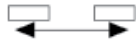


58 | Photometric data



CAT Number	Mounting height (m)	Transverse to wall			Transverse spacing			Axial to wall		
		0.2	0.5	1.0	0.2	0.5	1.0	0.2	0.5	1.0
CAD8/NM3/E (M3)	2.5	4.17	2.45	1.63	10.92	7.94	5.29	3.28	2.01	1.34
AR8/NM3/E (M3)	4.0	4.18	N/A	N/A	12.01	5.60	3.73	3.48	N/A	N/A
ED8/NM3/E (M3)	6.0	3.34	N/A	N/A	11.73	N/A	N/A	2.69	N/A	N/A
CAD8/NM3/S (M3)	2.5	4.80	3.20	2.10	12.40	8.60	6.30	3.70	2.60	1.80
AR8/NM3/S (M3)	4.0	5.00	2.80	N/A	13.70	8.70	5.40	4.10	2.40	N/A
	6.0	4.50	N/A	N/A	14.00	7.10	N/A	3.80	N/A	N/A
CAD8/NM3 (M3)/H	2.5	5.90	4.10	3.00	15.20	10.70	8.10	4.40	3.20	2.40
AR8/NM3 (M3)/H	4.0	6.50	4.10	1.30	17.00	11.50	8.00	5.10	3.40	2.00
	6.0	6.50	3.00	N/A	18.20	11.10	7.30	5.40	2.50	N/A
DAL8/NM3	2.5	5.30	3.80	2.90	13.30	9.70	7.50	5.00	3.60	2.80
DAL8/M3	4.0	6.00	3.90	1.30	15.30	10.80	7.80	5.70	3.80	1.50
	6.0	6.20	N/A	N/A	16.80	10.50	N/A	6.00	N/A	N/A
BE8/NM3+BA/NM3	2.5	4.00	2.70	1.70	10.10	7.40	5.30	3.50	2.40	1.50
BE8/M3+BA/M3	4.0	4.20	1.90	N/A	11.40	7.30	4.00	3.90	1.60	N/A
BE8/C3+BA/C3	6.0	3.40	N/A	N/A	11.50	4.60	N/A	3.10	N/A	N/A
CAL8/NM3/M3	2.5	3.90	3.10	2.70	8.90	7.10	7.20	2.90	2.70	1.40
GN8/NM3/M3	4.0	4.90	3.80	1.40	12.20	10.10	4.90	3.20	2.90	0.50
CHE8/NM3/M3	6.0	4.70	2.00	0.50	11.80	8.80	2.90	3.00	1.50	N/A
MZ28/M3	2.5	5.40	4.00	3.10	13.40	10.00	7.80	5.40	4.00	3.10
EC28/M3	4.0	6.30	4.40	3.00	15.90	11.50	8.60	6.30	4.40	3.00
	6.0	6.70	4.40	2.50	17.00	12.10	8.60	6.70	4.40	2.50
EC38/M3	2.5	5.60	4.20	3.20	13.80	10.40	8.20	5.60	4.20	3.20
	4.0	6.60	4.50	3.10	16.50	11.90	8.90	6.60	4.50	3.10
	6.0	7.60	5.20	3.40	19.10	13.80	10.20	7.60	5.20	3.40
MZ16/M3	2.5	4.30	3.00	2.20	10.60	7.80	5.90	4.30	3.00	2.20
LA16/M3	4.0	4.60	2.70	N/A	12.30	8.30	5.30	4.70	2.70	N/A
LV16/M3 + HT16/M3	6.0	4.40	N/A	N/A	13.00	7.00	N/A	4.30	N/A	N/A
HT28/M3 + LN28/M3	2.5	4.40	3.20	2.30	11.10	8.10	6.10	4.50	3.10	2.10
LV28/M3 + KN28/M3	4.0	4.80	2.80	N/A	12.80	8.60	5.50	4.80	2.80	N/A
IDR28/M3	6.0	4.40	N/A	N/A	13.60	7.40	N/A	4.40	N/A	N/A
