il risultato è una luce omogenea e ben distribuita, oltre ad un rendimento elevato fino a 9100 lumen che, associato al sistema di raffreddamento passivo, consente di ottimizzare costi e prestazioni.

The wide range of the **RA Dixit LED** downlights is characterized by an accurate design of the reflectors, combined with the best high-performance LED sources available. This results in a homogenous and well distributed light, as well as a high efficiency degree up to 9100 lumens. In association with the passive cooling system, this contributes to optimize costs and performance.

### Comfort luminoso / Lighting comfort

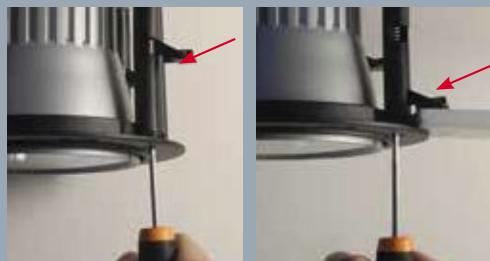
L'elevato rendimento luminoso degli incassi **RA Dixit LED** (mediamente > 85%) si coniuga con contenuti valori di luminanza e bassi livelli di abbagliamento UGR < 19, consentendo un ottimo comfort visivo, idoneo per ambienti dove si fa uso di videoterminali.

The high efficiency of the **RA Dixit LED** downlights (average > 85%) is associated to low luminance and low glare levels UGR < 19, for an excellent visual comfort, ideal in offices where computer-assisted activities are performed.



Reflectancies									
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise							ViewedEndwise	
x=4H y=2H	17.1	17.7	17.5	18.0	18.3	17.1	17.7	17.5	18.0
x=4H y=3H	17.2	17.7	17.6	18.0	18.3	17.2	17.7	17.6	18.0
x=4H y=4H	17.7	18.1	18.1	18.5	18.8	17.7	18.1	18.1	18.5
x=4H y=6H	<b>18.3</b>	18.7	18.7	19.1	19.5	<b>18.3</b>	18.7	18.7	19.1
x=4H y=8H	<b>18.6</b>	18.9	19.0	19.3	19.7	<b>18.6</b>	18.9	19.0	19.3
x=4H y=12H	18.8	19.1	19.3	19.5	19.9	18.8	19.1	19.3	19.9

## INSTALLAZIONE / INSTALLATION



Gli incassi sono molto semplici da installare in controsoffitti con spessore variabile da 1 a 30 mm, anche a doghe.

Il particolare sistema di fissaggio rapido a molle, presente su tutti i modelli (tranne i RA 8), consente di applicare e rimuovere gli apparecchi senza causare danni, anche nel caso di delicate coperture in fibra minerale.

These downlights are very easy to install in false ceilings up to 30 mm thick, including strip ceilings. All the luminaires, except the RA 8 ranges, are fitted with special springs for quick installation or removal, avoiding damages even in case of fragile covers in mineral fibre.

## CARATTERISTICHE ELETTRONICHE / ELECTRONIC FEATURES

### Emergenza / Emergency



Alcune versioni di incassi RA Dixit LED sono dotate di dispositivo di emergenza (su richiesta), con batteria da 3 ore.

Some versions of RA Dixit LED can be equipped with 3 hour emergency pack, on request.



### Dimmerabilità / DALI control

RA 14 / 18 / 20 / 23 Dixit LED possono essere equipaggiati con alimentatore DALI (Digital Adressable Lighting Interface) per il controllo dei tempi di accensione e la gestione del flusso luminoso per ogni singolo punto luce. Versioni disponibili su richiesta.

RA 14 / 18 / 20 / 23 Dixit LED downlights can be supplied with a DALI driver to monitor and control each fitting and its light individually. Available on request.

## LA GAMMA / THE RANGE

L'ampia offerta di incassi, per misura e prestazione, è in grado di soddisfare ogni esigenza di applicazione.

La serie **RA 8**, particolarmente ricca di varianti, è disponibile in differenti versioni: con cornice tonda o quadra, con ottica fissa o oscillante, a ridotta profondità d'incasso, senza cornice e per l'esterno con grado di protezione IP65.

I driver, di serie, per gli incassi da 1000 lumen sono predisposti per essere regolabili sulla fase (230V).

I driver per le versioni da 550 lumen sono predisposti per essere regolabili sia 1-10V che sulla fase (230V).

Our wide range of downlights with their full choice of sizes and powers available can give the right answer to any application need.

