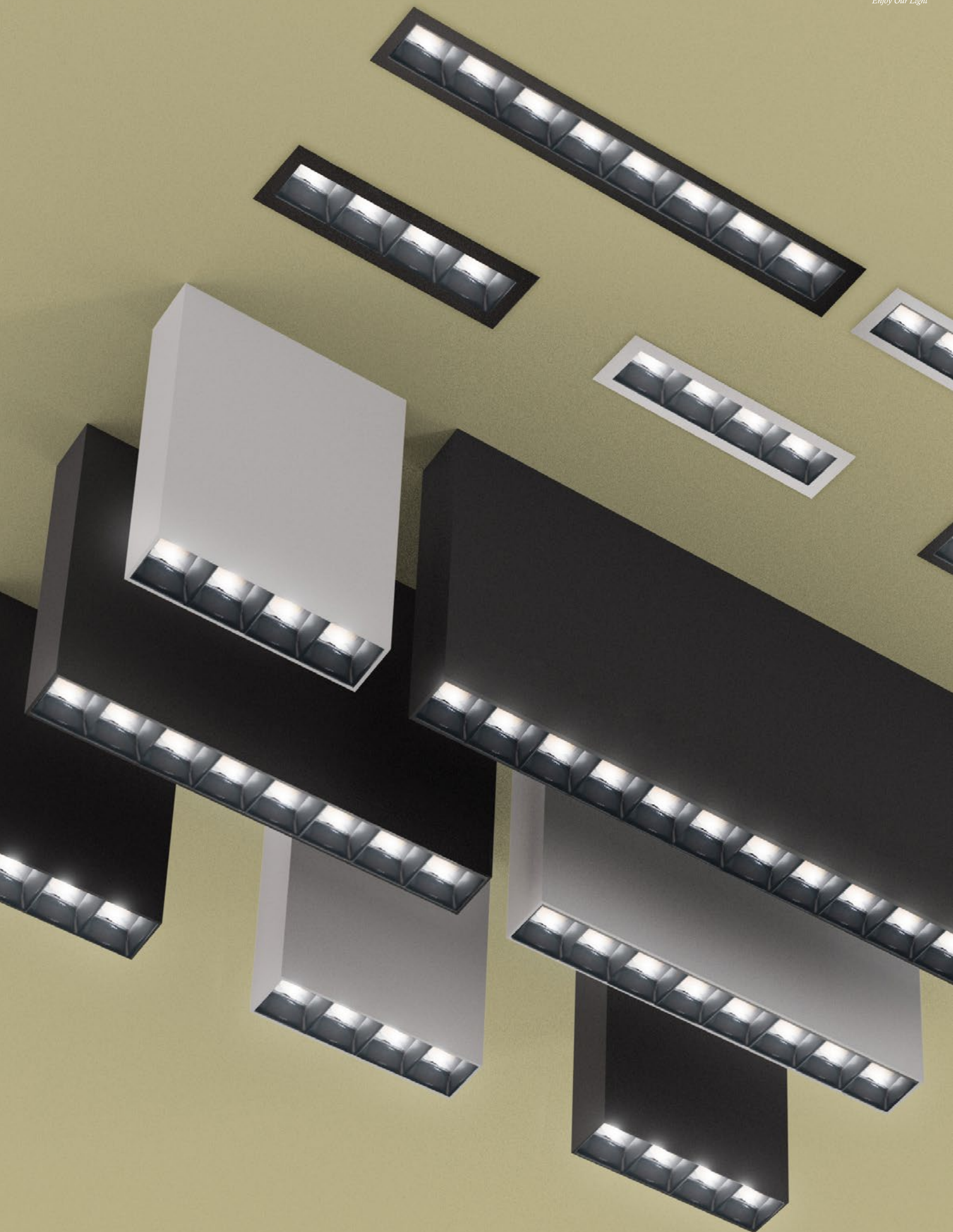






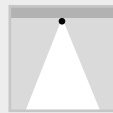
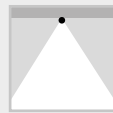
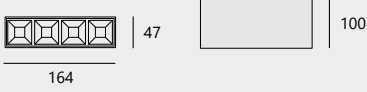
# Fluma

The Fluma family of luminaires combines craftsmanship aesthetics, modern design, and above all, high lighting parameters. Thanks to a specially designed anti-glare baffle, we achieve glare reduction at  $UGR < 17$  levels. Furthermore, the optics combined with the baffle provide high lighting efficiency at relatively low power. The luminaire is available in two mounting versions: track-mounted and recessed.

Rodzina opraw Fluma łączy w sobie estetykę wykonania, nowoczesny design i przede wszystkim wysokie parametry świetlne. Dzięki specjalnie zaprojektowanej przesłonie antyolśnieniowej, zachowujemy redukcję olśnienia na poziomie  $UGR < 17$ . Ponadto zastosowana optyka w połączeniu w parze z przesłoną zapewnia wysoką skuteczność świetlną przy stosunkowo niskiej mocy. Oprawa dostępna w dwóch wersjach montażowych: nastropowy i wpuszczany.

