



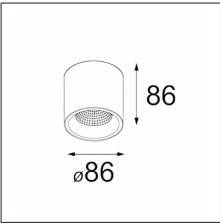
# SMART ACCESSORIES

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## SURFACE TUBED

*You'd rather install a cylindrical than a square or rectangular surface box? The Smart surface tubed is available in a small (86 mm), large (130 mm) and x-large (190 mm) version. What's more, the large and x-large models also come in suspended versions. Combine the sizes and models to make playful creations on the ceiling. In combination with our Kompas and Hoolahoop ceiling bases, Smart tubed suspension is part of your own unique chandelier.*

Smart surface tubed 82 small LED GE



LUMINAIRE NOT INCL

\* ONLY WHEN COMBINED WITH SMART 82 LED IP55

SMART COMBINATIONS > SEE PAGES 320-329

DRIVER > SEE PRODUCT PAGE ON WEBSITE



|             |          |
|-------------|----------|
| alu brushed | 12841024 |
| black struc | 12841032 |
| white struc | 12841009 |

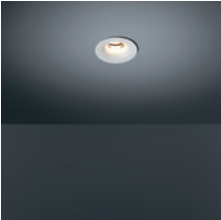
SMART 82 - SURFACE TUBED

| DESIGN                                 | COLOUR                                                                                                                                                                                                                                                      | FIX/ADJ. | IP-RATE                     | TECHNOLOGY                       | SURFACE TUBED Ø82 S GE                                                              | SURFACE TUBED Ø82 L GE                                                              | SURFACE TUBED Ø82 XL GE                                                             | SURFACE TUBED Ø82 L GI                                                              |                                                                                     | SURFACE TUBED Ø82 XL GI                                                               |                                                                                       |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------|----------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                        |                                                                                                                                                                                                                                                             |          |                             |                                  |    |    |    |    | WARM DIM                                                                            |    | WARM DIM                                                                              |
| Smart cake<br>Smart kup<br>Smart lotis | <br><br> | fix      | IP20<br>IP55 <sup>(2)</sup> | LED                              |    |    |    |    |                                                                                     |    |                                                                                       |
|                                        |                                                                                                                                                                                                                                                             |          |                             | LED warm dim                     |    |    |    |                                                                                     |    |                                                                                       |    |
|                                        |                                                                                                                                                                                                                                                             |          | IP20                        | GU10                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|                                        |                                                                                                                                                                                                                                                             |          |                             | GU10 for tube/box <sup>(1)</sup> |                                                                                     |  |  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|                                        |                                                                                                                                                                                                                                                             | adj.     | IP20                        | LED                              |  |  |  |  |                                                                                     |  |                                                                                       |
|                                        |                                                                                                                                                                                                                                                             |          |                             | LED warm dim                     |  |  |  |                                                                                     |  |                                                                                       |  |

SMART SURFACE TUBED 82

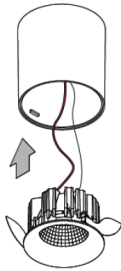
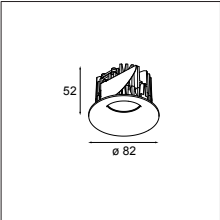
|             | GE       |          |          | GI (500MA)   |                        |               |          | GI (350MA)             |                        |
|-------------|----------|----------|----------|--------------|------------------------|---------------|----------|------------------------|------------------------|
|             | SMALL    | LARGE    | X-LARGE  | LARGE        | X-LARGE                |               |          | LARGE                  | X-LARGE                |
|             |          |          |          | NOT DIMMABLE | TRAILING EDGE DIMMABLE | 1-10V/PUSHDIM | DALI     | TRAILING EDGE DIMMABLE | TRAILING EDGE DIMMABLE |
|             |          |          |          |              |                        |               |          | WARM DIM               | WARM DIM               |
| black struc | 12841032 | 12845032 | 12843332 | 12844032     | 12843032               | 12843132      | 12843232 | 12844132               | 12843432               |
| brushed alu | 12841024 | 12845024 |          | 12844024     | 12843024               | 12843124      | 12843224 |                        |                        |
| white struc | 12841009 | 12845009 | 12843309 | 12844009     | 12843009               | 12843109      | 12843209 | 12844109               | 12843409               |

