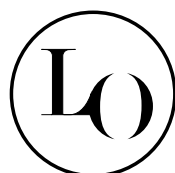


# OLIMPIA P

design LORELUX®



LORELUX

LORELUX - OLIMPIA P DATASHEET



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<b>Concept</b>	Simple and functional design for a sustainable and resistant urban lighting with an easy maintenance.
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<b>Description</b>	Olimpia is a LED urban luminaire suitable for illuminating parks, squares and city roads. Its lighting body is made from innovative plastic materials that respect urban ecology and resist corrosion, extreme temperatures (from - 60°C to + 80°C) and UV discolouration thanks to the innovative Rotoskin® patented system, a covering providing a protective shield on all exposed surfaces of the luminaire. Olimpia includes post top and post top on arm mounting, and both suspended and on catenary mounting. In addition, it offers a wide range of finishes and photometries, as well as remote-control devices guaranteeing further savings and road safety.
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<b>Materials</b>	The mono-material lighting body is made from batch-dyed virgin polyethylene and recovered polyethylene, a material immune to corrosion by atmospheric agents and pollutants, and resistant to UV rays and tractions. The recovered polyethylene can derive from post-process polyethylene (concentration of at least 70% of polyethylene from clean and industrial waste) or from post-consumer plastics (concentration of at least 50% of polyethylene deriving from separate household waste collection).
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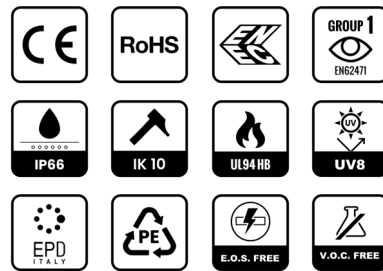
**Product's preview**



**Pluses**

- Lighting fixture's useful service life of over 50 years
- Immunity to corrosion by atmospheric agents and pollutants
- Resistance to impacts and vandalism
- No flaking or discolouration over time
- Interchangeable LED engine for upgrades and/or repairs
- Wide range of finishes from both virgin and recovered polyethylene
- Wide range of photometries in order to meet all lighting needs

**Certifications**



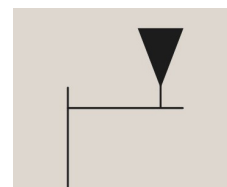
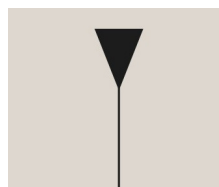
**Application areas**



**Mountings**

Post top  
Code **KM-OLIMPIA-P**

Post top on arm  
Code **KM-OLIMPIA-P**

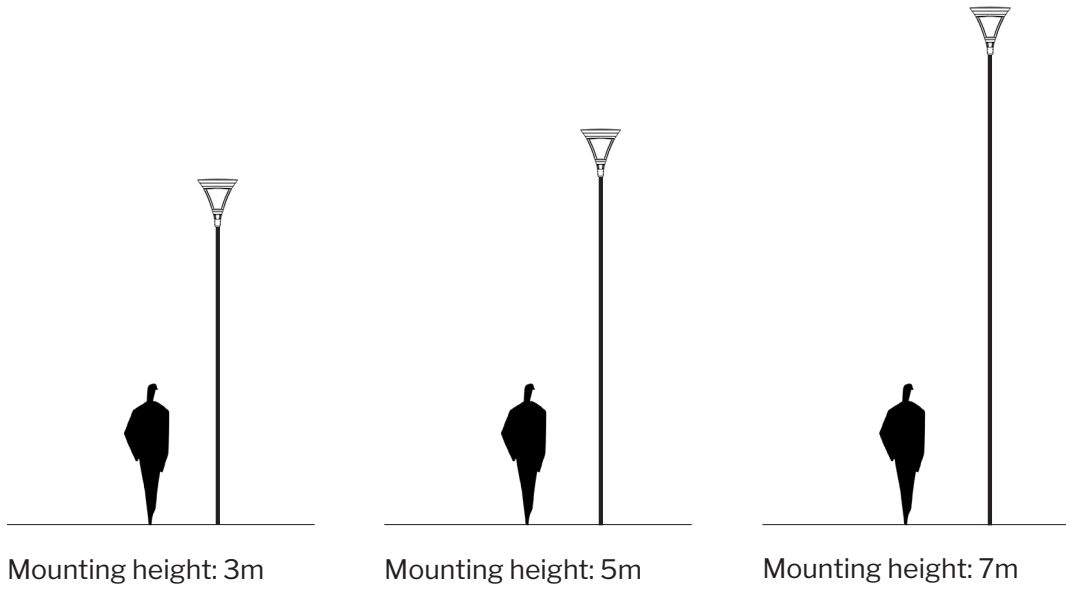


LORELUX - OLIMPIA P DATASHEET



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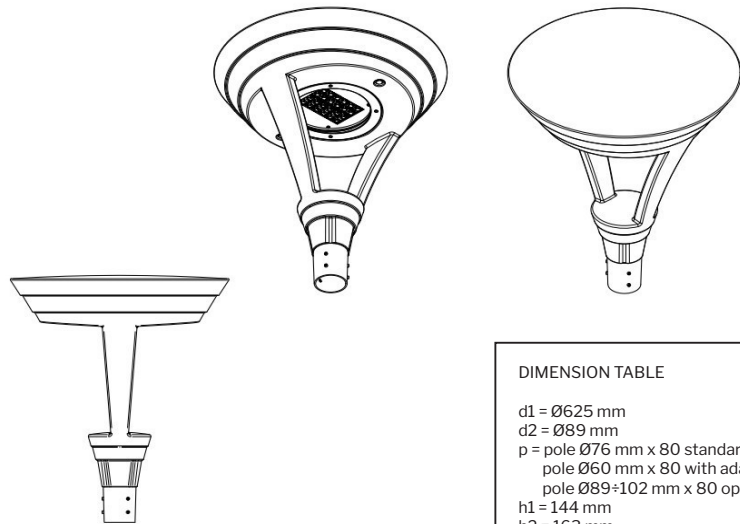
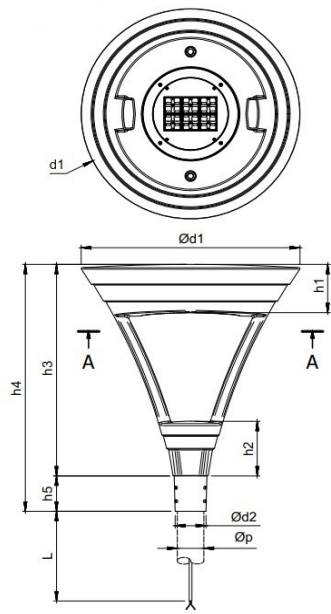
Installation examples



# LORELUX - OLIMPIA P DATASHEET

Technical drawing

Post top mounting



## DIMENSION TABLE

d1 = Ø625 mm  
 d2 = Ø89 mm  
 p = pole Ø76 mm x 80 standard  
     pole Ø60 mm x 80 with adapter  
     pole Ø89÷102 mm x 80 optional  
 h1 = 144 mm  
 h2 = 163 mm  
 h3 = 630 mm  
 h4 = 735 mm  
 h5 = 105 mm  
 Outgoing cable length: L = 1000 mm  
  
 Weight = 10,0 kg  
 Wind exposure: Scx = 0,307 m<sup>2</sup> base  
                   = 0,130 m<sup>2</sup> lateral

## LORELUX - OLIMPIA P DATASHEET

### MAIN FEATURES

<b>Manufacturer</b>	NITEKO S.R.L.
<b>Brand</b>	LORELUX®
<b>Series</b>	Olimpia   P model
<b>Device type</b>	LED urban luminaire
<b>Application areas</b>	Street, urban and residential lighting  Historic centres, squares, car parks and green areas  Pedestrian areas and cycle lanes
<b>Mounting</b>	Post top, post top on arm
<b>Mounting accessories</b>	Standard: connection for Ø76 mm pole Optional: code KM-OLIMPIA-P60 (adapter for Ø60 mm pole)
<b>Protection rating</b>	Physical: IP66 Mechanical: IK10 Chemical: VOC Free Electrical: EOS Free   SPD: CM ≤ 12 kV ; DM ≤ 12kV ; I ≤10kA Ultraviolet: UV8 (8.000 h) Flame: UL94 - HB Photobiological: RG1 (D > 1,97m)
<b>Temperature</b>	Operating: -40°C ÷ +45°C (Control via N.T.C.) Storage: -40°C ÷ +80°C
<b>Energy rating</b>	>A++
<b>Warranty</b>	Body: 20 years Light source: 10 years
<b>Certifications</b>	CE; RoHS; ENEC; UV8; EOS free; VOC free; RG1; UL94 HB; EPD Italy (Pending)
<b>Optical compartment/ Electric compartment</b>	Separated   Opening of the compartments after removal of the anti-fall fixing screws Optional   Tool Less Opening



