

ISOLINE 3380MM 4K WD DA 8C

Item No: 0042534



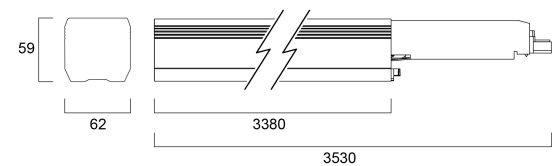
PRO



Isoline LED linear DALI dimmable luminaire for industrial and commercial applications. 3380 mm length with wide optics provide homogeneous light distribution for open areas. Suitable for DALI Dimming. Aluminium housing, RAL 9016. Max + 35 °C operating temperature range, 4000 K, CRI 80, UGR <25, 3 SDCM. 112 W power consumption, 16300 lm luminous flux, 145 lm/W efficacy, 3380 mm x 62 mm x 59 mm (L x W x H) dimensions, IP20, IK03, DC 50/60 Hz, Class I. Lifespan L70:B50 60,000 hours.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.56	87.8°	0.56	0.31	16300	52294
1.0	1.12	87.8°	1.12	1.26	16300	12824
1.5	1.68	87.8°	1.68	2.82	16300	5782
2.0	2.24	87.8°	2.24	5.01	16300	3254
2.5	2.80	87.8°	2.80	7.85	16300	2075
3.0	3.36	87.8°	3.36	11.31	16300	1441
3.5	3.92	87.8°	3.92	15.39	16300	1059
4.0	4.48	87.8°	4.48	20.11	16300	810
4.5	5.04	87.8°	5.04	25.49	16300	636
5.0	5.60	87.8°	5.60	31.51	16300	517
5.5	6.16	87.8°	6.16	38.19	16300	427
6.0	6.72	87.8°	6.72	45.51	16300	358
6.5	7.28	87.8°	7.28	53.49	16300	303
7.0	7.84	87.8°	7.84	62.11	16300	261
7.5	8.40	87.8°	8.40	71.49	16300	228
8.0	8.96	87.8°	8.96	81.61	16300	200
8.5	9.52	87.8°	9.52	92.49	16300	176
9.0	10.08	87.8°	10.08	104.11	16300	156
9.5	10.64	87.8°	10.64	116.49	16300	139
10.0	11.20	87.8°	11.20	129.61	16300	125
10.5	11.76	87.8°	11.76	143.49	16300	113
11.0	12.32	87.8°	12.32	158.11	16300	103
11.5	12.88	87.8°	12.88	173.49	16300	94
12.0	13.44	87.8°	13.44	189.61	16300	86
12.5	14.00	87.8°	14.00	206.49	16300	79
13.0	14.56	87.8°	14.56	224.11	16300	73
13.5	15.12	87.8°	15.12	242.49	16300	67
14.0	15.68	87.8°	15.68	261.61	16300	62
14.5	16.24	87.8°	16.24	281.49	16300	58
15.0	16.80	87.8°	16.80	302.11	16300	54
15.5	17.36	87.8°	17.36	323.49	16300	50
16.0	17.92	87.8°	17.92	345.61	16300	47
16.5	18.48	87.8°	18.48	368.49	16300	44
17.0	19.04	87.8°	19.04	392.11	16300	41
17.5	19.60	87.8°	19.60	416.49	16300	39
18.0	20.16	87.8°	20.16	441.61	16300	36
18.5	20.72	87.8°	20.72	467.49	16300	34
19.0	21.28	87.8°	21.28	494.11	16300	32
19.5	21.84	87.8°	21.84	521.49	16300	30
20.0	22.40	87.8°	22.40	549.61	16300	28
20.5	22.96	87.8°	22.96	578.49	16300	27
21.0	23.52	87.8°	23.52	608.11	16300	26
21.5	24.08	87.8°	24.08	638.49	16300	25
22.0	24.64	87.8°	24.64	669.61	16300	24
22.5	25.20	87.8°	25.20	701.49	16300	23
23.0	25.76	87.8°	25.76	734.11	16300	22
23.5	26.32	87.8°	26.32	767.49	16300	21
24.0	26.88	87.8°	26.88	801.61	16300	20
24.5	27.44	87.8°	27.44	836.49	16300	19
25.0	28.00	87.8°	28.00	872.11	16300	18
25.5	28.56	87.8°	28.56	908.49	16300	17
26.0	29.12	87.8°	29.12	945.61	16300	17
26.5	29.68	87.8°	29.68	983.49	16300	16
27.0	30.24	87.8°	30.24	1021.61	16300	15
27.5	30.80	87.8°	30.80	1060.49	16300	14
28.0	31.36	87.8°	31.36	1100.11	16300	14
28.5	31.92	87.8°	31.92	1140.49	16300	13
29.0	32.48	87.8°	32.48	1181.61	16300	13
