

Kometa 300 LED

KOMETA 300 LED 3500LM 3000K
2038585



Product features

- KOMETA 300 LED 3500LM 3000K



PRODUCT OVERVIEW

IPC Code	2038585
Product name	KOMETA 300 LED 3500LM 3000K
Technology	LED
Housing	ALUMINIUM
Mount	RECESSED
Fixture rating	Enclosed
General application	Office,
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4277688
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
Control gear mounting	REMOTE
Housing colour	WHITE - RAL9016
IP rating	IP20
IK rating	IK02
Product EAN number	5025768385850
Lamps	No
Included lamp	INTEGRATED LED

DATA TABLE

General data

IPC Code	2038585
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Technology	LED
Housing	ALUMINIUM
Mount	RECESSED
Fixture rating	Enclosed
General application	Office,
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4277688

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
Control gear mounting	REMOTE
Drive current (mA)	350/700
Inrush Current (A)	90
Inrush Duration (µs)	20
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	25
Max. Luminaires per 13A C Breaker	32
Max. Luminaires per 16A C Breaker	40
Max. Luminaires per 20A C Breaker	50
Max. Luminaires per 10A B Breaker	15
Max. Luminaires per 13A B Breaker	19
Max. Luminaires per 16A B Breaker	24
Max. Luminaires per 20A B Breaker	30

Lifetime data

Lumen maintenance - L70 B50	50000
Lumen maintenance - L80 B50	50000
Lumen maintenance - L80 B10	50000
Lumen maintenance - L90 B50	36000

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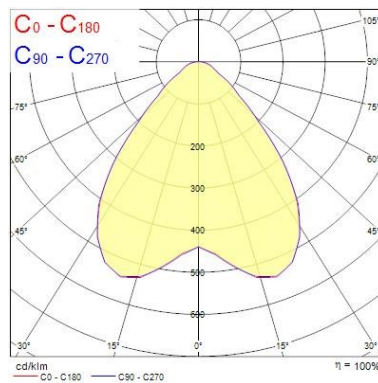
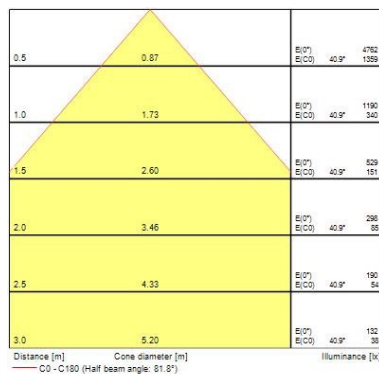
Physical data

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)	2.05

Packaging

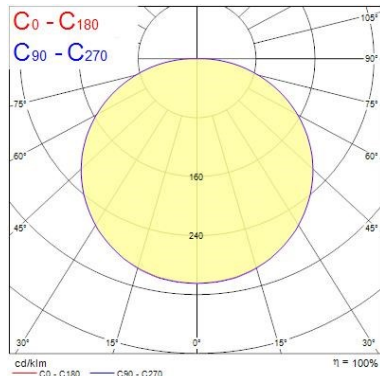
Single packaging type	Carton
Product EAN number	5025768385850
Packaging single length / height (cm)	41.0
Packaging single width (cm)	36.0
Packaging single depth (cm)	22.0
DUN14 (outer)	05025768385850
Units per outer package	1
Packaging outer length / height (cm)	41.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	22.0

PHOTOMETRY



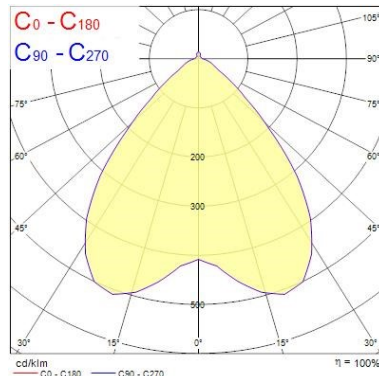
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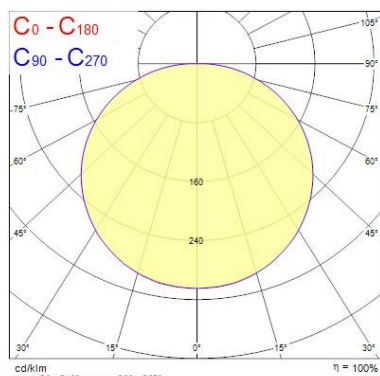
Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(180°) E(C180)	E(90°) E(C90)	E(270°) E(C270)
0.5	1.86	1227	65	61.7°	61.7°
1.0	3.71	307	16	61.7°	61.7°
1.5	5.57	136	7	61.7°	61.7°
2.0	7.43	77	4	61.7°	61.7°
2.5	9.29	49	3	61.7°	61.7°
3.0	11.14	32	2	61.7°	61.7°
3.0	11.10	32	2	61.7°	61.7°