## LORELUX - OLIMPIA P DATASHEET

### OPTICAL FEATURES

Light source	HI Power LED
LED modules	PCB, independent and replaceable
Optics	PMMA, independent and replaceable
Nominal luminous flux	2.173 ÷ 12.998 lm
Light source efficiency	<ul style="list-style-type: none"> <li>· <math>\eta_{LED} &gt; 180 \text{ lm/W}</math> (CCT &gt; 4.000 K / CRI &gt; 70)</li> <li>· <math>\eta_{LED} &gt; 170 \text{ lm/W}</math> (CCT &gt; 3.000 K / CRI &gt; 70)</li> <li>· <math>\eta_{LED} &gt; 160 \text{ lm/W}</math> (CCT &gt; 2.700 K / CRI &gt; 70)</li> <li>· <math>\eta_{LED} &gt; 150 \text{ lm/W}</math> (CCT &gt; 2.200 K / CRI &gt; 70)</li> </ul>



LORELUX - OLIMPIA P DATASHEET

Colour temperature	Standard CCT: 3.000K Optional CCT: 2.200K; 2.700K; 4.000K; 5.000K; 5.700K Colour stability: 3 Step MacAdam
Colour rendering index	Standard CRI: 70 Optional CRI: 80; 90
Photometries	Asymmetric; rotosymmetric
Optical performance	$\eta_{OPT}$ : 68 ÷ 78%
Lighting fixture efficiency	$\eta_{FIX}$ > 120 lm/W (CCT > 4.000 K / CRI > 70) $\eta_{FIX}$ > 115 lm/W (CCT > 3.000 K / CRI > 70) $\eta_{FIX}$ > 105 lm/W (CCT > 2.700 K / CRI > 70) $\eta_{FIX}$ > 95 lm/W (CCT > 2.200 K / CRI > 70)
Light intensity class	$\geq G^*2$
Glare index	$\geq D.4$
ULR / ULOR	0,00%
Service life	L98 B10: > 100.000 h (TJ = 85 ° C   IF $\leq$ 500mA) L90 B10: > 120.000 h (TJ = 85 ° C   IF $\leq$ 500mA) L80 B10: > 270.000 h (TJ = 85 ° C   IF $\leq$ 500mA) L70 B10: > 450.000 h (TJ = 85 ° C   IF $\leq$ 500mA)

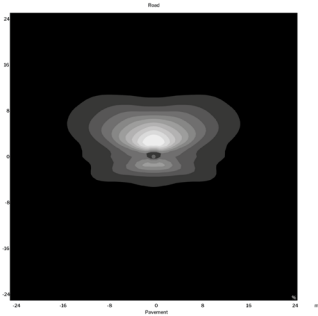
LORELUX - OLIMPIA P DATASHEET

CONFIGURATIONS

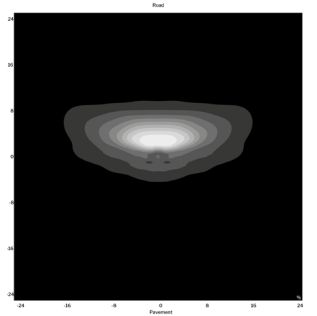
Model	Power [W]	Nominal luminous flux [lm]			
		4.000 K   CRI 70 5.000 K   CRI 70 5.700 K   CRI 70	3.000 K   CRI 70	2.700 K   CRI 70 4.000 K   CRI 80	2.200 K   CRI 70 2.700 K   CRI 80 3.000 K   CRI 80 5.700 K   CRI 90
OLIMPIA-P 15 W	15,7	2.823	2.694	2.440	2.173
OLIMPIA-P 20 W	20,8	3.860	3.672	3.333	2.961
OLIMPIA-P 30 W	24,6	4.533	4.314	3.913	3.470
	30,9	5.582	5.298	4.816	4.260
OLIMPIA-P 40 W	34,6	6.172	5.852	5.323	4.692
	39,2	6.882	6.519	5.930	5.209
OLIMPIA-P 50 W	36,4	6.896	6.564	5.957	5.299
	40,7	7.721	7.343	6.667	5.923
	46,5	8.798	8.370	7.595	6.739
	51,3	9.591	9.120	8.279	7.341
OLIMPIA-P 60 W	54,6	10.115	9.611	8.730	7.738
	62,0	11.426	10.842	9.858	8.713
OLIMPIA-P 70 W	64,0	11.819	11.211	10.196	9.002
	71,4	12.998	12.319	11.209	9.857

PHOTOMETRIES

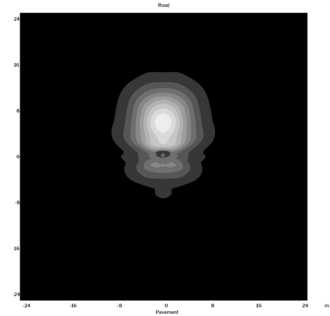
Asymmetric



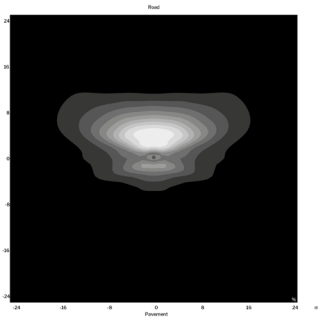
Code A1 ( $\eta = 71\% \mid G^*6$ )



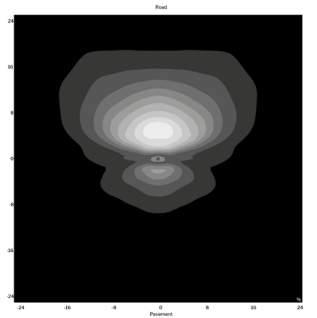
Code A2 ( $\eta = 72\% \mid G^*4$ )



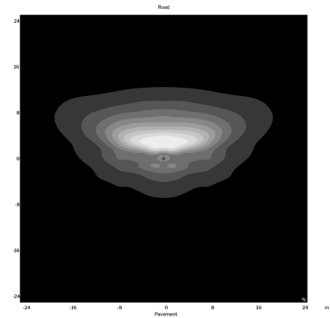
Code A3 ( $\eta = 78\% \mid G^*6$ )



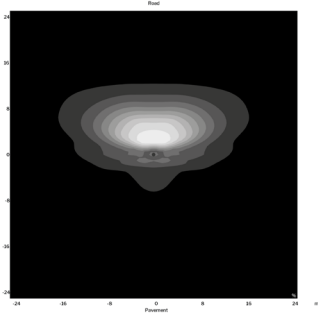
Code A4 ( $\eta = 73\% \mid G^*6$ )



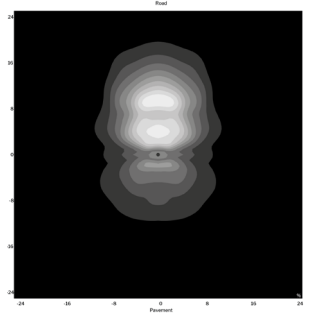
Code A7 ( $\eta = 74\% \mid G^*2$ )



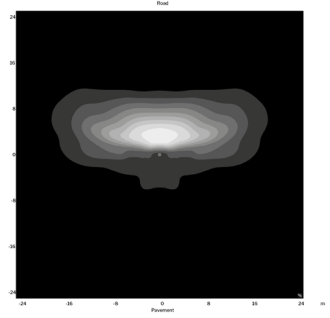
Code A8 ( $\eta = 68\% \mid G^*1$ )



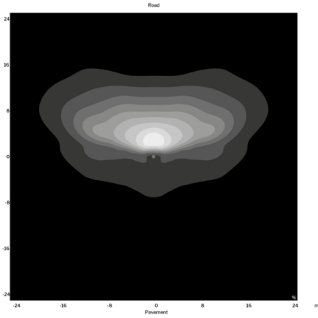
Code A9 ( $\eta = 72\% \mid G^*4$ )



Code A13 ( $\eta = 75\% \mid G^*6$ )

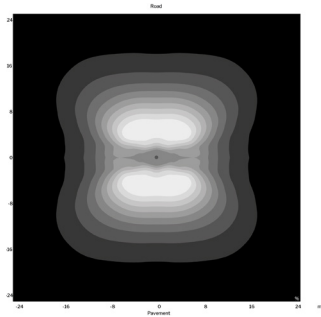


Code AB2 ( $\eta = 73\% \mid G^*3$ )



Code AB4 ( $\eta = 74\% \mid G^*3$ )

Rotosymmetric



Code R1 ( $\eta = 72\% \mid G^*6$ )

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Optional

Other photometries available on request.

