

Kometa 300 LED

KOMETA 300 LED 3500LM 3000K DALI
2038593



Product features

- KOMETA 300 LED 3500LM 3000K DALI



PRODUCT OVERVIEW

IPC Code	2038593
Product name	KOMETA 300 LED 3500LM 3000K DALI
Technology	LED
Housing	ALUMINIUM
Mount	RECESSED
Fixture rating	Enclosed
General application	Office,
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4277692
Fixture luminous flux (lm)	3558
Luminaire efficacy (lm/W)	99
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	<21
Photobiological Risk Group	RG01
Total power consumption (W)	16/20
Electrical protection	Class II
Control gear type	Electronic dimmable DALI
Control gear mounting	REMOTE
Minimum dimming level (%)	1
Housing colour	WHITE - RAL9016
IP rating	IP20
IK rating	IK02
Product EAN number	5025768385935
Lamps	No
Included lamp	INTEGRATED LED

DATA TABLE

General data

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Housing	ALUMINIUM
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Fixture rating	Enclosed
General application	Office,
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4277692

Optical data

Fixture luminous flux (lm)	3558
Luminaire efficacy (lm/W)	99
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Distribution type	AMBIENT & DOWNLIGHT
Glare control	<21
Photobiological Risk Group	RG01

Electrical data

Total power consumption (W)	16/20
Mains voltage (V)	220-240V~
Lamp power factor	0.98
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic dimmable DALI
Control gear mounting	REMOTE
Minimum dimming level (%)	1
Drive current (mA)	350/700
Inrush Current (A)	36
Inrush Duration (µs)	140
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	18
Max. Luminaires per 13A C Breaker	25
Max. Luminaires per 16A C Breaker	30
Max. Luminaires per 20A C Breaker	38
Max. Luminaires per 10A B Breaker	11
Max. Luminaires per 13A B Breaker	15
Max. Luminaires per 16A B Breaker	18
Max. Luminaires per 20A B Breaker	23

Lifetime data

Lumen maintenance - L70 B50	50000
Lumen maintenance - L80 B50	50000
Lumen maintenance - L80 B10	50000

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Lumen maintenance - L90 B50 36000

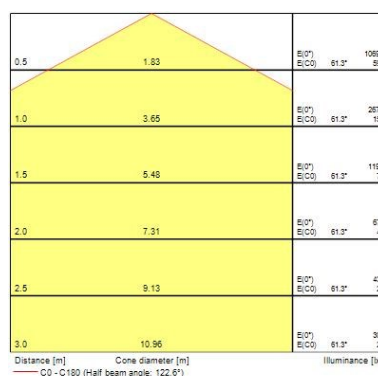
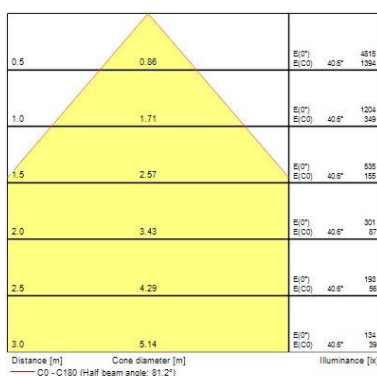
Physical data

Housing colour	WHITE - RAL9016
IP rating	IP20
IK rating	IK02
Diffuser finish	OPAL
Diffuser material	POLYCARBONATE
Reflector finish	SPECULAR
Nominal Product Length (mm)	300
Nominal Product Width (mm)	300
Nominal Product Height (mm)	110
Nominal Product Diameter (mm)	300
Weight (kg)	3.15

Packaging

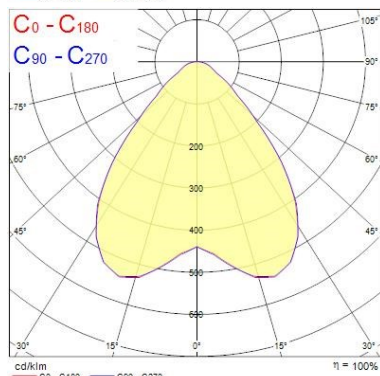
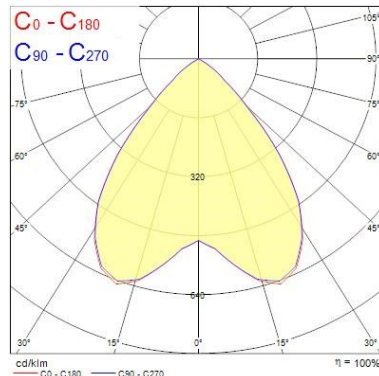
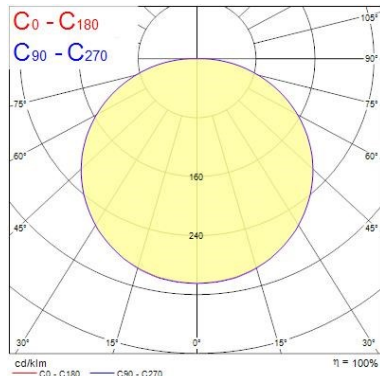
Single packaging type	Carton
Product EAN number	5025768385935
Packaging single length / height (cm)	41.0
Packaging single width (cm)	36.0
Packaging single depth (cm)	22.0
DUN14 (outer)	05025768385935
Units per outer package	1
Packaging outer length / height (cm)	41.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	22.0