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



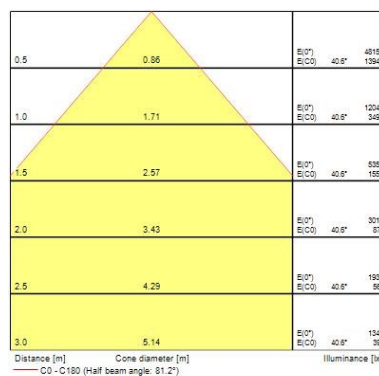
Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(180°) E(C180)	E(90°) E(C90)	E(270°) E(C270)
0.5	0.89	6077	1569	41.8°	41.8°
1.0	1.79	1519	392	41.8°	41.8°
1.5	2.68	678	174	41.8°	41.8°
2.0	3.58	380	96	41.8°	41.8°
2.5	4.47	243	63	41.8°	41.8°
3.0	5.36	169	44	41.8°	41.8°
3.0	5.36	169	44	41.8°	41.8°

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



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(180°) E(C180)	E(90°) E(C90)	E(270°) E(C270)
0.5	0.86	4915	1394	40.8°	40.8°
1.0	1.71	1204	349	40.8°	40.8°
1.5	2.57	535	155	40.8°	40.8°
2.0	3.43	301	87	40.8°	40.8°
2.5	4.29	190	56	40.8°	40.8°
3.0	5.14	134	39	40.8°	40.8°
3.0	5.14	134	39	40.8°	40.8°

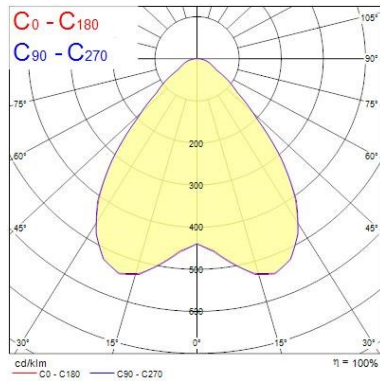
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 81.2°)
Illuminance [lx]



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(180°) E(C180)	E(90°) E(C90)	E(270°) E(C270)
0.5	0.89	6077	1569	41.8°	41.8°
1.0	1.79	1519	392	41.8°	41.8°
1.5	2.68	678	174	41.8°	41.8°
2.0	3.58	380	96	41.8°	41.8°
2.5	4.47	243	63	41.8°	41.8°
3.0	5.36	169	44	41.8°	41.8°
3.0	5.36	169	44	41.8°	41.8°

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

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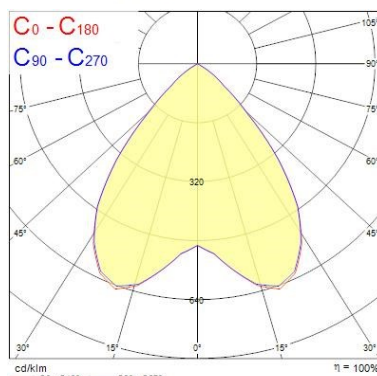


Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	1.86	123.2°	1227
1.0	3.71	123.2°	307
1.5	5.57	123.2°	136
2.0	7.43	123.2°	77
2.5	9.29	123.2°	48
3.0	11.14	123.2°	34

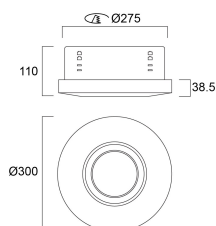
Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.86	40.6°	4518
1.0	1.71	40.6°	1204
1.5	2.57	40.6°	538
2.0	3.43	40.6°	301
2.5	4.29	40.6°	193
3.0	5.14	40.6°	134

Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	1.83	61.3°	1069
1.0	3.65	61.3°	267
1.5	5.48	61.3°	119
2.0	7.31	61.3°	67
2.5	9.13	61.3°	43
3.0	10.96	61.3°	33

Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.92	42.6°	5509
1.0	1.84	42.6°	1402
1.5	2.76	42.6°	648
2.0	3.68	42.6°	383
2.5	4.60	42.6°	232
3.0	5.52	42.6°	161



TECHNICAL DRAWINGS



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