## LORELUX - OLIMPIA P DATASHEET

### ELECTRICAL FEATURES

<b>Power supply</b>	Standard 240V AC : 175 ÷ 264 V AC; 50 / 60 Hz Optional 240V AC: 120 ÷ 277 V AC; 50 / 60 Hz Optional 12V DC: 9 ÷ 18 V DC Optional 24V DC: 18 ÷ 32 V DC
<b>LED power current</b>	$I_f \leq 500 \text{ mA}$
<b>Insulation class</b>	Standard: class II Optional: class I
<b>Power</b>	15 ÷ 70W
<b>Power factor</b>	PF > 0,97 (Active PFC)
<b>Electrical efficiency</b>	$\eta_{EL} : 83 \div 92 \%$
<b>Electrical connection</b>	External power cable (IP66 protected electrical connector). Standard length: 1,0 m  Standard Cable (Class II): H07RN-F 2x1,5mmq; Optional Cable (Class I): H07RN-F 3x1,5mmq; Optional Cable (DALI): H07RN-F 5x1,5mmq;
<b>Electrical protection</b>	Built-in SPD: C.M. $\leq 12 \text{ kV}$ ; D.M. $\leq 12 \text{ kV}$ ; $I \leq 10 \text{ kA}$

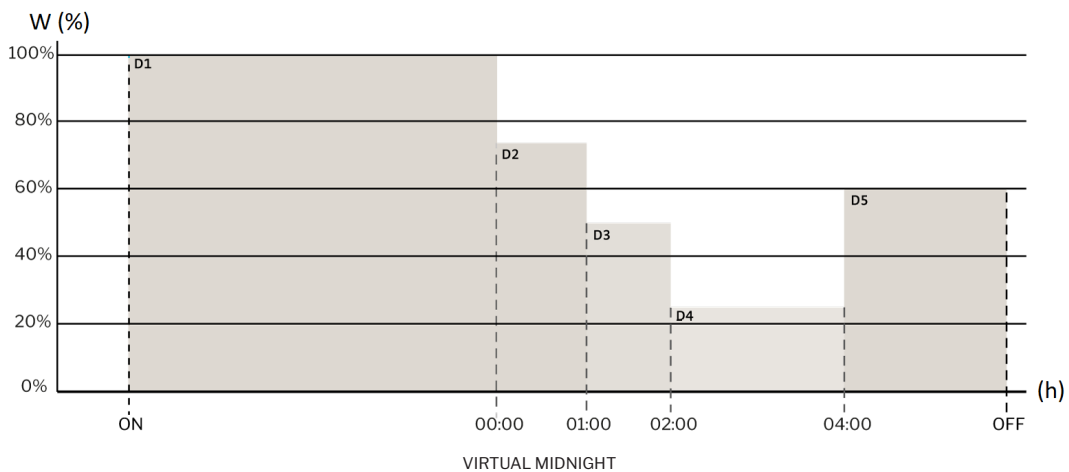


CONTROL FEATURES

<b>Autonomous dimming</b>	K-OLIMPIA-PRG5: automatic control up to 5 daily profiles
	K-OLIMPIA-CLO.LITE: constant lighting control during the lifetime with a single profile
	K-OLIMPIA-CLO.FULL: constant lighting control during the lifetime up to 20 profiles
<b>Control cable dimming</b>	K-OLIMPIA-DIM: 1-10V analogue control
	K-OLIMPIA-DALI: DALI digital control
	K-OLIMPIA-D4i: DALI 2.0 / AUX 24 V DC digital control
<b>Power Line control dimming</b>	K-OLIMPIA-PLV: Power Line Voltage control
<b>Radio wave control</b>	K-OLIMPIA-NEMASCK: control with NEMA device
	K-OLIMPIA-ZAGHASCK: control with ZHAGA device

CONTROL FUNCTIONS

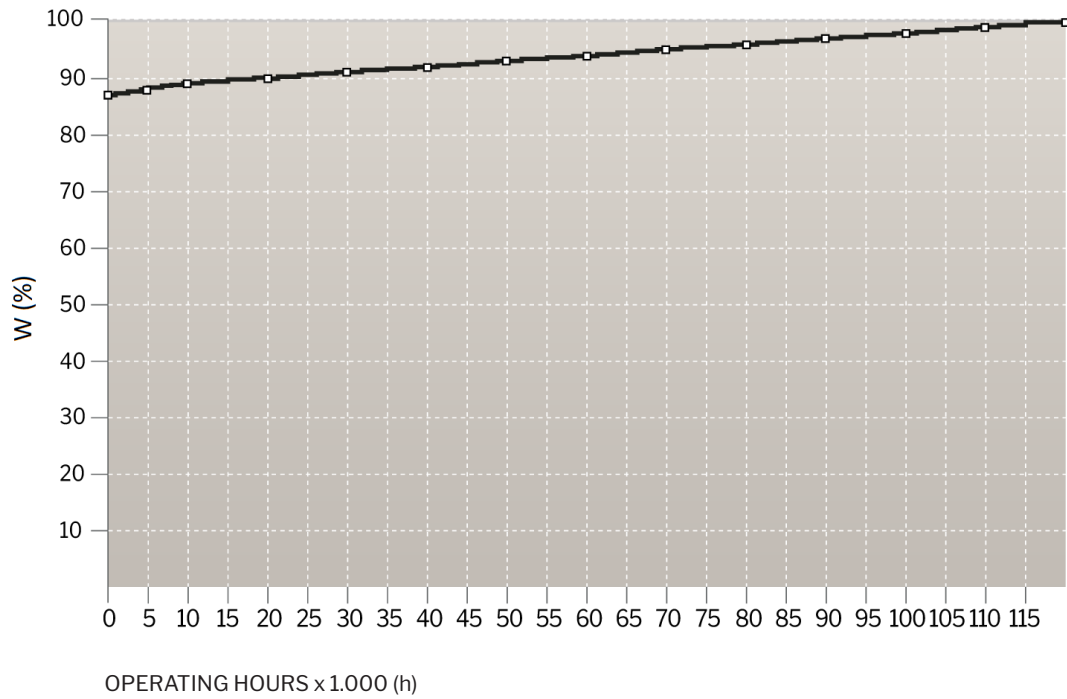
PRG5 module



The PRG module allows to control and reduce the luminous flux of the lighting fixture from 10% to 100% of the maximum value, without the use of dedicated cables

- D1: time slot ON - 23:59 → power 100%
- D2: time slot 00:00 - 00:59 → power 75%
- D3: time slot 01:00 - 01:59 → power 50%
- D4: time slot 02:00 - 03:59 → power 25%
- D5: time slot 04:00 - OFF → power 60%

CLO module



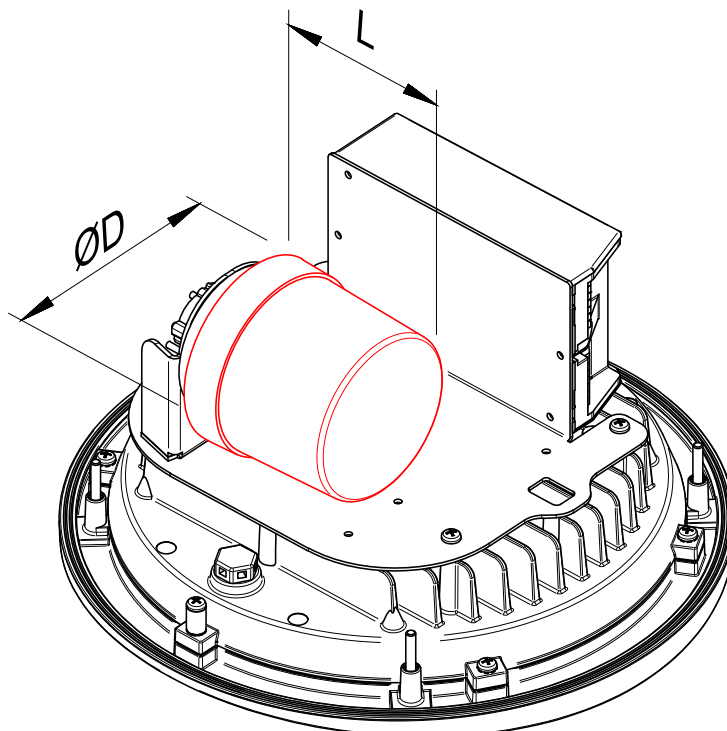
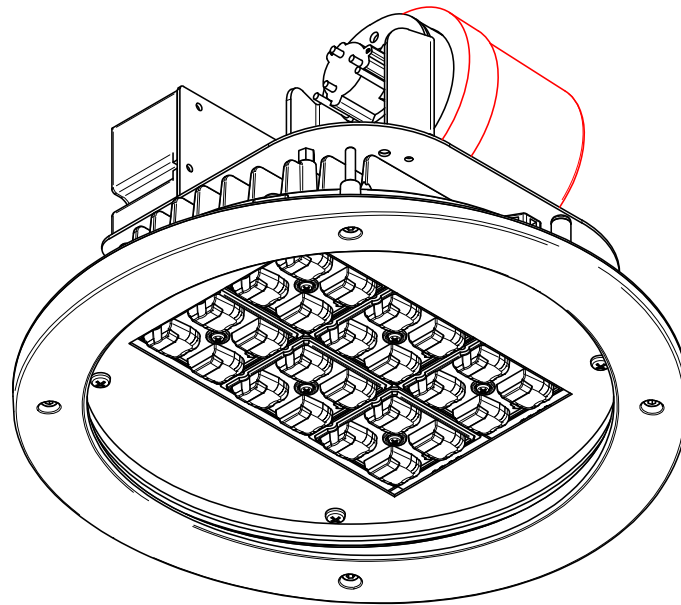
The CLO function allows to gradually increase the level of light output over time from a lower initial luminous flux up to 100%, thus compensating the luminous flux degradation of the LED module during the lighting fixture entire lifetime. It can also serve as a means to reduce energy consumption.