Smart cake 82 LED GE



1X LED ARRAY INCL. 9.2W

! 3500K ON REQUEST



|             | 2700K / CRI90+ |          |          |
|-------------|----------------|----------|----------|
|             | 15°            | 25°      | 40°      |
| black struc | 12411632       | 12411032 | 12411232 |
| gold        | 12411646       | 12411046 | 12411246 |
| white struc | 12411609       | 12411009 | 12411209 |
|             | 3000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12411732       | 12411432 | 12411532 |
| gold        | 12411746       | 12411446 | 12411546 |
| white struc | 12411709       | 12411409 | 12411509 |
|             | 4000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12411832       | 12411132 | 12411332 |
| gold        | 12411846       | 12411146 | 12411346 |
| white struc | 12411809       | 12411109 | 12411309 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

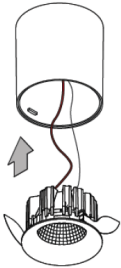
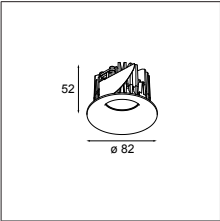
|             | 350mA        | 500mA        |
|-------------|--------------|--------------|
| 2700K / 25° | 513lm / 6.2W | 689lm / 9.2W |
| 3000K / 25° | 533lm / 6.2W | 716lm / 9.2W |
| 4000K / 25° | 583lm / 6.2W | 733lm / 9.2W |

WARM DIM

Smart cake 82 LED warm dim GE



1X LED ARRAY INCL. 6W

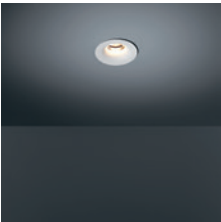


|             | 1800K - 3000K / CRI90+ |          |
|-------------|------------------------|----------|
|             | 25°                    | 40°      |
| black struc | 12413132               | 12413232 |
| gold        | 12413146               | 12413246 |
| white struc | 12413109               | 12413209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

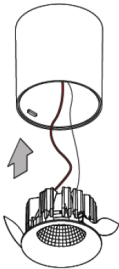
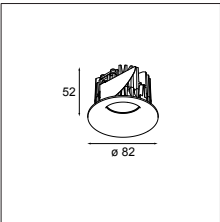
|              |            |
|--------------|------------|
| @3000K / 25° | 452lm / 6W |
|--------------|------------|

Smart cake 82 IP55 LED GE



1X LED ARRAY INCL. 9.2W

! 3500K ON REQUEST



|             | 2700K / CRI90+ |          |          |
|-------------|----------------|----------|----------|
|             | 15°            | 25°      | 40°      |
| black struc | 12412632       | 12412032 | 12412132 |
| gold        | 12412646       | 12412046 | 12412146 |
| white struc | 12412609       | 12412009 | 12412109 |
|             | 3000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12412732       | 12412332 | 12412432 |
| gold        | 12412746       | 12412346 | 12412446 |
| white struc | 12412709       | 12412309 | 12412409 |
|             | 4000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12412832       | 12412532 | 12412232 |
| gold        | 12412846       | 12412546 | 12412246 |
| white struc | 12412809       | 12412509 | 12412209 |

/LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

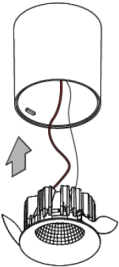
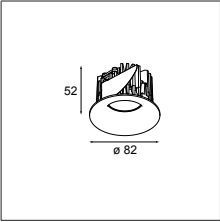
|             | 350mA        | 500mA        |
|-------------|--------------|--------------|
| 2700K / 25° | 444lm / 6.2W | 596lm / 9.2W |
| 3000K / 25° | 462lm / 6.2W | 619lm 9.2W   |
| 4000K / 25° | 505lm / 6.2W | 635lm / 9.2W |

