

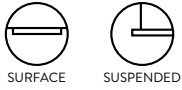
PROJECT:
CAT.NO:
NOTES:

DATE:
TYPE:
VOLTS:

ARCLUX
SERIES

RQ1-0X

RQ . 1 opening



GENERAL DESCRIPTION

LED luminaire for **surface** or **suspended** installation with aircraft cables. Provides a choice of direct or indirect light distribution allowing a superior quality of soft lighting.

Ideal for commercial or architectural environments.

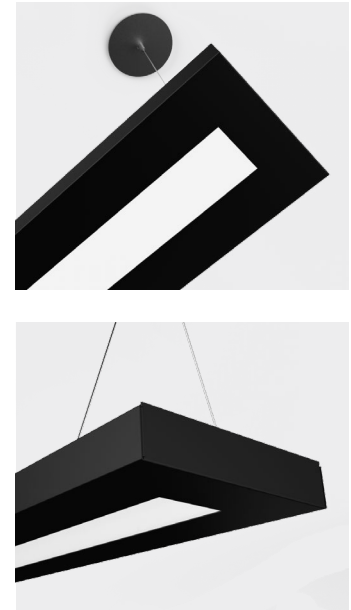
Row mounting available, consult factory.

CONSTRUCTION

One-piece body constructed from code gauge steel.

SHIELDING

Frosted acrylic lens down and prismatic lens up (if required) supplied as standard.



2019-05-09

FINISH

Standard finish is high gloss white polyester baked powder coat enamel.



Other colours available. Consult factory.

ELECTRICAL

3000K 3500K 4000K

120V - 277V 347V

L80 performance at 60,000 hours minimum. 80 CRI Standard. Other dimming options, lumen options, 90CRI and lengths available. Consult factory.

CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards** Suitable for damp locations.



*LED Five (5) year limited warranty. **Normal temperature: -20 degrees Celsius to +25 degrees Celsius.

Specifications are subject to change. Please confirm latest specifications prior to placing order.

ORDERING INFORMATION

RQ1	OPENING	DISTRIBUTION	LENGTH	LUMENS	CCT	FINISH	MOUNTING *OPTIONAL*	POWER CORD *OPTIONAL*	DRIVER
	02 = 2"	5U5 = 50% Up / 50% Down	4 = 4ft	32 = 3200lm 40 = 4000lm	30K = 3000K 35K = 3500K	GLOSSY W = White Housing B = Black Housing G = Grey Housing	A4 = 48in Aircraft Cable	C1 = 5ft Cord	MV = Standard 120V-277V Dimming (0-10V)
	03 = 3"			48 = 4800lm 60 = 6000lm	40K = 4000K	MATTE WM = White Housing BM = Black Housing GM = Grey Housing	A5 = 60in Aircraft Cable	C2 = 6ft Cord	347 = Standard 347V Dimming (0-10V)
	04 = 4"	6U4 = 60% Up / 40% Down					A8 = 96in Aircraft Cable	C4 = 9ft Cord	*emergency driver available, consult factory
		4U6 = 40% Up / 60% Down					A12 = 144in Aircraft Cable	C7 = 13ft Cord	
		7U3 = 70% Up / 30% Down	8 = 8ft	64 = 6400lm 80 = 8000lm 96 = 9600lm 120 = 120000lm		*other colours and finishes available, consult factory			
		3U7 = 30% Up / 70% Down					*other cords and row mounting options available, consult factory		
		DIR = 100% Down							
		IND = 100% Up							

