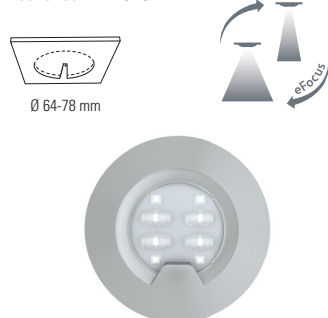


Safety Luminaire

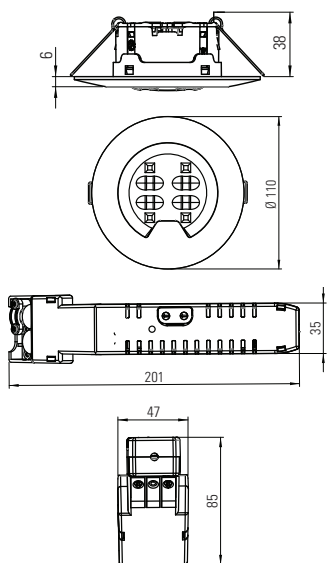
RoundTech MR CPS



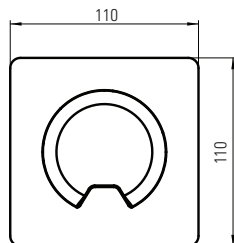
RoundTech MR CPS



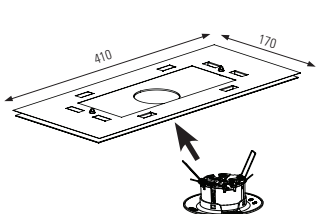
Dimensions in mm



Square trim



Renovation trim



RoundTech Medium Recessed CPS

- LED safety luminaire with CG-S technology
- Installation up to 17m with optimum spacing of 34.5m for 1lux illumination
 - LowBay: Installation up to 9.5m height
 - HiBay: Installation up to 17m height
- eFocus programming: narrow and wide light distribution, programmed by the user
 - One product applicable for Escape Route or Open Area illumination
 - User / installer to define light distribution to fit the application
- Suitable for use in cinemas, theatres, shopping malls, industrial units, healthcare or hotels
- Easy recessed installation via standard hole saw (Ø 64-78mm)
- Low eco footprint thanks to its eco-design, low consumption
- Round or Square trim available for aesthetic customization options and colours
- Minimum service requirement due to high service life of the LEDs (60.000 hours)

Luminous flux	225lm, 435lm
Connection terminals	up to 2x2.5 mm ² screwless pushwire In & Out mains terminals (L, N, E)
Rated voltage	220-240 V AC, 50/60 Hz 176 – 275 V DC
Current consumption - emergency operation	225lm : 26mA 435lm : 35mA
Power consumption mains operation (apparent power / effective power)	225lm : 6.0VA / 3.0W 435lm : 8.0VA / 4.8W
Inrush current	1.5 A
Housing material	Polycarbonate (850 °C glow wire resistant)
Housing colour	White RAL9003 (custom color variants available)
Insulation Class	Class II
Color Rendering Index	R70
Color Temperature	5700K
Light source	4 LEDs Escape Route / 4 LEDs Open Area
Permissible ambient temperature	-20°C to +40°C

Ordering details

Order code	Description	Installation	⚡	☀
CG-S				
RT2RSEO200CGS	RoundTech Recessed CG-S LB 200 IP44	Low Bay	6.0VA / 3.0W	225 lm
RT2RSEO200CGSIP	RoundTech Recessed CG-S LB 200 IP65	Low Bay	6.0VA / 3.0W	225 lm
RT2RSEO400CGS	RoundTech Recessed CG-S LB 400 IP44	Low Bay	8.0VA / 4.8W	435 lm
RT2RSEO400CGSIP	RoundTech Recessed CG-S LB 400 IP65	Low Bay	8.0VA / 4.8W	435 lm
RT2RSEOH200CGS	RoundTech Recessed CG-S HB 200 IP44	HiBay	6.0VA / 3.0W	225 lm
RT2RSEOH200CGSIP	RoundTech Recessed CG-S HB 200 IP65	HiBay	6.0VA / 3.0W	225 lm
RT2RSEOH400CGS	RoundTech Recessed CG-S HB 400 IP44	HiBay	8.0VA / 4.8W	435 lm
RT2RSEOH400CGSIP	RoundTech Recessed CG-S HB 400 IP65	HiBay	8.0VA / 4.8W	435 lm