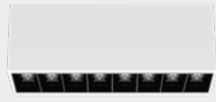
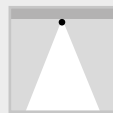
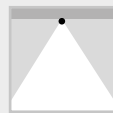
## Fluma 4 UGR<17

CRI>80  IP20  on request  
na zapytanie CRI>90

|                                                                                                                                                                                                                                                                     |  | code<br>kod                                                                       | luminaire nominal<br>power<br>znamionowa moc<br>oprawy | luminous flux<br>strumień z oprawy | colour temperature<br>temperatura<br>barwowa | luminaire efficacy<br>skuteczność oprawy | UGR |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------|----------------------------------------------|------------------------------------------|-----|
| <br><br>50°  80°  |  | 5014.03ELC                                                                        | 5W                                                     | 586lm                              | 3000K                                        | 122lm/W                                  | <17 |
|                                                                                                                                                                                                                                                                     |  | 5014.04ELC                                                                        | 5W                                                     | 611lm                              | 4000K                                        | 122lm/W                                  | <17 |
|                                                                                                                                                                                                                                                                     |  |  |                                                        |                                    |                                              |                                          |     |

## Fluma 8 UGR<17

CRI>80  IP20  on request  
na zapytanie CRI>90

|                                                                                                                                                                                                                                                                     |  | code<br>kod                                                                        | luminaire nominal<br>power<br>znamionowa moc<br>oprawy | luminous flux<br>strumień z oprawy | colour temperature<br>temperatura<br>barwowa | luminaire efficacy<br>skuteczność oprawy | UGR |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------|----------------------------------------------|------------------------------------------|-----|
| <br><br>50°  80°  |  | 5015.03ELC                                                                         | 9W                                                     | 1173lm                             | 3000K                                        | 136lm/W                                  | <17 |
|                                                                                                                                                                                                                                                                     |  | 5015.04ELC                                                                         | 9W                                                     | 1222lm                             | 4000K                                        | 136lm/W                                  | <17 |
|                                                                                                                                                                                                                                                                     |  |  |                                                        |                                    |                                              |                                          |     |

**E** electronics  
elektronika

**L** optics  
optyka

**C** finishes  
wykończenia

**0** on/off  
**D** DALI  
**C** Casambi

**50** 50°  
**80** 80°

**03**  
white  
biały

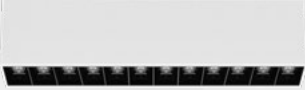
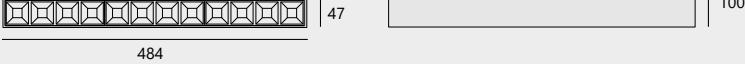
**06**  
grey  
szary

**70**  
anthracite  
antracyt

**05**  
black  
czarny

## Fluma 12 UGR<17

CRI>80  IP20  on request  
na zapytanie CRI>90

|                                                                                                                                                                                                                                                                                                               | code<br>kod | luminaire nominal<br>power<br>znamionowa moc<br>oprawy | luminous flux<br>strumień z oprawy | colour temperature<br>temperatura<br>barwowa | luminaire efficacy<br>skuteczność oprawy | UGR |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------|------------------------------------|----------------------------------------------|------------------------------------------|-----|
|                                                                                                                                                                                                                              | 5016.03ELC  | 13W                                                    | 1759lm                             | 3000K                                        | 141lm/W                                  | <17 |
|                                                                                                                                                                                                                                                                                                               | 5016.04ELC  | 13W                                                    | 1833lm                             | 4000K                                        | 141lm/W                                  | <17 |
| <div> <div> 50°<br/> 80°<br/> </div> <div>  </div> </div> |             |                                                        |                                    |                                              |                                          |     |

## Fluma 22 UGR<19

CRI>80  IP20  on request  
na zapytanie CRI>90

|                                                                                                                                                                                                                                                                                                              | code<br>kod | luminaire nominal<br>power<br>znamionowa moc<br>oprawy | luminous flux<br>strumień z oprawy | colour temperature<br>temperatura<br>barwowa | luminaire efficacy<br>skuteczność oprawy | UGR |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------|------------------------------------|----------------------------------------------|------------------------------------------|-----|
|                                                                                                                                                                                                                             | 5023.03ELC  | 8W                                                     | 964lm                              | 3000K                                        | 126lm/W                                  | <19 |
|                                                                                                                                                                                                                                                                                                              | 5023.04ELC  | 8W                                                     | 1005lm                             | 4000K                                        | 126lm/W                                  | <19 |
| <div> <div> 50°<br/> 80°<br/> </div> <div>  </div> </div> |             |                                                        |                                    |                                              |                                          |     |

**E** electronics  
elektronika

**L** optics  
optyka

**C** finishes  
wykończenia

**0** on/off  
**D** DALI  
**C** Casambi

**50** 50°  
**80** 80°

**03** white  
biały
 **06** grey  
szary
 **70** anthracite  
antracyt
 **05** black  
czarny