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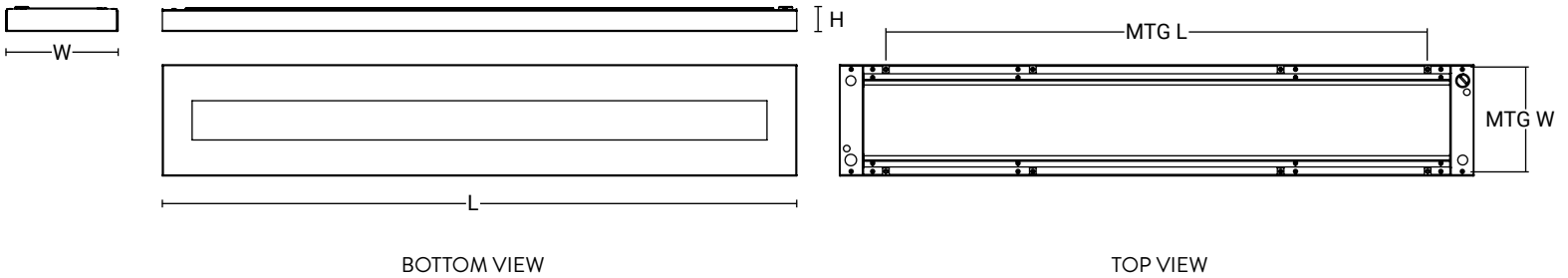
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RQ1-0X

DIMENSIONS

2019-06-10

SIZE	L	W	H	MTG L	MTG W
4FT	44.00"	8.50"	1.65"	41.00"	4.25"
8FT	92.25"	8.50"	1.65"	85.25"	4.25"



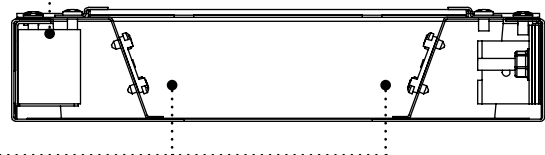
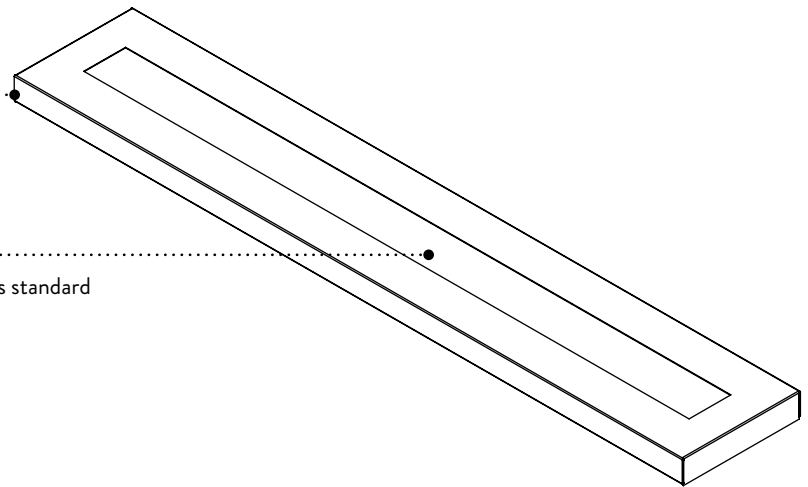
ANATOMY

DIE-FORMED STEEL HOUSING
 High gloss white polyester baked powder coat enamel

HIGH PERFORMANCE LENS
 Frosted acrylic lens down and prismatic lens up (if required) supplied as standard