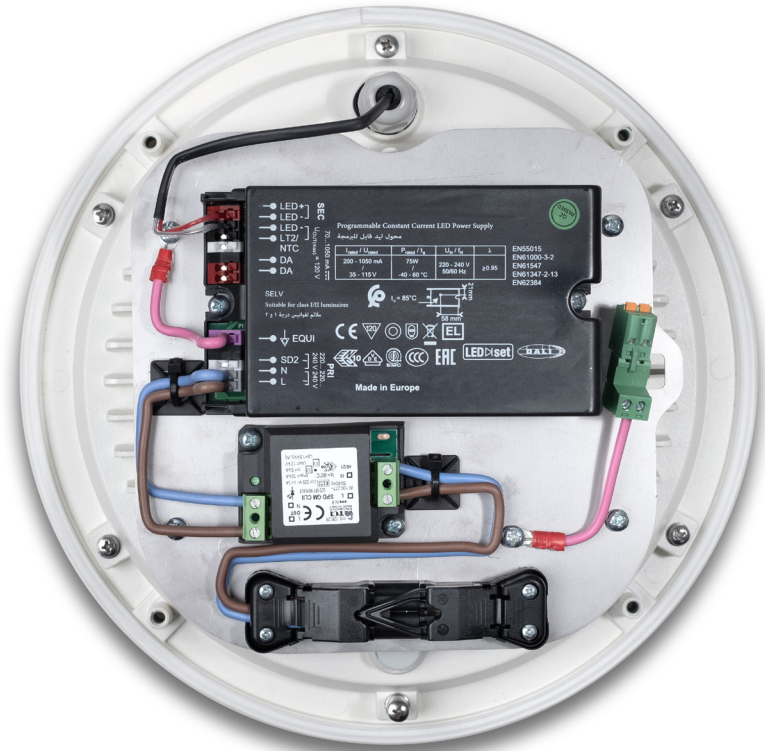
ELECTRIC COMPARTMENT

Maximum possible  
dimensions for  
remote-control devices:

Ø84 x h74mm



# LORELUX - OLIMPIA P DATASHEET



## LORELUX - OLIMPIA P DATASHEET

### MECHANICAL FEATURES

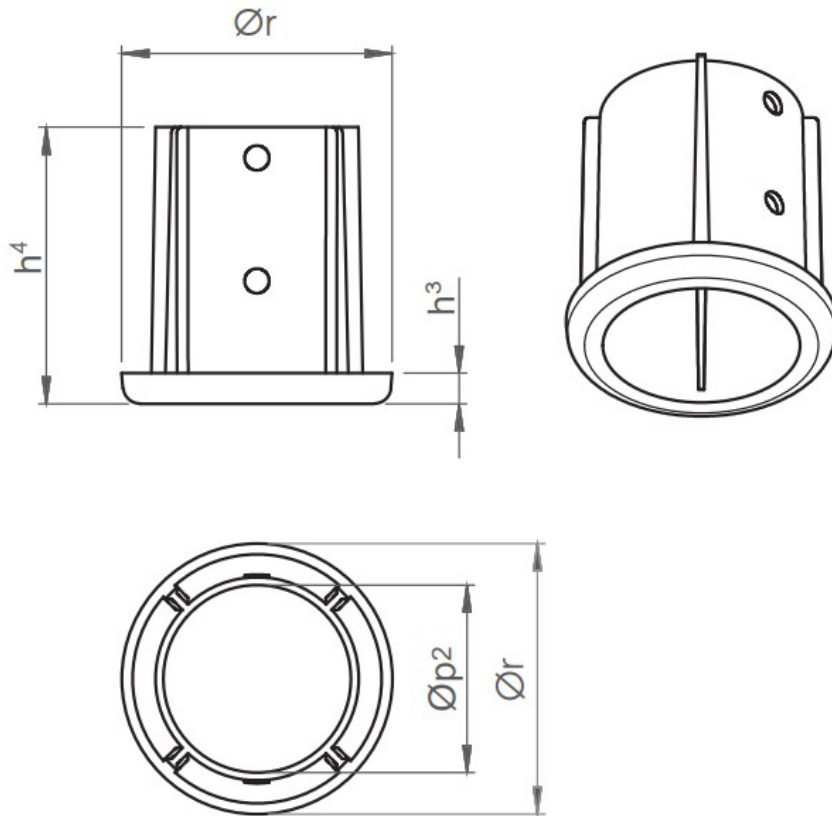
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<b>Materials</b>	Body: virgin and recycled polyethylene Heat sink: die-cast aluminium LED modules: aluminium Optics: PMMA Screen: tempered flat glass, 5 mm thickness Gaskets: silicone Anti-condensation valves: PA (polyamide) Accessories: galvanised steel Screws: stainless steel
<b>Service life</b>	Body: >50 years Components: >10 years
<b>Dimensions and weight</b>	Ø625 x h735 mm   10,00 kg
<b>Wind exposure</b>	Base: 0,307 mq Lateral: 0,130 mq
<b>Packaging</b>	Primary: W650 x L650 x H800 mm 11,5 kg 1 pcs / box (eco-friendly packaging)  Tertiary: W800 x L1.300 x H1.750 mm 60,0 kg 4 pcs / pallet (eco-friendly packaging)

Tolerance: luminous flux +/-5%; power consumption +/- 5%;  
dimensions +/-1%; weight +/-3%

MOUNTING ACCESSORIES

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Optional:  
Code KM-OLIMPIA-P60 (adapter for  $\text{Ø60}$  mm pole)

$\text{Øp2} = \text{Ø60}$  mm pole - 90 mm depth |  $\text{Ør} = 88$  mm |  $h^3 = 10$  mm |  $h^4 = 90$  mm | Weight = 0,18 kg

FINISHES

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Batch-dyed colours



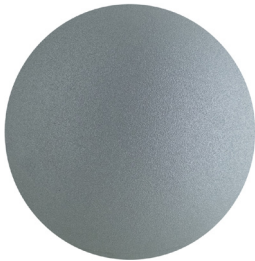
VBLK (graphite black)



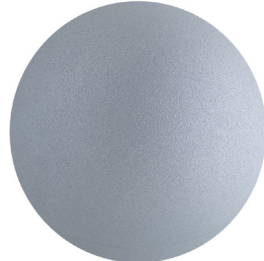
VNTH (antracite)



VBZM (metallic bronze)



VGRM (metallic grey)



VGY1 (grey)



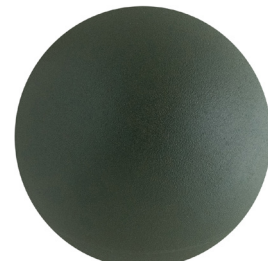
VWH1 (white)



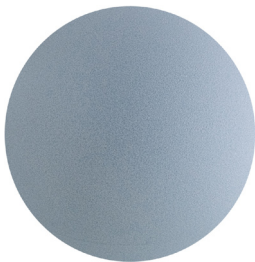
VCRT (marte)



VCR1 (venere)



VGRN (green)



VTQ1 (urano)

Colours in recycled plastic



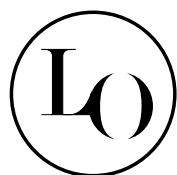
RTTN (antares)



RBLK (callisto)

# OLIMPIA S

design LORELUX®



LORELUX

LORELUX - OLIMPIA S DATASHEET





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<b>Concept</b>	Simple and functional design for a sustainable and resistant urban lighting with an easy maintenance.
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<b>Description</b>	Olimpia is a LED urban luminaire suitable for illuminating parks, squares and city roads. Its lighting body is made from innovative plastic materials that respect urban ecology and resist corrosion, extreme temperatures (from - 60°C to + 80°C) and UV discolouration thanks to the innovative Rotoskin® patented system, a covering providing a protective shield on all exposed surfaces of the luminaire. Olimpia includes post top and post top on arm mounting, and both suspended and on catenary mounting. In addition, it offers a wide range of finishes and photometries, as well as remote-control devices guaranteeing further savings and road safety.
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<b>Materials</b>	The mono-material lighting body is made from batch-dyed virgin polyethylene and recovered polyethylene, a material immune to corrosion by atmospheric agents and pollutants, and resistant to UV rays and tractions. The recovered polyethylene can derive from post-process polyethylene (concentration of at least 70% of polyethylene from clean and industrial waste) or from post-consumer plastics (concentration of at least 50% of polyethylene deriving from separate household waste collection).
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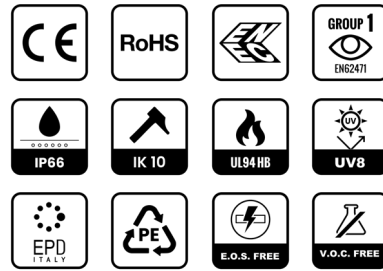
**Product's preview**



Pluses

- Lighting fixture's useful service life of over 50 years
- Immunity to corrosion by atmospheric agents and pollutants
- Resistance to impacts and vandalism
- No flaking or discolouration over time
- Interchangeable LED engine for upgrades and/or repairs
- Wide range of finishes from both virgin and recovered polyethylene
- Wide range of photometries in order to meet all lighting needs

Certifications



Application areas



Mountings

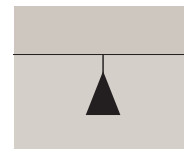
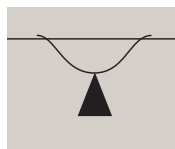
Mast arm  
Code **KM-OLIMPIA-S**