WARM DIM

Smart cake 82 IP55 LED warm dim GE



1X LED ARRAY INCL. 6W



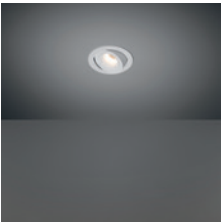
|             | 1800K - 3000K / CRI90+ |          |
|-------------|------------------------|----------|
|             | 25°                    | 40°      |
| black struc | 12414132               | 12414232 |
| gold        | 12414146               | 12414246 |
| white struc | 12414109               | 12414209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

@3000K / 25°

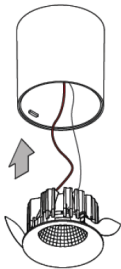
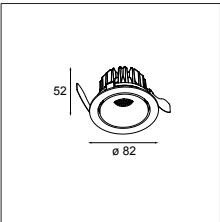
400lm / 6W

Smart cake 82 adjustable LED GE



1X LED ARRAY INCL. 9.2W

! 3500 ON REQUEST



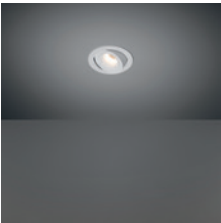
|             | 2700K / CRI90+ |          | 3000K / CRI90+ |          | 4000K / CRI90+ |          |
|-------------|----------------|----------|----------------|----------|----------------|----------|
|             | 25°            | 40°      | 25°            | 40°      | 25°            | 40°      |
| black struc | 13320132       | 13320232 | 13321132       | 13321232 | 13322132       | 13322232 |
| gold        | 13320146       | 13320246 | 13321146       | 13321246 | 13322146       | 13322246 |
| white struc | 13320109       | 13320209 | 13321109       | 13321209 | 13322109       | 13322209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

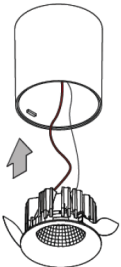
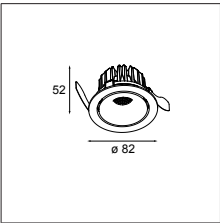
|             | 350mA        | 500mA        |
|-------------|--------------|--------------|
| 2700K / 25° | 420lm / 6.3W | 546lm / 9.2W |
| 3000K / 25° | 442lm / 6.3W | 574lm / 9.2W |
| 4000K / 25° | 471lm / 6.3W | 612lm / 9.2W |

WARM DIM

Smart cake 82 adjustable LED warm dim GE



1X LED ARRAY INCL. 6W

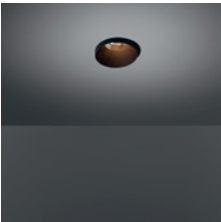


|             | 1800K - 3000K / CRI90+ |          |
|-------------|------------------------|----------|
|             | 35°                    | 45°      |
| black struc | 13323132               | 13323232 |
| gold        | 13323146               | 13323246 |
| white struc | 13323109               | 13323209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

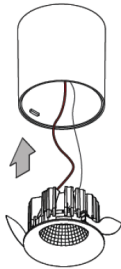
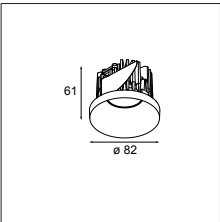
|              |            |
|--------------|------------|
| @3000K / 35° | 414lm / 6W |
|--------------|------------|