The **RA 8 range** in particular offers a complete selection of versions: with round or square bezel, fixed or adjustable, with low recessed height, trimless, and with IP65 protection rating for outdoor.

The 1000 lumen fittings are supplied with drivers that are dimmable on the mains (230V).

The 550 lumen fittings are supplied with drivers both 230V and 1-10V dimmable.

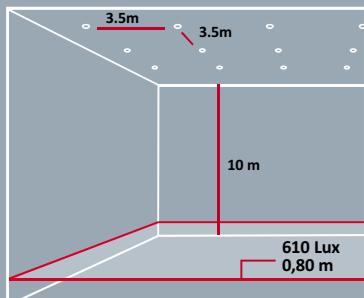


Gli incassi **RA 23S** e **RA 23SP** hanno la perfetta misura per aggiornare, con le nuove tecnologie a LED, gli eventuali preesistenti impianti senza interventi sui controsoffitti.

La versione top di gamma con flusso luminoso di **9100 lumen** e consumo di **74 W** consente una efficiente illuminazione anche in installazioni a grandi altezze.

The **RA 23S** and **RA 23SP** downlights feature the right size to retrofit existing installations with state-of-the-art LED-technology without any changes in the false ceilings

The top-range version features a lumen output of **9100 lm** with a consumption of **74 W**, thus offering an effective solution for lighting in areas with high ceilings.



Applicazione di RA 23SP 9100lm 74W e relativo illuminamento.

Application of RA 23SP 9100lm 74W and pertaining illuminance.



## RA 8 DIXIT LED



Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
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IP44/20

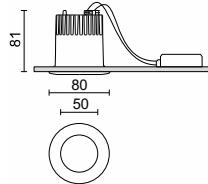
<b>238-240</b>	LED	1000	9,5	3000	24°
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IP65/20

<b>237-240</b>	LED	1000	9,5	3000	24°
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**21**  
Bianco mat  
Mat white

**52**  
Metal  
Silver



∅ 70 mm  
UGR<19  
0,5

## RA 8 L DIXIT LED



Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
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IP44/20

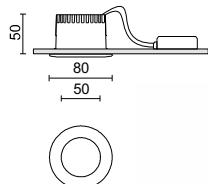
<b>238-230</b>	LED	550	6,5	3000	24°
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IP65/20

<b>237-230</b>	LED	550	6,5	3000	24°
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**21**  
Bianco mat  
Mat white

**52**  
Metal  
Silver

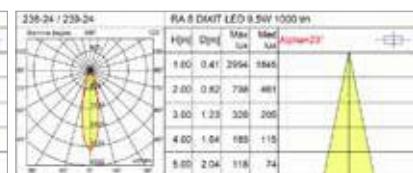
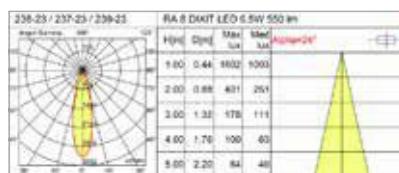


∅ 70 mm  
UGR<19  
0,5



L'alimentatore da 1000lm è predisposto per essere regolabile sulla fase (230V); da 550lm è predisposto per essere regolabile sia 1-10V sia sulla fase (230V)

The 1000lm driver is designed to be dimmable on the mains (230V); the 550lm driver is designed to be dimmable both 1-10V and on the mains (230V)



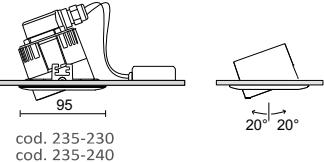
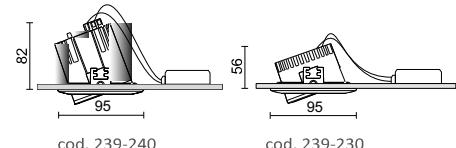
## RA 8 DIXIT LED OSCILLANTE / ADJUSTABLE



Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
<b>IP 20</b>					
<b>239-230</b>	LED	550	6,5	3000	24°
<b>239-240</b>	LED	1000	9,5	3000	24°
<b>IP 65 (su richiesta / on demand)</b>					
<b>235-230</b>	LED	550	6,5	3000	24°
<b>235-240</b>	LED	1000	9,5	3000	24°

**21**  
Bianco mat  
Mat white

**52**  
Metal  
Silver



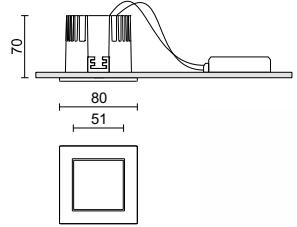
## RA 8 Q DIXIT LED



Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
<b>IP44/20</b>					
<b>233-230</b>	LED	550	6,5	3000	24°
<b>233-240</b>	LED	1000	9,5	3000	24°