LA38/M3	2.5	5.60	4.20	3.00	13.80	10.40	7.50	5.60	4.20	3.00
IDR38/M3	4.0	6.60	4.50	3.30	16.50	11.90	8.40	6.60	4.50	3.30
	6.0	6.90	4.50	N/A	17.70	12.50	9.00	6.90	4.50	N/A
DAR/LED/M3	2.5	3.20	2.20	1.80	8.20	5.80	4.90	3.20	2.20	1.80
	4.0	3.50	2.80	2.10	8.50	6.80	5.20	3.50	2.80	2.10
	6.0	3.60	2.70	2.40	9.90	6.10	5.40	3.60	2.70	2.40
ED/LED/M3	2.5	3.70	2.90	2.50	10.00	7.10	5.80	3.10	2.20	1.40
	4.0	4.70	3.10	N/A	10.90	7.70	5.10	3.20	2.40	N/A
	6.0	5.60	N/A	N/A	13.50	5.80	N/A	3.00	N/A	N/A
GN/LED/M3	2.5	3.90	2.80	1.80	8.90	5.70	6.10	2.70	2.40	1.00
CHE/LED/M3	4.0	4.70	2.10	0.50	11.30	7.70	3.00	2.80	1.60	N/A
	6.0	4.50	N/A	N/A	11.10	N/A	N/A	2.00	N/A	N/A
MULTIA18W	2.5	4.60	3.70	3.00	9.40	7.70	7.00	4.60	3.70	3.00
	4.0	5.60	4.20	3.20	12.40	9.50	7.40	5.60	4.20	3.20
	6.0	6.30	4.30	2.20	14.70	10.60	7.60	6.30	4.30	2.20
MULTIA26W	2.5	5.00	4.10	3.40	10.00	6.90	7.20	5.00	4.10	3.40
	4.0	6.00	4.70	3.80	13.00	9.80	8.90	6.00	4.70	3.80
	6.0	7.20	5.70	3.50	16.80	10.30	7.30	7.20	5.70	3.50
MULTIA32W	2.5	3.70	2.40	3.20	8.20	7.30	7.10	3.70	2.40	3.20
	4.0	5.40	3.30	3.80	11.80	10.40	9.60	5.40	3.30	3.80
	6.0	7.40	3.90	3.60	16.30	13.80	11.20	7.40	3.90	3.60
MULTIA42W	2.5	4.20	2.90	4.10	9.10	7.90	7.80	4.20	2.90	4.10
	4.0	6.10	3.90	4.90	12.90	11.40	10.70	6.10	3.90	4.90
	6.0	9.10	5.30	5.90	17.90	16.10	14.30	9.10	5.30	5.90
OR455/M3	4.0	9.30	7.00	5.50	22.30	17.20	13.80	6.50	5.60	4.90
OR480/M3	6.0	10.80	7.90	5.80	26.60	19.90	15.60	8.60	7.20	6.00
	8.0	11.80	8.20	5.40	29.70	21.70	16.20	10.30	8.30	6.60
DY/LED/OA	2.5	4.10	1.40	0.60	11.90	6.80	4.20	4.10	1.40	0.60
	3.0	3.70	-	-	12.00	6.00	-	3.70	-	-
	4.0	2.10	-	-	10.80	1.40	-	2.10	-	-
DY/LED/CR	2.5	4.10	0.50	1.30	16.00	7.30	5.10	3.40	0.80	0.60
	3.0	4.30	-	-	14.70	5.10	-	2.50	-	-
	4.0	0.70	-	-	11.60	-	-	0.80	-	-
ELL/LED/OA	2.5	4.10	2.20	-	10.40	7.20	4.10	4.10	2.20	-
	3.0	4.00	1.30	-	11.00	6.80	2.40	4.00	1.30	-
	3.5	3.70	-	-	11.30	5.90	-	3.70	-	-
ELL/LED/CR	2.5	4.80	2.90	0.90	11.70	8.60	5.70	3.80	2.30	0.90
	3.0	4.90	2.50	-	12.70	8.70	4.60	3.80	1.90	-
	3.5	4.90	-	-	13.30	8.20	2.50	3.70	1.30	-



