

THE ROPE LIGHT IS UNIQUE.
IT THROWS A BEAUTIFUL WARM WHITE LIGHT.
AVAILABLE IN UP TO 3 METERS IN LENGTH.

LED ROPE LIGHT- SIDE EMITTING

DESCRIPTION : FLEXIBLE AND FULLY SUBMERSIBLE LED ROPE

CODE :

SIDE EMITTING HIGH OUTPUT : 4440

SIDE EMITTING RGB : 4490

COLOURS : WARM WHITE

RGB : COLOUR CHANGING

COLOUR TEMPERATURE : 2700K, 3000K

CRI : ≥ 80

LUMENS : 60lm per metre

VOLTAGE : 24V_DC

WATTAGE : 8W

BEAM ANGLE : N.A

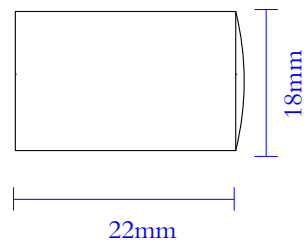
DIMMABLE : YES
0-10V, DALI

DRIVER : REMOTE

IP RATING : IP68

CUT OUT : N.A

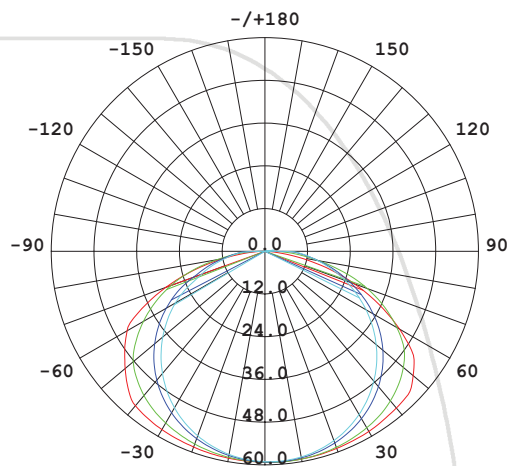
Side Emitting



PHOTOMETRY

MODEL LED ROPE LIGHT HIGH OUTPUT SIDE EMITTING

NOMINAL POWER	11W/M	LIGHT OUTPUT RATIO	100%
RATED VOLTAGE	24V DC	CIE CLASS	DIRECT
NOMINAL FLUX	392.81LM	UP	1.2%
LAMPS INSIDE	1	DOWN	98.8%
IMAX	108.1 CD	EFFICIENCY	35.39 lm/W



AVERAGE BEAM ANGLE (50%): 132.3°

UNIT: CD

- Co 180°, 138.3°
- C30 210°, 139.4°
- C60 240°, 128.4°
- C90 270°, 123.2°

CANDELA DISTRIBUTION

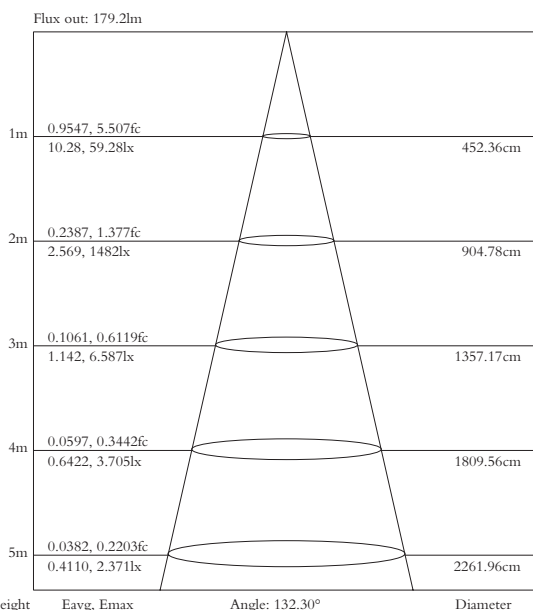
VERTICAL ANGLE	HORIZONTAL ANGLE									ZONAL LUMENS
	0°	45°	90°	135°	180°	225°	270°	315°	360°	
10	107.4	105.1	103.3	104.1	107.5	107.8	107.8	107.0	101.7	10.17
20	106.6	100.7	96.25	99.50	107.0	107.3	105.6	106.6	39.90	39.90
30	105.5	94.13	86.22	92.64	106.0	104.1	100.0	103.7	86.76	86.76
40	103.4	84.95	73.52	83.02	104.3	98.25	91.35	98.27	146.8	146.8
50	94.39	72.54	58.75	70.03	98.39	88.82	79.83	89.61	214.3	214.3
60	83.05	56.41	42.47	53.27	77.91	75.04	65.89	76.96	281.1	281.1
70	55.67	36.79	25.39	33.02	47.07	56.37	50.08	59.54	337.2	337.2
80	23.07	16.10	11.45	13.12	15.83	33.70	33.03	37.72	373.5	373.5
90	0.4482	0.1525	0.0018	0	0	3.398	9.613	13.07	388.2	388.2
100	0.0077	0	0.0213	0	0.0059	5.334	7.653	5.732	389.7	389.7
110	0.0071	0	0.0068	0	0.0107	2.730	4.813	3.021	391.5	391.5
120	0.0000	0	0	0	0.0083	1.073	2.714	1.225	392.4	392.4
130	0	0	0	0	0.0030	0.0644	1.134	0.1162	392.7	392.7
140	0	0	0	0	0	0	0.0759	0	392.8	392.8
150	0	0	0	0	0	0	0	0	392.8	392.8
160	0	0	0	0	0	0	0	0	392.8	392.8
170	0	0	0	0	0	0	0	0	392.8	392.8
180	0	0	0	0	0	0	0	0	392.8	392.8