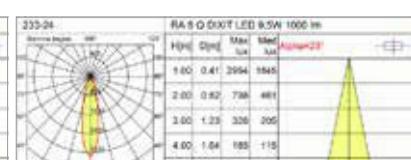
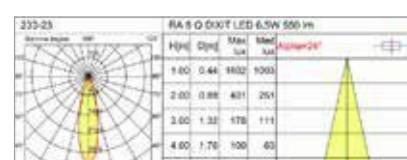
**21**  
Bianco mat  
Mat white

**52**  
Metal  
Silver



L'alimentatore da 1000lm è predisposto per essere regolabile sulla fase (230V); da 550lm è predisposto per essere regolabile sia 1-10V sia sulla fase (230V)

The 1000lm driver is designed to be dimmable on the mains (230V); the 550lm driver is designed to be dimmable both 1-10V and on the mains (230V)



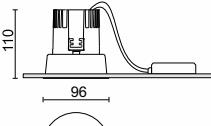
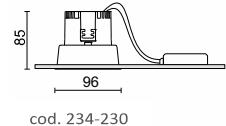
## RA 8 TL DIXIT LED

Codice  
Code



IP44/20

	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
<b>234-230</b>	LED	550	6,5	3000	24°
<b>234-240</b>	LED	1000	9,5	3000	24°



21

Bianco mat  
Mat white



Ø 92 mm  
UGR<19  
0,5



L'alimentatore da 1000lm è predisposto per essere regolabile sulla fase (230V); da 550lm è predisposto per essere regolabile sia 1-10V sia sulla fase (230V)

The 1000lm driver is designed to be dimmable on the mains (230V); the 550lm driver is designed to be dimmable both 1-10V and on the mains (230V)

## RA 14 DIXIT LED



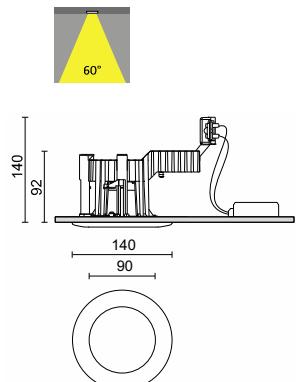
L'alimentatore per la versione da 1500lm è predisposto per essere regolabile sulla fase (230V)

The driver for the 1500lm version is designed to be dimmable on the mains (230V)

Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
<b>243-231</b>	LED	1500	12	3000	60°
<b>243-232</b>	LED	2700	26	3000	60°
Con emergenza 3h (su richiesta) With 3h emergency (on demand)					
<b>243-23E2</b>	LED	2700	26	3000	60°
Con driver DALI (su richiesta) With DALI driver (on demand)					
<b>243-232DD</b>	LED	2700	26	3000	60°

**21**  
Bianco mat  
Mat white

**52**  
Metal  
Silver

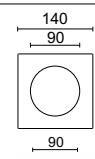


Ø 126 mm  
0,8 kg

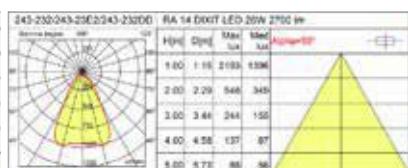
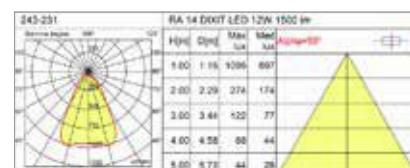
## ACCESSORI ACCESSORIES

**28-3403** Cornice quadra con vetro trasparente  
Square frame with clear glass

**21** Bianco mat  
Mat white    **52** Metal  
Silver



**98-13380-61** Vetro sabbiato  
Sand blasted glass



## RA 17 DIXIT LED



Codice  
Code

Lampada  
Lamp

lumen

Watt

Colour  
T (K)

Fascio  
Beam

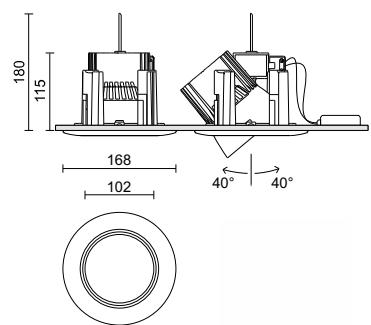
Oscillante  
Adjustable

<b>248-230</b>	LED	3400	33	3000	30°
<b>248-240</b>	LED	4200	36	3000	25°



**21**  
Bianco mat  
Mat white

**52**  
Metal  
Silver



Ø 155 mm  
Kg 2,1



## ACCESSORI ACCESSORIES

Ottiche professionali in termoplastico metallizzato a specchio o bianco (per 70°)  
Professional optic device in thermoplastic mirror metallized or white (for 70°)

