Lark

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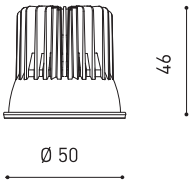
Dimensions



	PRODUCT
Name	LARK 50 CITIZEN 7.5W 2700K 38º + DRIVER DIM PH.CUT 200mA + BOX
Reference	04340103
Category	LAMPS

	LIGHT SOURCE
Type	LED
Gross luminous flux	950 lm
Colour temperature	2700 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>80
Power	7,5 W
Current	200 mA
Efficacy	127 lm/W
LED lifespan	L90B10 >55.000h
Energy efficiency class	E

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Net luminous flux	874 lm
Lighting efficiency	92%
Light beam angle	38°

	LIGHTING FIXTURE | ELECTRICAL DATA
Driver	Included - Fast Connect
Power values of the system	8,99 W
Frequency	50/60 Hz
Dimming	Phase Cut - Other DIM, please consult

	OTHER DATA
Wireless control	Please Consult
Emergency power supply	Please Consult
Weight	100 g
Packaged weight	125 g
Packaging dimensions	52 x 52 x 51mm
Units per package	1

CE

50mm LED lamps with the finest quality and best performance do have a brand: LARK. With dim option and above all an outstanding luminous flux.

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Lighting technical data

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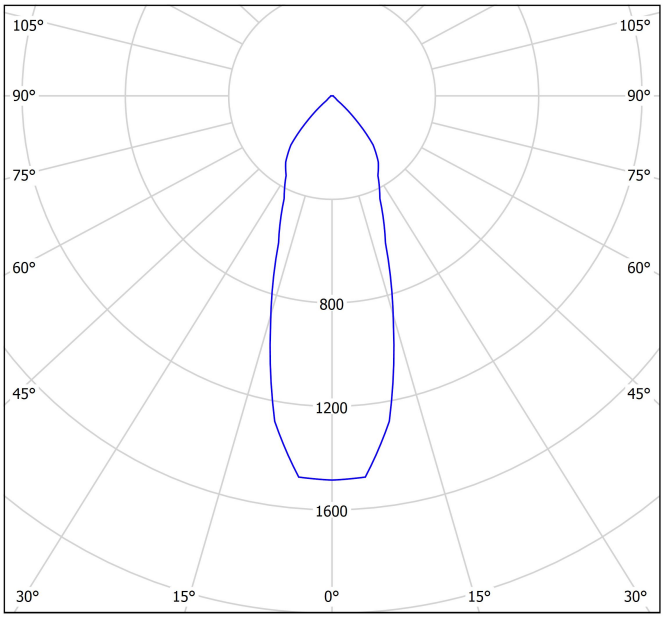
Polar diagram

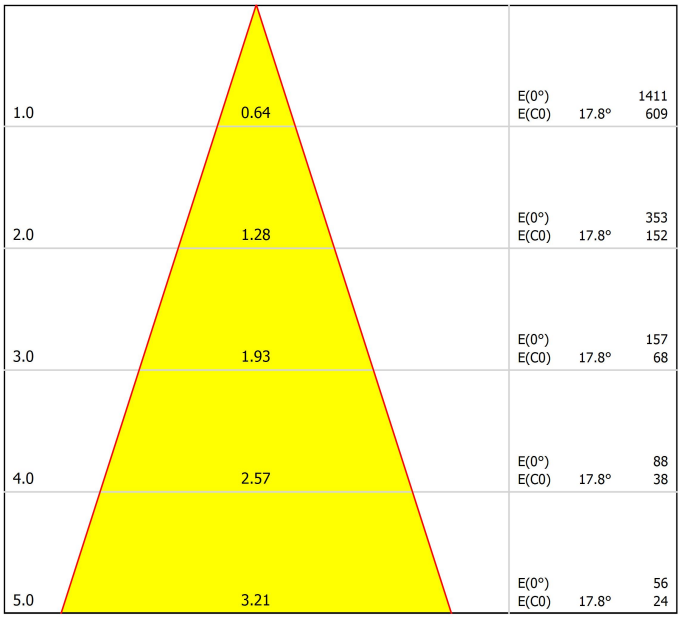


cd/klm

η = 92%

C0 - C180 C90 - C270

Conical diagram



Distance [m] Cone Diameter [m] Illuminance [lx]

C0 - C180 (Half-value Angle: 35.6°)