Smart kup 82 LED GE



1X LED ARRAY INCL. 9.2W

! 3500K ON REQUEST



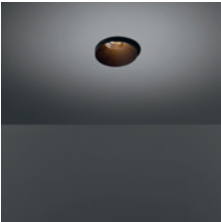
|             | 2700K / CRI90+ |          |          |
|-------------|----------------|----------|----------|
|             | 15°            | 25°      | 40°      |
| black struc | 12471632       | 12471032 | 12471232 |
| gold        | 12471646       | 12471046 | 12471246 |
| white struc | 12471609       | 12471009 | 12471209 |
|             | 3000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12471732       | 12471432 | 12471532 |
| gold        | 12471746       | 12471446 | 12471546 |
| white struc | 12471709       | 12471409 | 12471509 |
|             | 4000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12471832       | 12471132 | 12471332 |
| gold        | 12471846       | 12471146 | 12471346 |
| white struc | 12471809       | 12471109 | 12471309 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

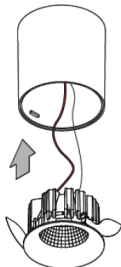
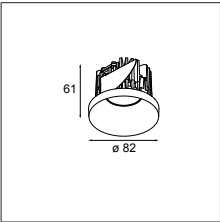
|             | 350mA        | 500mA        |
|-------------|--------------|--------------|
| 2700K / 25° | 554lm / 6.2W | 744lm / 9.2W |
| 3000K / 25° | 576lm / 2W   | 773lm / 9.2W |
| 4000K / 25° | 630lm / 6.2W | 792lm / 9.2W |

WARM DIM

Smart kup 82 LED warm dim GE



1X LED ARRAY INCL. 6W

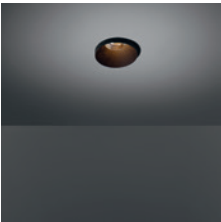


|             | 1800K - 3000K / CRI90+ |          |
|-------------|------------------------|----------|
|             | 25°                    | 40°      |
| black struc | 12473132               | 12473232 |
| gold        | 12473146               | 12473246 |
| white struc | 12473109               | 12473209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

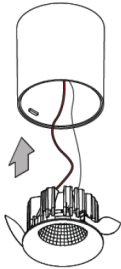
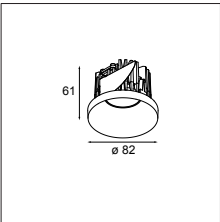
|              |            |
|--------------|------------|
| @3000K / 25° | 485lm / 6W |
|--------------|------------|

Smart kup 82 IP55 LED GE



1X LED ARRAY INCL. 9.2W

! 3500K ON REQUEST



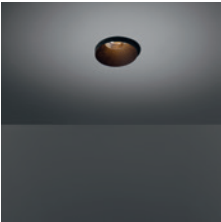
|             | 2700K / CRI90+ |          |          |
|-------------|----------------|----------|----------|
|             | 15°            | 25°      | 40°      |
| black struc | 12472632       | 12472032 | 12472132 |
| gold        | 12472646       | 12472046 | 12472146 |
| white struc | 12472609       | 12472009 | 12472109 |
|             | 3000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12472732       | 12472332 | 12472432 |
| gold        | 12472746       | 12472346 | 12472446 |
| white struc | 12472709       | 12472309 | 12472409 |
|             | 4000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12472832       | 12472532 | 12472232 |
| gold        | 12472846       | 12472546 | 12472246 |
| white struc | 12472809       | 12472509 | 12472209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

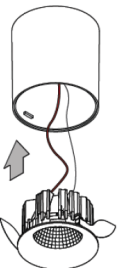
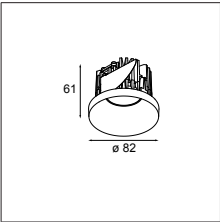
|             | 350mA        | 500mA        |
|-------------|--------------|--------------|
| 2700K / 25° | 529lm/ 6.2W  | 710lm / 9.2W |
| 3000K / 25° | 550lm/ 6.2W  | 738lm / 9.2W |
| 4000K / 25° | 601lm / 6.2W | 756lm / 9.2W |