Cod

3400 lm

4200 lm



**28-3140**



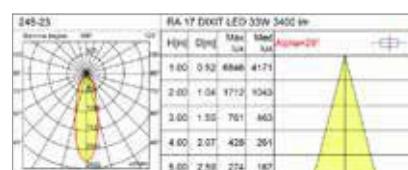
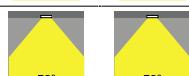
**28-3142**



**28-3138**



**28-3141**





## RA 18 DIXIT LED



Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
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### LED Fortimo DLM

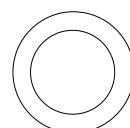
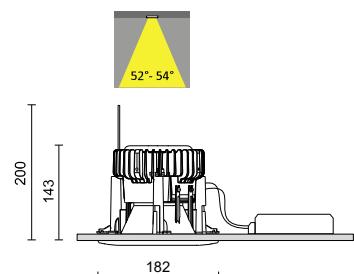
<b>209-500</b>	LED	1100	12	3000	54°
<b>209-510</b>	LED	2000	22	3000	54°
<b>209-531</b>	LED	3000	34	3000	52°

Con driver DALI (su richiesta)  
With DALI driver (on demand)

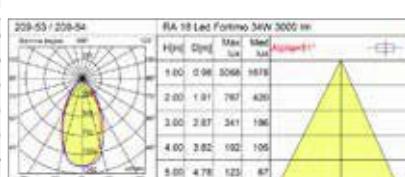
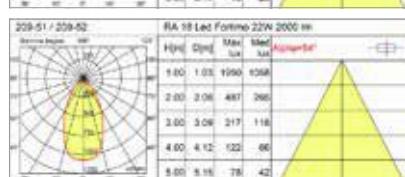
<b>209-520</b>	LED	2000	22	3000	54°
<b>209-541</b>	LED	3000	34	3000	52°

**31**  
Bianco  
White

**52**  
Metal  
Silver



∅ 172 mm  
UGR < 19  
1,4



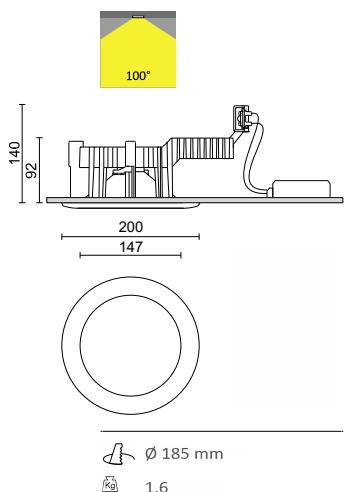
## RA 20 DIXIT LED



Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
<b>244-232</b>	LED	3900	39	3000	100°
<b>244-242</b>	LED	5400	51	3000	100°
<b>Con emergenza 3h (su richiesta) With 3h emergency (on demand)</b>					
<b>244-24E2</b> LED 5400 51 3000 100°					
<b>Con driver DALI (su richiesta) With DALI driver (on demand)</b>					
<b>244-242DD</b>	LED	5400	51	3000	100°

**[21]**  
Bianco mat  
Mat white

**[52]**  
Metal  
Silver



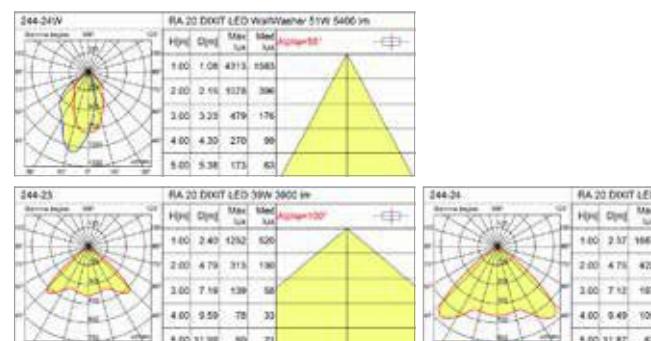
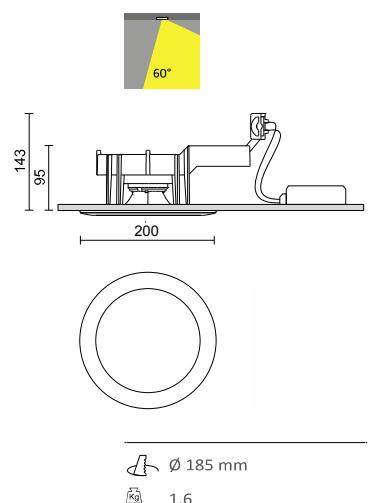
## RA 20WW DIXIT LED



Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
<b>Wall Washer</b> Wall Washer					
<b>244-242W</b>	LED	5400	51	3000	60°

**[31]**  
Bianco  
White

**[52]**  
Metal  
Silver



## RA 23 DIXIT LED



Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
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### LED Fortimo DLM

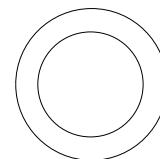
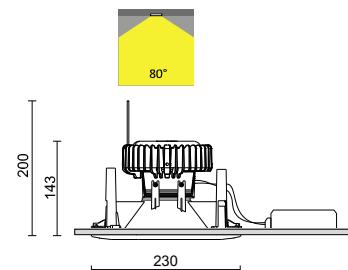
<b>224-210</b>	LED	1100	12	3000	80°
<b>224-220</b>	LED	2000	22	3000	80°
<b>224-241</b>	LED	3000	34	3000	80°

Con driver DALI (su richiesta)  
With DALI driver (on demand)

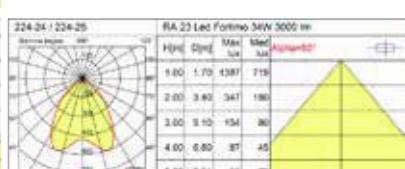
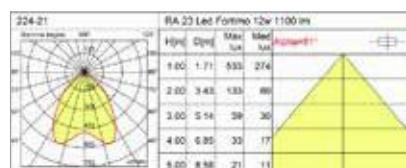
<b>224-230</b>	LED	2000	22	3000	80°
<b>224-251</b>	LED	3000	34	3000	80°

**31**  
Bianco  
White

**52**  
Metal  
Silver



∅ 220 mm  
UGR<19  
1,7

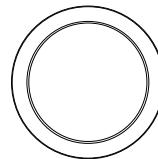
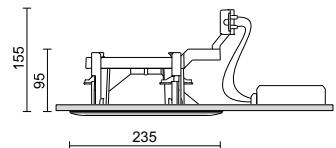


## RA 235 DIXIT LED



Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
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**249-210** LED 2000 18 3000 100°



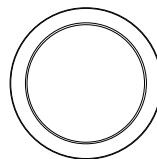
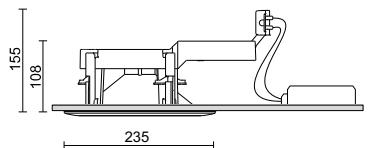
∅ 220 mm  
K<sub>d</sub> 1,6

## RA 235P DIXIT LED

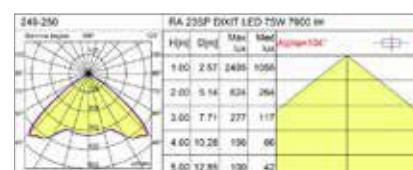


Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
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**249-240** LED 5400 51 3000 100°  
**249-250** LED 7900 75 3000 100°  
**249-260** LED 9100 74 3000 100°



∅ 220 mm  
K<sub>d</sub> 3,8

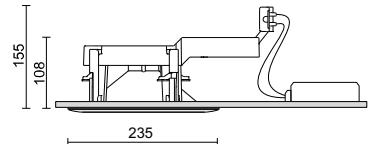


**RA 23SP**  
**DIXIT LED**



Codice Code	Lampada Lamp	lumen	Watt	Colour T (K)	Fascio Beam
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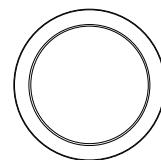
**249-240W** LED 5400 51 3000 40°



**21**  
Bianco mat  
Mat white

**52**  
Metal  
Silver

CE | N | ECO | III | F | 850° | IP44 | IK07 | A++ A+ A



∅ 220 mm  
3,8

**ACCESSORI**  
**ACCESSORIES**

Ottiche professionali in termoplastico metallizzato a specchio o bianco (per 70°)  
Professional optic device in thermoplastic mirror metallized or white (for 70°)

Cod	5400 lm
<b>28-3140</b>	
<b>28-3142</b>	
<b>28-3138</b>	
<b>28-3141</b>	