Wall suspended on arm  
Code **KM-OLIMPIA-S**



Suspended on catenary  
Code **KM-OLIMPIA-T**

Ceiling suspension  
Code **KM-OLIMPIA-S**





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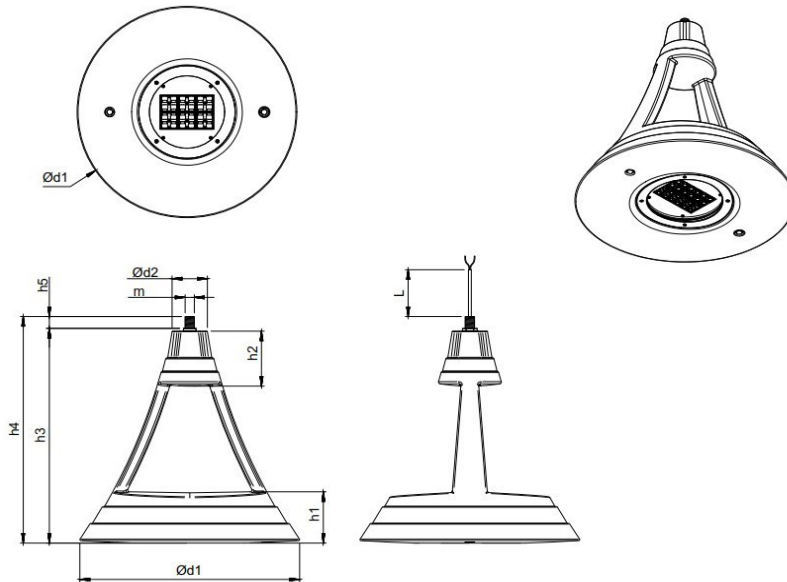
Installation examples



LORELUX - OLIMPIA S DATASHEET

Technical drawing standard model

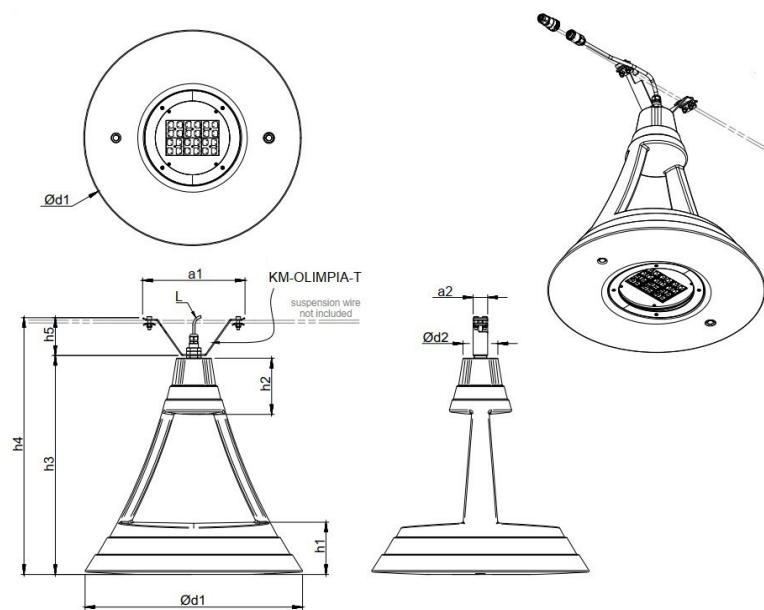
Suspended mounting: Olimpia-S luminaire + KM-OLIMPIA-S mounting kit



DIMENSION TABLE	
d1 =	Ø625 mm
d2 =	Ø100 mm
h1 =	154 mm
h2 =	163 mm
h3 =	635 mm
h4 =	670 mm
h5 =	35 mm
m =	Male Thread Standard 3/4" GAS DIN ISO 228
Outgoing cable length: L = 1000 mm	
Weight = 9,5 kg	
Wind exposure: Scx = 0,307 m <sup>2</sup> base = 0,130 m <sup>2</sup> lateral	

Technical drawing optional model

Suspended on catenary: Olimpia-S luminaire + KM-OLIMPIA-T mounting kit



DIMENSION TABLE	
d1 =	Ø625 mm
d2 =	Ø100 mm
h1 =	154 mm
h2 =	163 mm
h3 =	635 mm
h4 =	745 mm
h5 =	110 mm
Outgoing cable length: L = 500 mm	
Weight = 10,1 kg	
Wind exposure: Scx = 0,307 m <sup>2</sup> base = 0,130 m <sup>2</sup> lateral	

## LORELUX - OLIMPIA S DATASHEET

### MAIN FEATURES

<b>Manufacturer</b>	NITEKO S.R.L.
<b>Brand</b>	LORELUX®
<b>Series</b>	Olimpia   S model
<b>Device type</b>	LED urban luminaire
<b>Application areas</b>	Street, urban and residential lighting  Historic centres, squares, car parks and green areas  Pedestrian areas and cycle lanes
<b>Mounting</b>	Mast arm, wall suspended on arm, suspended on catenary, ceiling suspension
<b>Mounting accessories</b>	Standard suspended: KM-OLIMPIA-S (¾" GAS connection)  Optional suspended: · KM-OLIMPIA-1/2-INCH (½" GAS connection) · KM-OLIMPIA-1-INCH (1" GAS connection) · KM-S-60MM-3/4-INCH (60mm adapter - ¾" GAS)  Optional on catenary: KM-OLIMPIA-T (Mounting kit for suspension on catenary)
<b>Protection rating</b>	Physical: IP66 Mechanical: IK10 Chemical: VOC Free Electrical: EOS Free   SPD: CM ≤ 12 kV ; DM ≤ 12kV ; I ≤ 10kA Ultraviolet: UV8 (8.000 h) Flame: UL94 - HB Photobiological: RG1 (D > 1,97m)
<b>Temperature</b>	Operating: -40°C ÷ +45°C (Control via N.T.C.) Storage: -40°C ÷ +80°C
<b>Energy rating</b>	>A++
<b>Warranty</b>	Body: 20 years Light source: 10 years
<b>Certifications</b>	CE; RoHS; ENEC; UV8; EOS free; VOC free; RG1; UL94 HB; EPD Italy (Pending)
<b>Optical compartment/ Electric compartment</b>	Separated   Opening of the compartments after removal of the anti-fall fixing screws Optional   Tool Less Opening

# LORELUX - OLIMPIA S DATASHEET

## OPTICAL FEATURES

Light source	HI Power LED
LED modules	PCB, independent and replaceable
Optics	PMMA, independent and replaceable
Nominal luminous flux	2.173 ÷ 12.998 lm
Light source efficiency	<ul style="list-style-type: none"> <li>· <math>\eta_{LED} &gt; 180 \text{ lm/W}</math> (CCT &gt; 4.000 K / CRI &gt; 70)</li> <li>· <math>\eta_{LED} &gt; 170 \text{ lm/W}</math> (CCT &gt; 3.000 K / CRI &gt; 70)</li> <li>· <math>\eta_{LED} &gt; 160 \text{ lm/W}</math> (CCT &gt; 2.700 K / CRI &gt; 70)</li> <li>· <math>\eta_{LED} &gt; 150 \text{ lm/W}</math> (CCT &gt; 2.200 K / CRI &gt; 70)</li> </ul>



LORELUX - OLIMPIA S DATASHEET

Colour temperature	Standard CCT: 3.000K Optional CCT: 2.200K; 2.700K; 4.000K; 5.000K; 5.700K Colour stability: 3 Step MacAdam
Colour rendering index	Standard CRI: 70 Optional CRI: 80; 90
Photometries	Asymmetric; elliptic; rotosymmetric; symmetric; pedestrian
Optical accessories	B.L.S. ( Back Light Stop) Code: KM - OLIMPIA - BLS
Optical performance	Standard: $\eta_{OPT}$ : 79 ÷ 90 % Optional with KM - OLIMPIA - BLS accessory: $\eta_{OPT}$ : 69 ÷ 81%
Lighting fixture efficiency	$\eta_{FIX}$ > 130 lm/W (CCT > 4.000 K / CRI > 70) $\eta_{FIX}$ > 125 lm/W (CCT > 3.000 K / CRI > 70) $\eta_{FIX}$ > 115 lm/W (CCT > 2.700 K / CRI > 70) $\eta_{FIX}$ > 105 lm/W (CCT > 2.200 K / CRI > 70)
Light intensity class	≥ G*2
Glare index	≥ D.4
ULR / ULOR	0,00%
Service life	L98 B10: > 100.000 h (TJ = 85 ° C   IF ≤ 500mA) L90 B10: > 120.000 h (TJ = 85 ° C   IF ≤ 500mA) L80 B10: > 270.000 h (TJ = 85 ° C   IF ≤ 500mA) L70 B10: > 450.000 h (TJ = 85 ° C   IF ≤ 500mA)