WARM DIM

Smart kup 82 IP55 LED warm dim GE



1X LED ARRAY INCL. 6W



|             | 1800K - 3000K / CRI90+ |          |
|-------------|------------------------|----------|
|             | 25°                    | 40°      |
| black struc | 12474132               | 12474232 |
| gold        | 12474146               | 12474246 |
| white struc | 12474109               | 12474209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

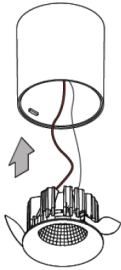
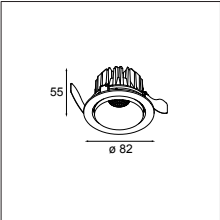
|              |            |
|--------------|------------|
| @3000K / 25° | 444lm / 6W |
|--------------|------------|

Smart kup 82 adjustable LED GE



1X LED ARRAY INCL. 9.2W

! 3500 ON REQUEST



|             | 2700K / CRI90+ |          | 3000K / CRI90+ |          | 4000K / CRI90+ |          |
|-------------|----------------|----------|----------------|----------|----------------|----------|
|             | 25°            | 40°      | 25°            | 40°      | 25°            | 40°      |
| black struc | 13330132       | 13330232 | 13331132       | 13331232 | 13332132       | 13332232 |
| gold        | 13330146       | 13330246 | 13331146       | 13331246 | 13332146       | 13332246 |
| white struc | 13330109       | 13330209 | 13331109       | 13331209 | 13332109       | 13332209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

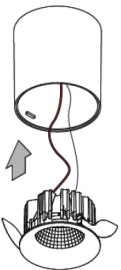
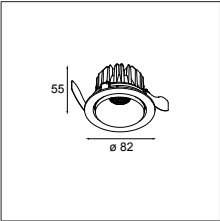
|             | 350mA        | 500mA        |
|-------------|--------------|--------------|
| 2700K / 25° | 525lm / 6.3W | 682lm / 9.2W |
| 3000K / 25° | 552lm / 6.3W | 717lm / 9.2W |
| 4000K / 25° | 589lm / 6.3W | 765lm / 9.2W |

WARM DIM

Smart kup 82 adjustable LED warm dim GE



1X LED ARRAY INCL. 6W

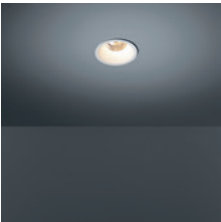


|             | 1800K - 3000K / CRI90+ |          |
|-------------|------------------------|----------|
|             | 35°                    | 45°      |
| black struc | 13333132               | 13333232 |
| gold        | 13333146               | 13333246 |
| white struc | 13333109               | 13333209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

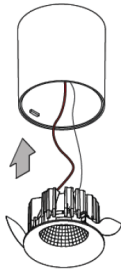
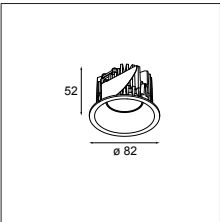
| @3000K / 35° | 498lm / 6W |
|--------------|------------|
|--------------|------------|

Smart lotis 82 IP55 LED GE



1X LED ARRAY INCL. 9.2W

! 3500K ON REQUEST



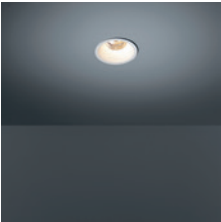
|             | 2700K / CRI90+ |          |          |
|-------------|----------------|----------|----------|
|             | 15°            | 25°      | 40°      |
| black struc | 12442632       | 12442032 | 12442132 |
| gold        | 12442646       | 12442046 | 12442146 |
| white struc | 12442609       | 12442009 | 12442109 |
|             | 3000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12442732       | 12442332 | 12442432 |
| gold        | 12442746       | 12442346 | 12442446 |
| white struc | 12442709       | 12442309 | 12442409 |
|             | 4000K / CRI90+ |          |          |
|             | 15°            | 25°      | 40°      |
| black struc | 12442832       | 12442532 | 12442232 |
| gold        | 12442846       | 12442546 | 12442246 |
| white struc | 12442809       | 12442509 | 12442209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