LED DRIVER
 Dimming 0-10V

LED LIGHT ENGINE
 Mounted on internal high reflectance white painted reflector



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ARCLUX[®]
SERIES

RQ1-0X

WATTAGE & EFFICACY

2019-07-03

CATALOGUE NUMBER	LUMENS (lm)	CCT (K)	WATTAGE (W)	EFFICACY (lm/W)
RQ1-03-5U5-4-32-40K	3200	4000K	31	91
RQ1-03-5U5-4-40-40K	4000	4000K	40	94
RQ1-03-5U5-4-48-40K	4800	4000K	48	94
RQ1-03-5U5-4-60-40K	6000	4000K	66	96
RQ1-03-5U5-8-32-40K	3200	4000K	62	91
RQ1-03-5U5-8-40-40K	4000	4000K	80	94
RQ1-03-5U5-8-48-40K	4800	4000K	96	94
RQ1-03-5U5-8-60-40K	6000	4000K	132	96
RQ1-03-DIR-4-32-40K	3200	4000K	37	106
RQ1-03-DIR-4-40-40K	4000	4000K	47	112
RQ1-03-DIR-4-48-40K	4800	4000K	61	112
RQ1-03-DIR-4-60-40K	6000	4000K	68	112
RQ1-03-DIR-8-32-40K	3200	4000K	74	106
RQ1-03-DIR-8-40-40K	4000	4000K	94	112
RQ1-03-DIR-8-48-40K	4800	4000K	122	112
RQ1-03-DIR-8-60-40K	6000	4000K	136	112
RQ1-03-IND-4-32-40K	3200	4000K	26	114
RQ1-03-IND-4-40-40K	4000	4000K	31	121
RQ1-03-IND-4-48-40K	4800	4000K	37	122
RQ1-03-IND-4-60-40K	6000	4000K	48	121
RQ1-03-IND-8-32-40K	3200	4000K	52	114
RQ1-03-IND-8-40-40K	4000	4000K	62	121
RQ1-03-IND-8-48-40K	4800	4000K	74	122
RQ1-03-IND-8-60-40K	6000	4000K	96	121

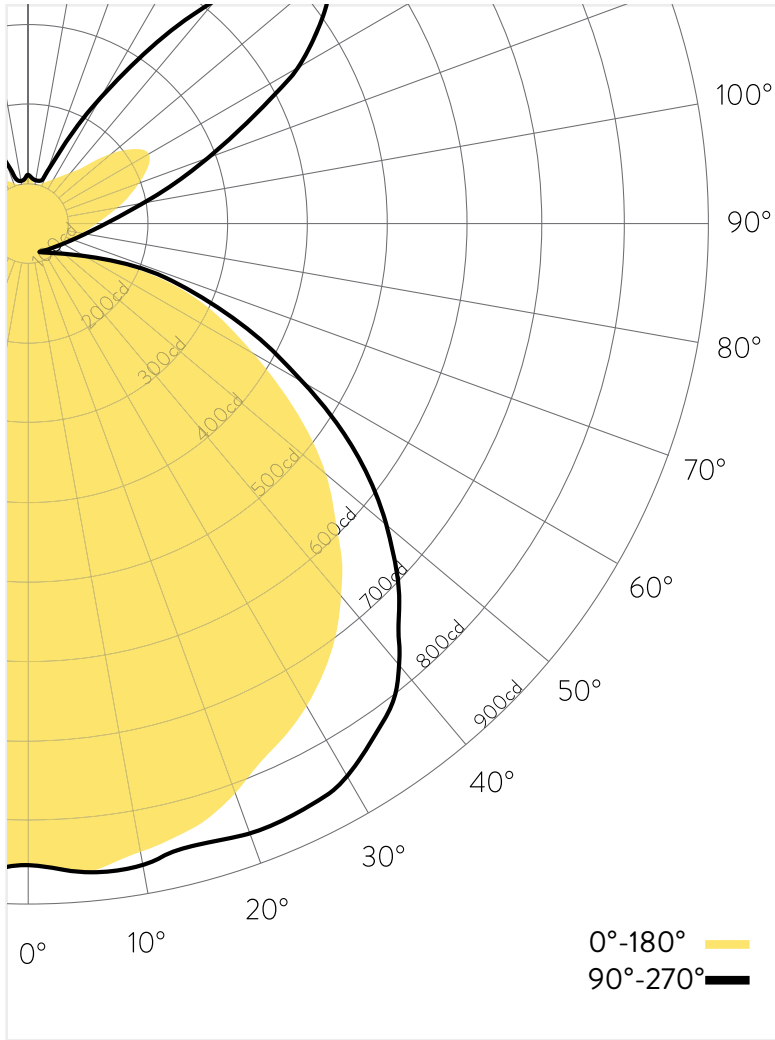
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2019-05-03