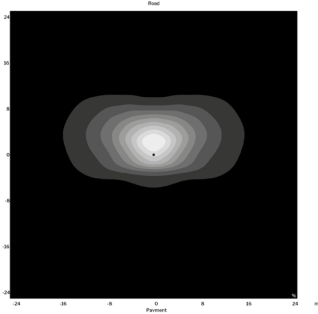
LORELUX - OLIMPIA S DATASHEET

CONFIGURATIONS

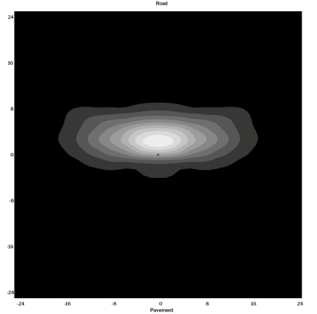
Model	Power [W]	Nominal luminous flux [lm]			
		4.000 K   CRI 70 5.000 K   CRI 70 5.700 K   CRI 70	3.000 K   CRI 70	2.700 K   CRI 70 4.000 K   CRI 80	2.200 K   CRI 70 2.700 K   CRI 80 3.000 K   CRI 80 5.700 K   CRI 90
OLIMPIA-S 15 W	15,7	2.823	2.694	2.440	2.173
OLIMPIA-S 20 W	20,8	3.860	3.672	3.333	2.961
OLIMPIA-S 30 W	24,6	4.533	4.314	3.913	3.470
	30,9	5.582	5.298	4.816	4.260
OLIMPIA-S 40 W	34,6	6.172	5.852	5.323	4.692
	39,2	6.882	6.519	5.930	5.209
OLIMPIA-S 50 W	36,4	6.896	6.564	5.957	5.299
	40,7	7.721	7.343	6.667	5.923
	46,5	8.798	8.370	7.595	6.739
	51,3	9.591	9.120	8.279	7.341
OLIMPIA-S 60 W	54,6	10.115	9.611	8.730	7.738
	62,0	11.426	10.842	9.858	8.713
OLIMPIA-S 70 W	64,0	11.819	11.211	10.196	9.002
	71,4	12.998	12.319	11.209	9.857

PHOTOMETRIES

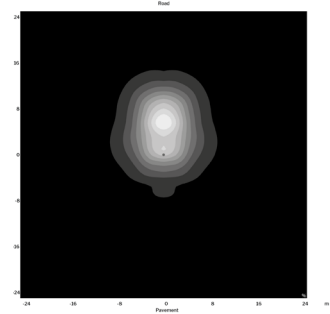
Asymmetric



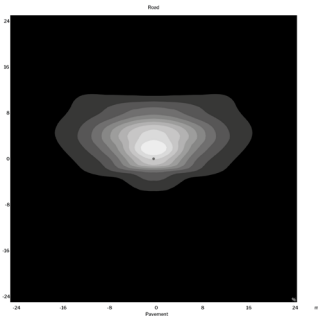
Code A1 ( $\eta = 84\% \mid G^*6$ )



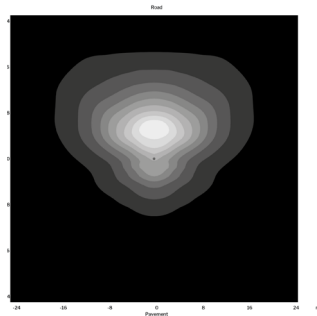
Code A2 ( $\eta = 84\% \mid G^*4$ )



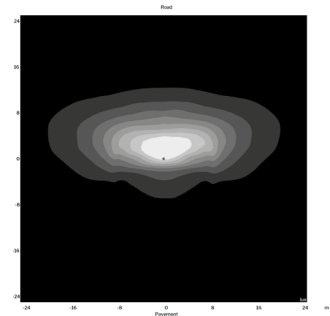
Code A3 ( $\eta = 87\% \mid G^*6$ )



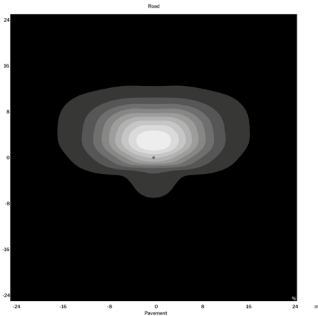
Code A4 ( $\eta = 83\% \mid G^*6$ )



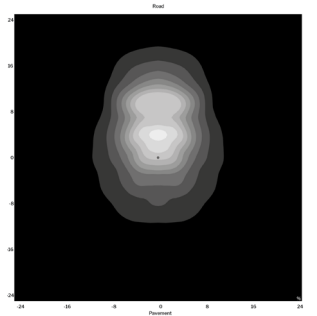
Code A7 ( $\eta = 79\% \mid G^*2$ )



Code A8 ( $\eta = 82\% \mid G^*1$ )

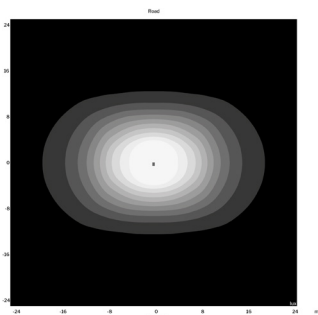


Code A9 ( $\eta = 85\% \mid G^*4$ )



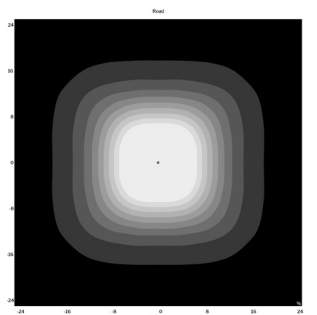
Code A13 ( $\eta = 81\% \mid G^*6$ )

Elliptic



Code E3 ( $\eta = 87\% \mid G^*6$ )

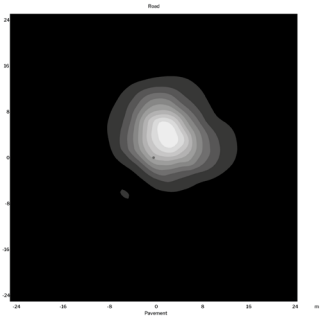
Rotosymmetric



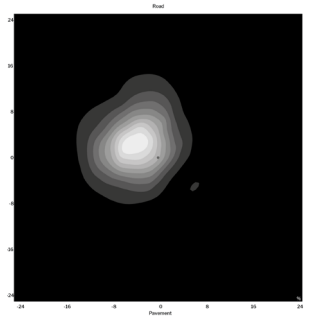
Code R1 ( $\eta = 82\% \mid G^*6$ )

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Pedestrian



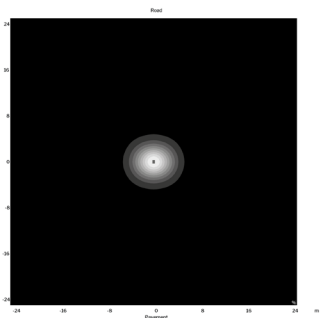
Codice PCDX ( $\eta = 85\% \mid G^*6$ )



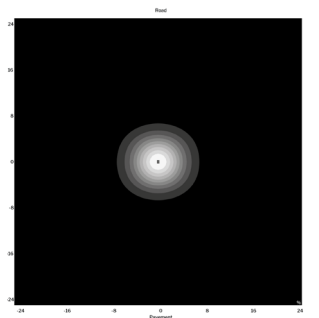
Codice PCSX ( $\eta = 85\% \mid G^*6$ )

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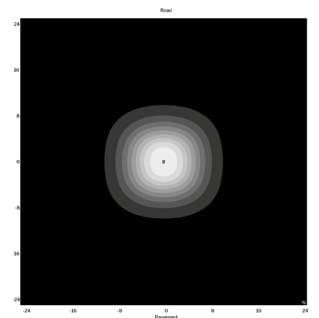
Symmetric



Code 25 ( $\eta = 90\% \mid G^*6$ )



Code 50 ( $\eta = 90\% \mid G^*6$ )



Code 100 ( $\eta = 86\% \mid G^*6$ )

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Optional

Other photometries available on request.