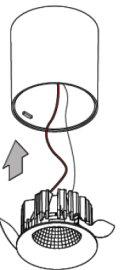
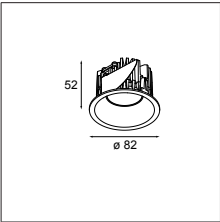
|             | 350mA        | 500mA        |
|-------------|--------------|--------------|
| 2700K / 25° | 529lm / 6.2W | 710lm / 9.2W |
| 3000K / 25° | 550lm / 6.2W | 738lm / 9.2W |
| 4000K / 25° | 601lm / 6.2W | 756lm / 9.2W |

WARM DIM

Smart lotis 82 IP55 LED warm dim GE



1X LED ARRAY INCL. 6W

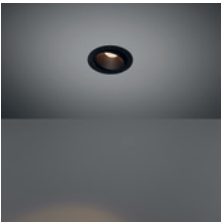


|             | 1800K - 3000K / CRI90+ |          |
|-------------|------------------------|----------|
|             | 25°                    | 40°      |
| black struc | 12444132               | 12444232 |
| gold        | 12444146               | 12444246 |
| white struc | 12444109               | 12444209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

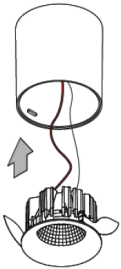
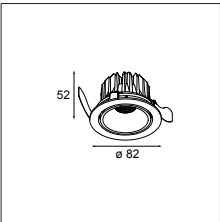
|              |            |
|--------------|------------|
| @3000K / 25° | 444lm / 6W |
|--------------|------------|

Smart lotis 82 adjustable LED GE



1X LED ARRAY INCL. 9.2W

! 3500 ON REQUEST



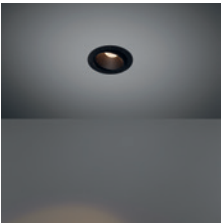
|             | 2700K / CRI90+ |          | 3000K / CRI90+ |          | 4000K / CRI90+ |          |
|-------------|----------------|----------|----------------|----------|----------------|----------|
|             | 25°            | 40°      | 25°            | 40°      | 25°            | 40°      |
| black struc | 13310132       | 13310232 | 13311132       | 13311232 | 13312132       | 13312232 |
| gold        | 13310146       | 13310246 | 13311146       | 13311246 | 13312146       | 13312246 |
| white struc | 13310109       | 13310209 | 13311109       | 13311209 | 13312109       | 13312209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

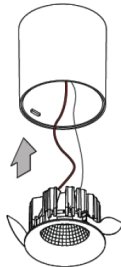
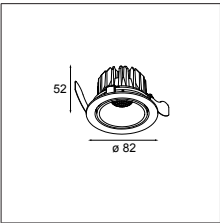
|             | 350mA        | 500mA        |
|-------------|--------------|--------------|
| 2700K / 25° | 525lm / 6.3W | 682lm / 9.2W |
| 3000K / 25° | 552lm / 6.3W | 717lm / 9.2W |
| 4000K / 25° | 589lm / 6.3W | 765lm / 9.2W |

WARM DIM

Smart lotis 82 adjustable LED warm dim GE



1X LED ARRAY INCL. 6W



|             | 1800K - 3000K / CRI90+ |          |
|-------------|------------------------|----------|
|             | 35°                    | 45°      |
| black struc | 13313132               | 13313232 |
| gold        | 13313146               | 13313246 |
| white struc | 13313109               | 13313209 |

LUMINAIRE OUTPUT & POWER CONSUMPTION  
(white struc)

|                     |            |
|---------------------|------------|
| 1800K - 3000K / 35° | 498lm / 6W |
|---------------------|------------|