VERTICAL ANGLE	HORIZONTAL ANGLE	
	0	90
85	5221	3890
80	6644	3298
75	7587	3403
70	8139	3711
65	8442	4015
60	8305	4247
55	7740	4423
50	7342	4570
45	7055	4693

COEFFICIENTS OF UTILISATION (%)

HIGH OUTPUT

Ceiling Wall Floor	80%			70%			50%			30%			10%			
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
RCR 0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99
1	1.02	.97	.92	.99	.95	.91	.95	.91	.88	.90	.87	.85	.87	.84	.82	.80
2	.87	.80	.73	.85	.78	.72	.81	.76	.70	.78	.73	.69	.75	.71	.67	.65
3	.76	.67	.60	.74	.66	.59	.71	.64	.58	.68	.62	.57	.65	.60	.56	.53
4	.66	.57	.50	.65	.56	.49	.62	.55	.49	.60	.53	.48	.57	.52	.47	.45
5	.59	.49	.42	.58	.49	.42	.55	.47	.41	.53	.46	.41	.51	.45	.40	.38
6	.53	.43	.37	.52	.43	.36	.50	.42	.36	.48	.41	.35	.46	.40	.35	.33
7	.48	.38	.32	.47	.38	.32	.45	.37	.31	.43	.36	.31	.42	.36	.31	.29
8	.43	.34	.28	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.27	.25
9	.40	.31	.25	.39	.31	.25	.38	.30	.25	.36	.30	.25	.35	.29	.24	.23
10	.36	.28	.23	.36	.28	.23	.35	.27	.22	.34	.27	.22	.33	.27	.22	.20



BODY

POLYURETHANE TUBING CONTAINING THE LED PCB BOARD, ENCASED IN A POLYURETHANE GLUE. BEING A FULLY SUBMERSIBLE UNIT, THE LED ROPE LIGHT MUST BE MADE TO MEASURE AND CANNOT BE CUT ON SITE.

LIGHTING SYSTEM

LED PCB BOARD. AVAILABLE IN WARM WHITE OR RGB COLOUR CHANGING. THE HIGH OUTPUT ROPE IS 11 WATTS PER METRE AND THE LOW OUTPUT IS 6 WATTS PER METRE.

END CAPS

POLYURETHANE END CAPS SEALED WITH POLYURETHANE GLUE.

MOUNTING

THE PRODUCT CAN BE SILICONED OR GLUED INTO PLACE. IT CAN ALSO BE RECESSED INTO FLEXIBLE ALUMINIUM MOUNTING CHANNEL.

POWER SUPPLY

24V LED DRIVER, REMOTE. SPECIALISED DRIVER REQUIRED FOR RGB COLOUR CONTROL.

WEIGHT

400G/M

ORDERING & LEAD TIMES

LED ROPE LIGHT COMES IN A RANGE OF LENGTHS FROM 317.5MM TO 3005MM. PLEASE SPEAK TO THE TEAM FOR THE FULL LIST OF LENGTHS. 8-9 WEEK LEAD TIME.