UGR

Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	13.0	13.8	13.3	14.0	14.2	13.0	13.8	13.3	14.0	14.2
	3H	14.1	14.8	14.4	15.1	15.3	14.1	14.8	14.4	15.1	15.3
	4H	14.8	15.5	15.1	15.7	16.0	14.8	15.5	15.1	15.7	16.0
	6H	15.8	16.4	16.1	16.7	17.0	15.8	16.4	16.1	16.7	17.0
	8H	16.4	17.0	16.8	17.3	17.6	16.4	17.0	16.8	17.3	17.6
	12H	17.2	17.8	17.6	18.1	18.4	17.2	17.8	17.6	18.1	18.4
4H	2H	13.3	14.0	13.6	14.2	14.5	13.3	14.0	13.6	14.2	14.5
	3H	14.7	15.2	15.0	15.5	15.9	14.7	15.2	15.0	15.5	15.9
	4H	15.6	16.1	16.0	16.4	16.8	15.6	16.1	16.0	16.4	16.8
	6H	16.9	17.3	17.3	17.7	18.0	16.9	17.3	17.3	17.7	18.0
	8H	17.7	18.1	18.1	18.5	18.9	17.7	18.1	18.1	18.5	18.9
	12H	18.7	19.0	19.1	19.4	19.8	18.7	19.0	19.1	19.4	19.8
8H	4H	16.0	16.4	16.5	16.8	17.2	16.0	16.4	16.5	16.8	17.2
	6H	17.6	17.9	18.1	18.3	18.8	17.6	17.9	18.1	18.3	18.8
	8H	18.6	18.9	19.1	19.3	19.8	18.6	18.9	19.1	19.3	19.8
	12H	19.9	20.1	20.4	20.6	21.1	19.9	20.1	20.4	20.6	21.1
12H	4H	16.2	16.5	16.6	16.9	17.3	16.2	16.5	16.6	16.9	17.3
	6H	17.9	18.1	18.3	18.5	19.0	17.9	18.1	18.3	18.5	19.0
	8H	19.0	19.2	19.5	19.7	20.2	19.0	19.2	19.5	19.7	20.2

Variation of the observer position for the luminaire distances S

S = 1.0H S = 1.5H S = 2.0H	+2.2 / -3.6 +3.9 / -4.2 +5.8 / -4.7	+2.2 / -3.6 +3.9 / -4.2 +5.8 / -4.7
Standard table	BK01	BK01
Correction Summand	5.2	5.2

Corrected Glare Indices referring to 950lm Total Luminous Flux

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Phase Cut dimmers compatibility

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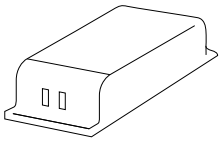

DRIVER	
0433-01-28	DRIVER LED 7.5W 200mA DIM PH.CUT

PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

Brand / Manufacturer	Model number	Dimming Type
Busch	2247U	Leading edge
Busch	6523 U	Leading edge
Legrand	Cat 400T	Trailing edge
Legrand	6708300%	Trailing edge
Legrand	77006200%	Trailing edge
NIKO	310-01900	Trailing edge
NIKO	310-02700	Trailing edge
NIKO	310-02800	Trailing edge
OSRAM	MCU Te250	Trailing edge
Siemens	5TC8 284	Trailing edge
Diginet	MEDM/LED Smart phase (DGLCDM400)	Trailing edge
Clipsal	32ELEDM	Trailing edge
Hager B&R	WBMD400LED	Trailing edge
V-PRO	250W MAX. GLS	Trailing edge
SG	LEDDIM 400	Trailing edge
ELKO	316 GLED	Leading edge
Hamilton	LEDIT-B100	Trailing edge
VLTIMATE	GU6012L	Trailing edge
SHUTTLE	SDIM-T-LED500W	Leading edge
RADIANT	LEDDIMO4-500W	Trailing edge
GIRA	238500%	Trailing /Leading edge
JUNG	122400%	Trailing /Leading edge

THE PARTICULAR CONDITIONS OF EACH INSTALLATION AND THE SPECIFICATIONS AND CONDITIONS OF USE OF EACH REGULATOR, MAY DIFFER FROM THOSE CONSIDERED IN THE COMPATIBILITY TESTING, AND AFFECT ITS PERFORMANCE IN SAID INSTALLATION.

FOR MORE INFO, PLEASE CONSULT

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Ecodesign and Energy Labelling

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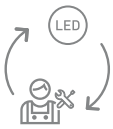


Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann

Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

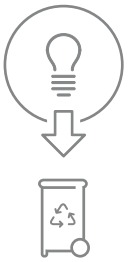
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

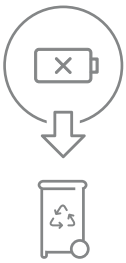
Auswechselbares Betriebsgerät durch autorisierten Fachmann

Instrucciones para el final de vida y la eliminación de los componentes:
Instructions on end-of-life and component disposal:
Instructions pour la gestion des composants en fin de vie et leur mise au rebut :
Istruzioni per il fine vita e lo smaltimento dei componenti:
Anweisungen zur entsorgung der Leuchtenkomponenten:

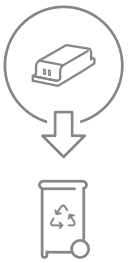
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho
Remove light source(s) for disposal
Retirer la (les) source(s) lumineuse(s) pour l'élimination
Rimuovere la/le sorgente/e di luce per lo smaltimento
Lichtquelle(n) zur Entsorgung entfernen

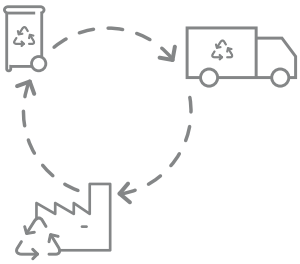


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho
Remove control gear for disposal
Retirer le dispositif de commande pour l'élimination
Rimuovere l'alimentatore per lo smaltimento
Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE
Send the materials to a WEEE collection centre
Envoyer les matériaux dans une déchetterie DEEE
Inviare i materiali ad un centro di raccolta RAEE
Die Materialien in einem WEEE-Zentrum entsorgen



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