29.5	33.04	87.8°	33.04	1223.49	16300	12
30.0	33.60	87.8°	33.60	1266.11	16300	12
30.5	34.16	87.8°	34.16	1309.49	16300	11
31.0	34.72	87.8°	34.72	1353.61	16300	11
31.5	35.28	87.8°	35.28	1398.49	16300	10
32.0	35.84	87.8°	35.84	1443.61	16300	10
32.5	36.40	87.8°	36.40	1489.49	16300	9
33.0	36.96	87.8°	36.96	1535.61	16300	9
33.5	37.52	87.8°	37.52	1582.49	16300	8
34.0	38.08	87.8°	38.08	1629.61	16300	8
34.5	38.64	87.8°	38.64	1677.49	16300	7
35.0	39.20	87.8°	39.20	1725.61	16300	7
35.5	39.76	87.8°	39.76	1774.49	16300	6
36.0	40.32	87.8°	40.32	1823.61	16300	6
36.5	40.88	87.8°	40.88	1873.49	16300	5
37.0	41.44	87.8°	41.44	1923.61	16300	5
37.5	42.00	87.8°	42.00	1974.49	16300	4
38.0	42.56	87.8°	42.56	2025.61	16300	4
38.5	43.12	87.8°	43.12	2077.49	16300	4
39.0	43.68	87.8°	43.68	2129.61	16300	3
39.5	44.24	87.8°	44.24	2182.49	16300	3
40.0	44.80	87.8°	44.80	2235.61	16300	3
40.5	45.36	87.8°	45.36	2289.49	16300	2
41.0	45.92	87.8°	45.92	2343.61	16300	2
41.5	46.48	87.8°	46.48	2398.49	16300	2
42.0	47.04	87.8°	47.04	2453.61	16300	1
42.5	47.60	87.8°	47.60	2509.49	16300	1
43.0	48.16	87.8°	48.16	2565.61	16300	1
43.5	48.72	87.8°	48.72	2622.49	16300	0
44.0	49.28	87.8°	49.28	2679.61	16300	0
44.5	49.84	87.8°	49.84	2737.49	16300	0
45.0	50.40	87.8°	50.40	2795.61	16300	0
45.5	50.96	87.8°	50.96	2854.49	16300	0
46.0	51.52	87.8°	51.52	2913.61	16300	0
46.5	52.08	87.8°	52.08	2973.49	16300	0
47.0	52.64	87.8°	52.64	3033.61	16300	0
47.5	53.20	87.8°	53.20	3094.49	16300	0
48.0	53.76	87.8°	53.76	3155.61	16300	0
48.5	54.32	87.8°	54.32	3217.49	16300	0
49.0	54.88	87.8°	54.88	3279.61	16300	0
49.5	55.44	87.8°	55.44	3342.49	16300	0
50.0	56.00	87.8°	56.00	3405.61	16300	0
50.5	56.56	87.8°	56.56	3469.49	16300	0
51.0	57.12	87.8°	57.12	3533.61	16300	0
51.5	57.68	87.8°	57.68	3598.49	16300	0
52.0	58.24	87.8°	58.24	3663.61	16300	0
52.5	58.80	87.8°	58.80	3729.49	16300	0
53.0	59.36	87.8°	59.36	3795.61	16300	0
53.5	59.92	87.8°	59.92	3862.49	16300	0
54.0	60.48	87.8°	60.48	3929.61	16300	0
54.5	61.04	87.8°	61.04	3997.49	16300	0
55.0	61.60	87.8°	61.60	4065.61	16300	0
55.5	62.16	87.8°	62.16	4134.49	16300	0
56.0	62.72	87.8°	62.72	4203.61	16300	0
56.5	63.28	87.8°	63.28	4273.49	16300	0
57.0	63.84	87.8°	63.84	4343.61	16300	0
57.5	64.40	87.8°	64.40	4414.49	16300	0
58.0	64.96	87.8°	64.96	4485.61	16300	0
58.5	65.52	87.8°	65.52	4557.49	16300	0
59.0	66.08	87.8°	66.08	4629.61	16300	0
59.5	66.64	87.8°	66.64	4702.49	16300	0
60.0	67.20	87.8°	67.20	4775.61	16300	0
60.5	67.76	87.8°	67.76	4849.49	16300	0
61.0	68.32	87.8°	68.32	4923.61	16300	0
61.5	68.88	87.8°	68.88	4998.49	16300	0
62.0	69.44	87.8°	69.44	5073.61	16300	0
62.5	70.00	87.8°	70.00	5149.49	16300	0
63.0	70.56	87.8°	70.56	5225.61	16300	0
63.5	71.12	87.8°	71.12	5302.49	16300	0
64.0	71.68	87.8°	71.68	5379.61	16300	0
64.5	72.24	87.8°	72.24	5457.49	16300	0
65.0	72.80	87.8°	72.80	5535.61	16300	0
65.5	73.36	87.8°	73.36	5614.49	16300	0