Axial spacing			Transverse to axial spacing		
0.2	0.5	1.0	0.2	0.5	1.0
8.23	6.62	4.41	9.59	7.28	4.85
9.57	4.56	3.04	10.73	5.07	3.38
9.77	N/A	N/A	10.76	N/A	N/A
8.90	6.70	5.10	8.50	5.80	3.90
10.60	7.20	4.60	9.10	5.20	N/A
11.50	5.80	N/A	8.30	N/A	N/A
10.30	8.00	6.30	9.70	6.90	4.90
12.70	9.30	6.70	10.80	6.80	3.50
14.50	9.30	4.20	10.70	3.90	N/A
13.00	9.40	7.50	12.60	9.00	7.30
14.90	10.60	7.60	14.40	10.40	7.50
16.50	10.40	N/A	16.00	10.50	N/A
8.80	6.50	4.90	9.40	7.00	5.00
10.10	6.50	3.30	10.80	6.90	3.70
10.40	4.00	N/A	11.00	4.30	N/A
7.40	6.40	4.50	8.10	6.80	5.70
8.10	6.90	3.10	10.70	7.30	4.30
7.90	6.70	2.00	10.80	6.10	N/A
13.40	10.00	7.80	13.40	10.00	7.80
15.90	11.50	8.60	15.90	11.50	8.60
17.00	12.10	8.60	17.00	12.10	8.60
13.80	10.40	8.20	13.80	10.40	8.20
16.50	11.90	8.90	16.50	11.90	8.90
19.10	13.80	10.20	19.10	13.80	10.20
10.70	7.80	5.90	10.70	7.80	5.90
12.30	8.90	5.30	12.40	8.40	5.30
13.00	7.00	N/A	13.00	7.00	N/A
11.10	8.10	6.10	11.00	8.00	6.00
12.70	8.60	5.50	12.70	8.60	5.50
13.60	7.40	N/A	13.60	7.40	N/A
13.80	10.40	7.50	13.80	10.40	7.50
16.50	11.90	8.40	16.50	11.90	8.40
17.70	12.50	9.00	17.70	12.50	9.00
8.20	5.80	4.90	8.20	5.80	4.90
8.50	6.80	5.20	8.50	6.80	5.20
9.90	6.10	5.40	9.90	6.10	5.40
9.00	6.20	4.80	8.10	6.90	3.90
9.80	6.60	3.50	8.80	7.20	3.40
11.00	4.00	N/A	8.60	5.30	N/A
6.90	5.50	3.80	8.10	5.60	5.00
7.80	6.20	2.00	10.10	N/A	N/A
6.80	N/A	N/A	10.30	N/A	N/A
9.40	7.70	7.00	9.40	7.70	7.00
12.40	9.50	7.40	12.40	9.50	7.40
14.70	10.60	7.60	14.70	10.60	7.60
10.00	6.90	7.20	10.00	6.90	7.20
13.00	9.80	8.90	13.00	9.80	8.90
16.80	10.30	7.30	16.80	10.30	7.30
8.20	7.30	7.10	8.20	7.30	7.10
11.80	10.40	9.60	11.80	10.40	9.60
16.30	13.80	11.20	16.30	13.80	11.20
9.10	7.90	7.80	9.10	7.90	7.80
12.90	11.40	10.70	12.90	11.40	10.70
17.90	16.10	14.30	17.90	16.10	14.30
13.80	12.40	11.10	17.40	14.30	12.20
18.90	16.40	14.20	22.00	17.80	14.70
23.10	19.40	16.50	25.80	20.30	16.10
11.90	6.80	4.20	11.30	6.80	4.20
12.00	6.00	-	12.00	6.00	-
10.80	1.40	-	10.80	-	-
8.20	4.80	2.60	12.10	5.10	3.2
8.80	3.10	-	9.80	3.20	-
7.50	-	-	8.00	-	-
10.40	7.20	4.10	10.40	7.20	4.10
11.00	6.80	2.40	11.00	6.80	2.40
11.30	5.90	-	11.30	5.90	-
9.30	6.60	4.40	10.50	7.60	5.10
10.00	6.60	3.70	11.30	7.60	3.80
10.40	6.30	2.40	11.80	7.20	2.30

Notes: These tables are based on the following factors:

Light output ratios measured to BS5225 and lamp lumen outputs are from GE Lighting Warm white lamps.

Requirements from BS5266/EN1838

Permanently unobstructed escape routes:

Require minimum 0.2 lux along the centre line of the escape route, where there is a possibility of an obstruction occurring along the route 1 lux minimum is required.

Undefined, Open areas:

The minimum level of illumination required throughout the area is 0.5 lux excluding a half metre border around the edge of the room which can be at a lower level.

TWINSPOUT SPACING DATA (1 LUX AVERAGE)

Mounting Height	Spacing to Wall	Between Units
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2 x 21 Watt Tungsten Versions

2.5 metres	3m	9m
4 metres	4m	11m
6 metres	3m	12m
8 metres	3m	10m

2 x 20 Watt Tungsten Halogen Versions

2.5 metres	5m	15m
4 metres	6m	16m
6 metres	5m	16m
8 metres	4m	15m

2 x 55 Watt Tungsten Halogen Versions

8 metres	8m	20m
10 metres	8m	20m

These tables are to be used as a guide only.

Please refer to www.relux.biz for accurate photometric planning