PHOTOMETRY



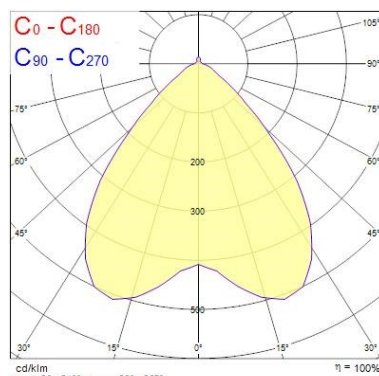
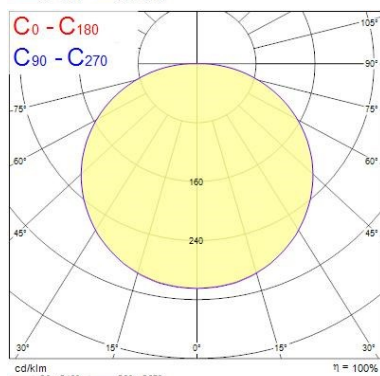
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Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(90°) E(C90)
0.5	0.89	6077 41.8°	1569
1.0	1.79	1519 41.8°	382
1.5	2.68	679 41.8°	174
2.0	3.58	380 41.8°	96
2.5	4.47	243 41.8°	63
3.0	5.36	169 41.8°	44

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 83.6°)



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(90°) E(C90)
0.5	1.86 1.85	1227 61.7°	65 65
1.0	3.71 3.70	307 61.7°	16 17
1.5	5.57 5.55	136 61.7°	7 7
2.0	7.43 7.40	77 61.7°	4 4
2.5	9.29 9.25	49 61.7°	3 3
3.0	11.14 11.10	34 61.7°	2 2

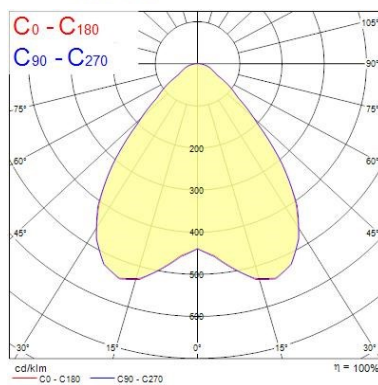
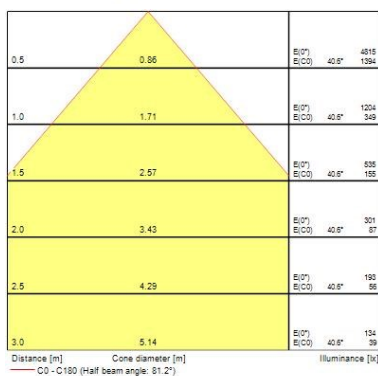
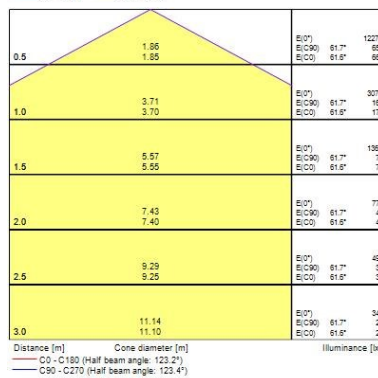
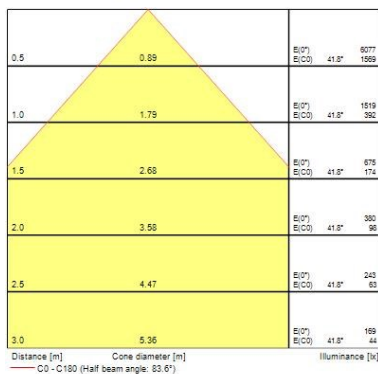
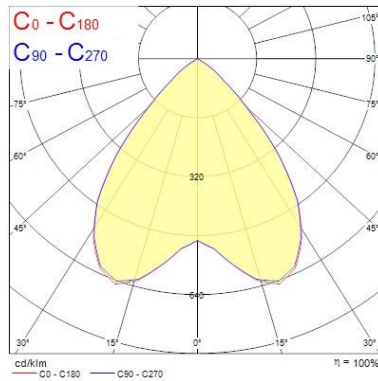
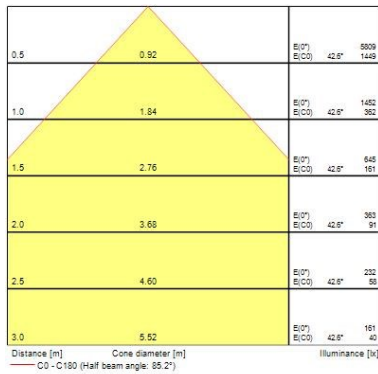
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 123.2°)
C90 - C270 (Half beam angle: 123.4°)

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(90°) E(C90)
0.5	0.87	4762 40.9°	1359
1.0	1.73	1190 40.9°	340
1.5	2.60	529 40.9°	151
2.0	3.46	296 40.9°	85
2.5	4.33	190 40.9°	54
3.0	5.20	132 40.9°	38

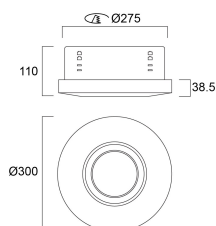
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 81.8°)

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TECHNICAL DRAWINGS



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