66.0	73.92	87.8°	73.92	5693.61	16300	0
66.5	74.48	87.8°	74.48	5773.49	16300	0
67.0	75.04	87.8°	75.04	5853.61	16300	0
67.5	75.60	87.8°	75.60	5934.49	16300	0
68.0	76.16	87.8°	76.16	6015.61	16300	0
68.5	76.72	87.8°	76.72	6097.49	16300	0
69.0	77.28	87.8°	77.28	6179.61	16300	0
69.5	77.84	87.8°	77.84	6262.49	16300	0
70.0	78.40	87.8°	78.40	6345.61	16300	0
70.5	78.96	87.8°	78.96	6429.49	16300	0
71.0	79.52	87.8°	79.52	6513.61	16300	0
71.5	80.08	87.8°	80.08	6598.49	16300	0
72.0	80.64	87.8°	80.64	6683.61	16300	0
72.5	81.20	87.8°	81.20	6769.49	16300	0
73.0	81.76	87.8°	81.76	6855.61	16300	0
73.5	82.32	87.8°	82.32	6942.49	16300	0
74.0	82.88	87.8°	82.88	7029.61	16300	0
74.5	83.44	87.8°	83.44	7117.49	16300	0
75.0	84.00	87.8°	84.00	7205.61	16300	0
75.5	84.56	87.8°	84.56	7294.49	16300	0
76.0	85.12	87.8°	85.12	7383.61	16300	0
76.5	85.68	87.8°	85.68	7473.49	16300	0
77.0	86.24	87.8°	86.24	7563.61	16300	0
77.5	86.80	87.8°	86.80	7654.49	16300	0
78.0	87.36	87.8°	87.36	7745.61	16300	0
78.5	87.92	87.8°	87.92	7837.49	16300	0
79.0	88.48	87.8°	88.48	7929.61	16300	0
79.5	89.04	87.8°	89.04	8022.49	16300	0
80.0	89.60	87.8°	89.60	8115.61	16300	0
80.5	90.16	87.8°	90.16	8209.49	16300	0
81.0	90.72	87.8°	90.72	8303.61	16300	0
81.5	91.28	87.8°	91.28	8398.49	16300	0
82.0	91.84	87.8°	91.84	8493.61	16300	0
82.5	9	87.8°	9	8588.49	16300	0

ISOLINE 3380MM 4K WD DA 8C

Item No: 0042534



General data

Product name	ISOLINE 3380MM 4K WD DA 8C
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	0°C...+35°C
ETIM Class	EC000986
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	16300
Fixture luminous flux (lm)	16300
Luminous flux (lm)	16300
Luminaire efficacy (lm/W)	145
Correlated colour temperature (k)	4000
Colour Code	840
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	112
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	5.5
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	250
Inrush Current (A)	28
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A B Breaker	14
Max. products per 16A B Breaker	23
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	4

Lifetime data

Lifespan L70 B50	60000
Lifespan L80 B10	60000
Lifespan L90 B10	31500

ISOLINE 3380MM 4K WD DA 8C

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Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK03
IK rating of sensor	IK03
Diffuser finish	Transparent
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	3380
Nominal Product Width (mm)	62
Nominal Product Height (mm)	59
Weight (kg)	5.0

Packaging

Product EAN number	5410288425344
Packaging single length / height (cm)	353.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	5.8
DUN14 (inner)	05410288425344
Units per outer package	1
Packaging outer length / height (cm)	354.0
Packaging outer width (cm)	7.0
Packaging outer depth (cm)	6.3

Safety data

Glow Wire Test (°C)	650
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