RQ1-0X

CAT NO: RQ1-04-4-3U7-48-40K



ZONAL LUMEN SUMMARY

Zone	Lumens
0.00° - 10.00°	96.93
10.00° - 20.00°	236.82
20.00° - 30.00°	376.63
30.00° - 40.00°	478.32
40.00° - 50.00°	513.12
50.00° - 60.00°	477.48
60.00° - 70.00°	380.83
70.00° - 80.00°	255.88
80.00° - 90.00°	109.55
90.00° - 100.00°	20.06
100.00° - 110.00°	66.91
110.00° - 120.00°	178.26
120.00° - 130.00°	298.65
130.00° - 140.00°	294.19
140.00° - 150.00°	180.78
150.00° - 160.00°	86.76
160.00° - 170.00°	34.58
170.00° - 180.00°	11.51
0.00° - 90.00°	2,925.56
90.00° - 180.00°	1,171.69
0.00° - 180.00°	4,097.25

CONE OF LIGHT

Mtg Height	Light Level	Beam Diameter
6.0 ft	23.5 fc	5.7 ft
8.0 ft	13.2 fc	7.6 ft
10.0 ft	8.5 fc	9.5 ft
12.0 ft	5.9 fc	11.4 ft
15.0 ft	3.8 fc	14.2 ft

AVERAGE LUMINAIRE LUMINANCE (CD/M²)

	0.00°	45.00°	90.00°
0.00°	3,214	3,214	3,214
45.00°	3,170	3,053	3,198
55.00°	3,083	2,844	2,979
65.00°	2,959	2,515	2,536
75.00°	2,947	2,125	2,050
85.00°	3,252	1,501	1,284

INDOOR CU TABLE

	pf	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	
	pcc	80.00%	80.00%	80.00%	80.00%	70.00%	70.00%	70.00%	70.00%	50.00%	50.00%	50.00%	30.00%	30.00%	30.00%	10.00%
	pw	70.00%	50.00%	30.00%	10.00%	70.00%	50.00%	30.00%	10.00%	50.00%	30.00%	10.00%	50.00%	30.00%	10.00%	50.00%
	0.00	81.54	81.54	81.54	81.54	77.23	77.23	77.23	77.23	69.18	69.18	69.18	61.81	61.81	61.81	55.05
	1.00	73.78	70.20	66.99	64.10	69.67	66.52	63.68	61.11	59.65	57.44	55.41	53.33	51.64	50.07	47.51
	2.00	66.79	60.78	55.81	51.64	62.94	57.63	53.19	49.42	51.72	48.19	45.15	46.26	43.50	41.07	41.22
	3.00	60.68	53.09	47.22	42.54	57.12	50.38	45.09	40.82	45.27	41.00	37.49	40.55	37.14	34.27	36.16
	4.00	55.39	46.80	40.52	35.72	52.11	44.46	38.76	34.35	40.03	35.36	31.67	35.92	32.13	29.07	32.09
RCR	5.00	50.77	41.61	35.20	30.47	47.78	39.57	33.72	29.35	35.71	30.87	27.16	32.11	28.13	25.01	28.76
	6.00	46.74	37.27	30.91	26.35	44.01	35.49	29.66	25.42	32.11	27.23	23.58	28.95	24.89	21.79	25.99
	7.00	43.21	33.62	27.40	23.04	40.72	32.06	26.33	22.26	29.08	24.24	20.71	26.29	22.22	19.19	23.67
	8.00	40.11	30.53	24.50	20.36	37.83	29.14	23.57	19.69	26.51	21.75	18.36	24.03	20.00	17.06	21.70
	9.00	37.37	27.88	22.07	18.15	35.28	26.65	21.26	17.57	24.30	19.67	16.43	22.09	18.14	15.30	20.00
	10.00	34.94	25.61	20.02	16.30	33.03	24.51	19.31	15.80	22.40	17.91	14.81	20.42	16.55	13.82	18.54