OPTICAL ACCESSORIES

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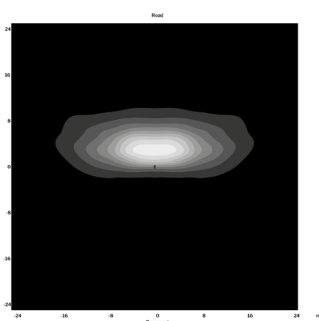
Code **KM-OLIMPIA-BLS**



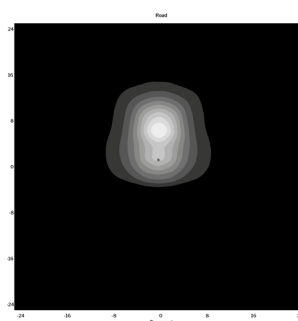
PHOTOMETRIES WITH **KM-OLIMPIA-BLS** OPTICAL ACCESSORY

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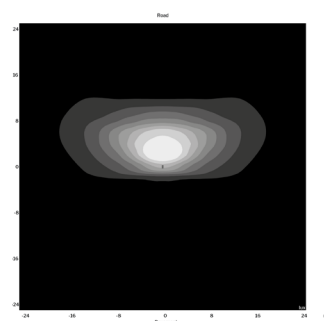
Asymmetric



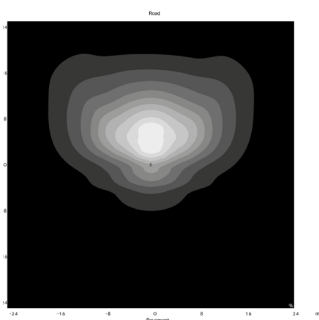
Code **BA2** ( $\eta = 79\%$  |  $G^*6$ )



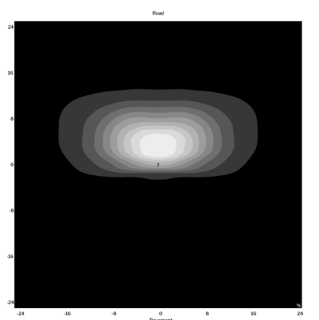
Code **BA3** ( $\eta = 81\%$  |  $G^*4$ )



Code **BA4** ( $\eta = 77\%$  |  $G^*6$ )



Code **BA7** ( $\eta = 69\%$  |  $G^*6$ )



Code **BA9** ( $\eta = 81\%$  |  $G^*2$ )

## LORELUX - OLIMPIA S DATASHEET

### ELECTRICAL FEATURES

<b>Power supply</b>	Standard 240V AC : 175 ÷ 264 V AC; 50 / 60 Hz Optional 240V AC: 120 ÷ 277 V AC; 50 / 60 Hz Optional 12V DC: 9 ÷ 18 V DC Optional 24V DC: 18 ÷ 32 V DC
<b>LED power current</b>	$I_f \leq 500 \text{ mA}$
<b>Insulation class</b>	Standard: class II Optional: class I
<b>Power</b>	15 ÷ 70W
<b>Power factor</b>	PF > 0,97 (Active PFC)
<b>Electrical efficiency</b>	$\eta_{EL} : 83 \div 92 \%$
<b>Electrical connection</b>	External power cable (IP66 protected electrical connector). Standard length: 1,0 m  Standard Cable (Class II): H07RN-F 2x1,5mmq; Optional Cable (Class I): H07RN-F 3x1,5mmq; Optional Cable (DALI): H07RN-F 5x1,5mmq;
<b>Electrical protection</b>	Built-in SPD: C.M. $\leq 12 \text{ kV}$ ; D.M. $\leq 12 \text{ kV}$ ; $I \leq 10 \text{ kA}$

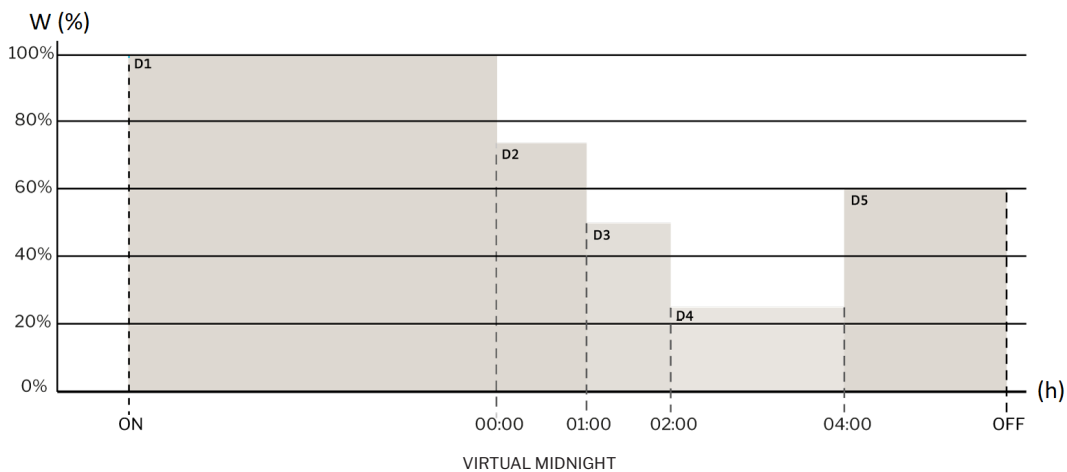


CONTROL FEATURES

<b>Autonomous dimming</b>	K-OLIMPIA-PRG5: automatic control up to 5 daily profiles
	K-OLIMPIA-CLO.LITE: constant lighting control during the lifetime with a single profile
	K-OLIMPIA-CLO.FULL: constant lighting control during the lifetime up to 20 profiles
<b>Control cable dimming</b>	K-OLIMPIA-DIM: 1-10V analogue control
	K-OLIMPIA-DALI: DALI digital control
	K-OLIMPIA-D4i: DALI 2.0 / AUX 24 V DC digital control
<b>Power Line control dimming</b>	K-OLIMPIA-PLV: Power Line Voltage control
<b>Radio wave control</b>	K-OLIMPIA-NEMASCK: control with NEMA device
	K-OLIMPIA-ZAGHASCK: control with ZHAGA device

CONTROL FUNCTIONS

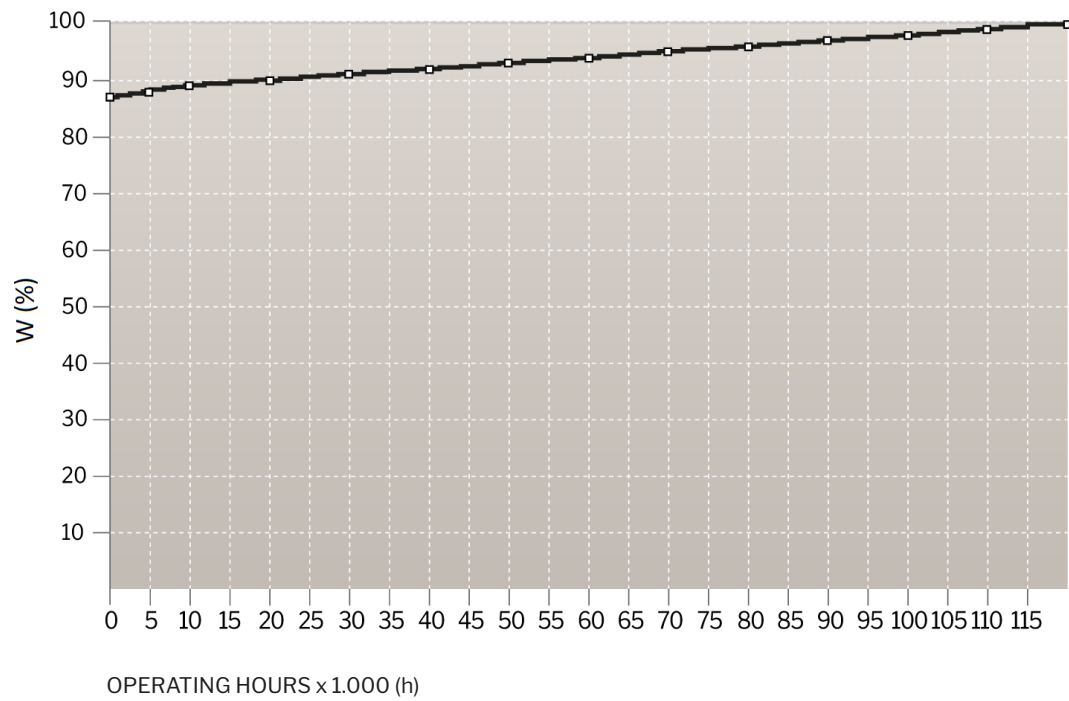
PRG5 module



The PRG module allows to control and reduce the luminous flux of the lighting fixture from 10% to 100% of the maximum value, without the use of dedicated cables

- D1: time slot ON - 23:59 → power 100%
- D2: time slot 00:00 - 00:59 → power 75%
- D3: time slot 01:00 - 01:59 → power 50%
- D4: time slot 02:00 - 03:59 → power 25%
- D5: time slot 04:00 - OFF → power 60%

CLO module

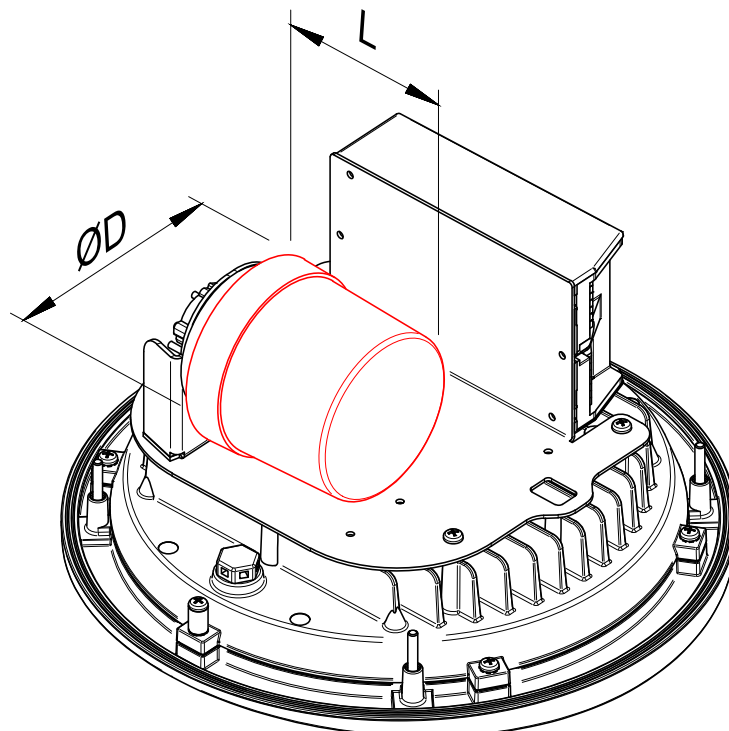
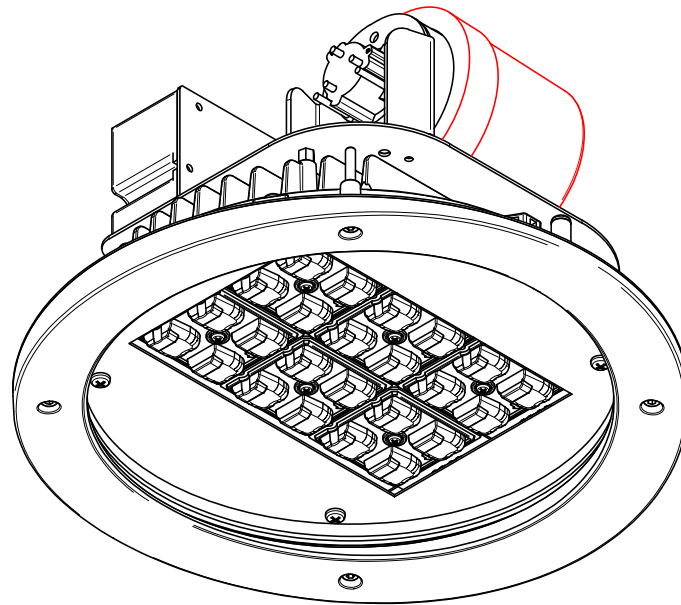


The CLO function allows to gradually increase the level of light output over time from a lower initial luminous flux up to 100%, thus compensating the luminous flux degradation of the LED module during the lighting fixture entire lifetime. It can also serve as a means to reduce energy consumption.

ELECTRIC COMPARTMENT

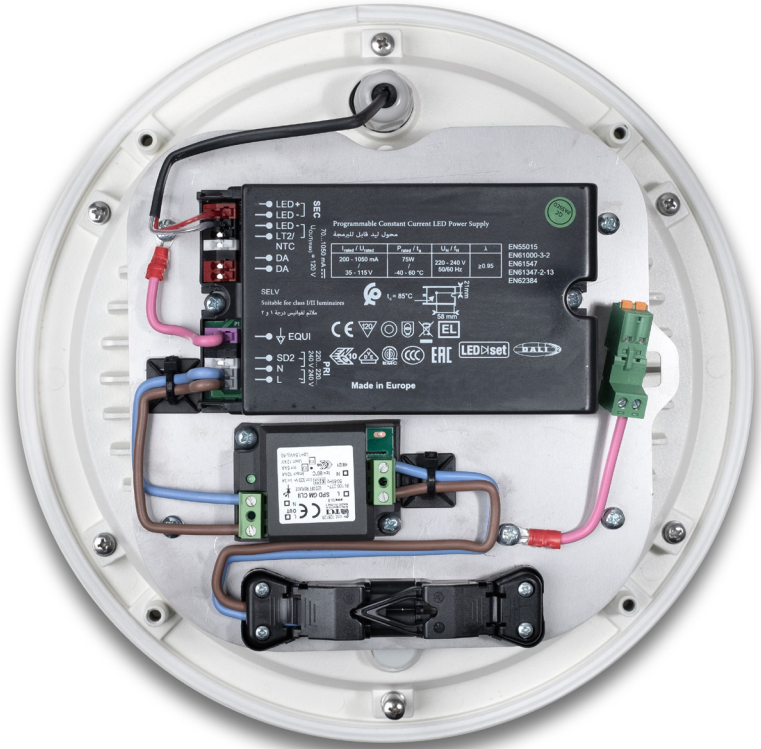
Maximum possible  
dimensions for  
remote-control devices:

Ø84 x h74mm





# LORELUX - OLIMPIA S DATASHEET



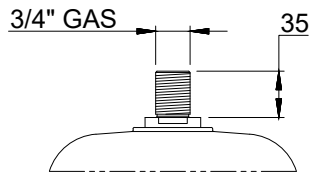
# LORELUX - OLIMPIA S DATASHEET

## MECHANICAL FEATURES

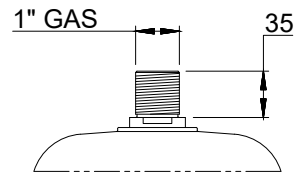
<b>Materials</b>	Body: virgin and recycled polyethylene Heat sink: die-cast aluminium LED modules: aluminium Optics: PMMA Screen: tempered flat glass, 5 mm thickness Gaskets: silicone Anti-condensation valves: PA (polyamide) Accessories: galvanised steel Screws: stainless steel
<b>Service life</b>	Body: >50 years Components: >10 years
<b>Dimensions and weight</b>	Suspended model: Ø625 x h 670 mm   9,50 kg  On catenary model: Ø625 x h 745 mm   10,10 kg
<b>Wind exposure</b>	Base: 0,307 mq Lateral: 0,130 mq
<b>Packaging</b>	Primary (suspended): W650 x L650 x H800 mm 11,5 kg 1 pcs / box (eco-friendly packaging)  Tertiary (suspended): W800 x L1.300 x H1.750 mm 60,0 kg 4 pcs / pallet (eco-friendly packaging)  Primary (on catenary): W650 x L650 x H800 mm 12,5 kg 1 pcs / box (eco-friendly packaging)  Tertiary (on catenary): W800 x L1.300 x H1.750 mm 70,0 kg 4 pcs / pallet (eco-friendly packaging)  Tolerance: luminous flux +/-5%; power consumption +/- 5%; dimensions +/-1%; weight +/-3%

# LORELUX - OLIMPIA S DATASHEET

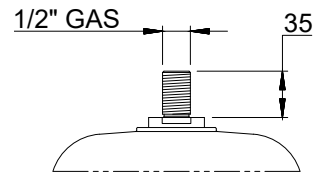
## MOUNTING ACCESSORIES



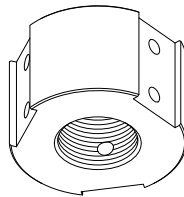
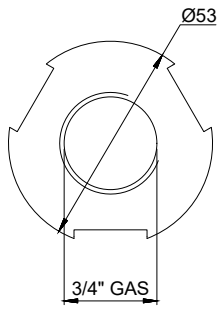
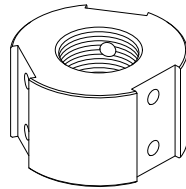
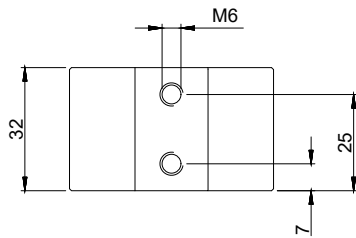
Standard:  
Code KM-OLIMPIA-S



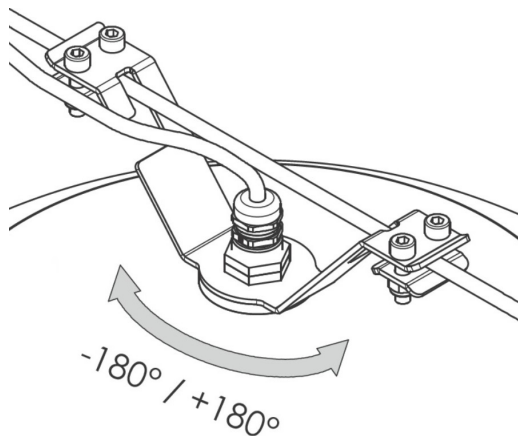
Optional:  
Code KM-OLIMPIA-1-INCH



Optional:  
Code KM-OLIMPIA-1/2-INCH



Optional:  
3/4" GAS adapter for Ø60mm poles.  
Code KM-S-60MM-3/4-INCH



Optional:  
Code KM-OLIMPIA-T

FINISHES

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Batch-dyed colours



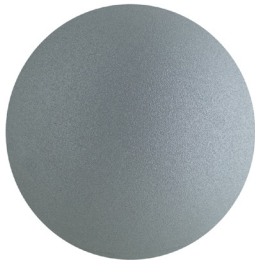
VBLK (graphite black)



VNTH (anthracite)



VBZM (metallic bronze)



VGRM (metallic grey)



VGY1 (grey)



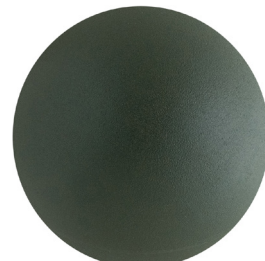
VWH1 (white)



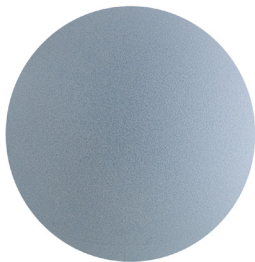
VCRT (marte)



VCR1 (venere)



VGRN (green)



VTQ1 (urano)

Colours in recycled plastic



RTTN (antares)



RBLK (callisto)