Accessories

		Black mat RAL9005	Dark Grey RAL7015	Silver gloss RAL9007
RT2R-RT-CPS	Round trim for RoundTech MR CPS	RT2R-RTB-CPS	RT2R-RTG-CPS	RT2R-RTS-CPS
RT2R-ST-CPS	Square trim for RoundTech MR CPS	RT2R-STB-CPS	RT2R-STG-CPS	RT2R-STS-CPS
RT2R-RP	Renovation Plate for RoundTech MR			

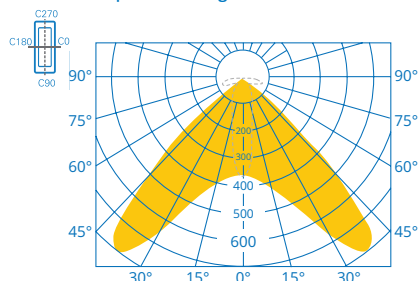
* Degree of protection of the luminaire: IP44 or IP65 (Once installed in the ceiling, the luminaire face is rated IP44 or IP65)
Degree of protection of the module housing: IP20

Safety Luminaire

RoundTech MR SEO CPS



RoundTech MR
Escape Route light distribution



Ceiling mounting,
Escape Route, HiBay

eFocus, Escape Route light distribution, enables installations for corridors, escape routes and maximizes the distance between lighting fixtures. A maximum spacing of up to 34.5m between luminaires reduces the number of required light points and an application range from 2.5m up to 17m for 1Lux, enables mounting at the normally occurring heights.

HiBay - Planning help for RoundTech 1.0 lx / 0.5lx

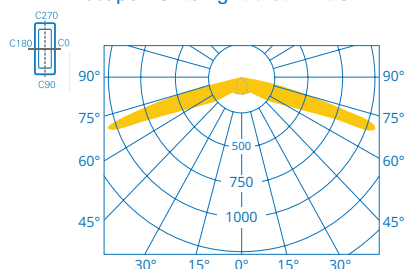
Maintenance factor MF = 80 %, battery operation, ceiling mounting and distances in m

Mounting height [m]	Lux level directly under				
2,5	47,4	2,8 (3,2)	6,5 (8,5)	4,3 (4,8)	9,6 (10,4)
3,0	32,8	3,1 (3,6)	7,2 (8,3)	4,9 (5,4)	10,9 (12,0)
4,0	18,4	3,4 (4,3)	8,5 (9,9)	5,8 (6,6)	13,3 (14,8)
5,0	11,7	3,6 (4,7)	9,4 (11,3)	6,8 (7,7)	15,4 (17,2)
6,0	8,1	3,5 (4,9)	9,9 (12,4)	7,6 (8,6)	17,1 (19,5)
7,0	6,0	3,5 (5,0)	10,1 (13,3)	8,4 (9,5)	19,1 (21,6)
8,0	4,6	3,4 (5,0)	10,0 (13,8)	9,3 (10,4)	20,9 (23,4)
9,0	3,6	3,2 (4,9)	9,9 (14,1)	10,1 (11,2)	22,4 (25,3)
10,0	2,9	3,0 (4,9)	9,8 (14,2)	10,8 (11,9)	23,9 (27,2)
11,0	2,4	2,7 (4,8)	9,7 (14,2)	11,5 (12,8)	25,7 (29,0)
12,0	2,0	2,4 (4,7)	9,4 (14,1)	12,2 (13,7)	27,4 (30,6)
13,0	1,7	2,2 (4,5)	9,0 (14,0)	12,7 (14,5)	29,0 (32,1)
14,0	1,5	2,0 (4,2)	8,5 (13,9)	13,1 (15,2)	30,5 (33,6)
15,0	1,3	1,8 (3,9)	7,9 (13,7)	13,5 (15,9)	31,9 (35,3)
16,0	1,1	1,4 (3,7)	7,5 (13,6)	13,8 (16,6)	33,2 (37,1)
17,0	1,0	0,1 (3,4)	6,9 (13,3)	14,0 (17,2)	34,5 (38,7)
2,5	22,2	2,3 (2,8)	5,7 (6,7)	3,8 (4,3)	8,6 (9,6)
3,0	15,4	2,5 (3,1)	6,3 (7,4)	4,3 (4,9)	9,8 (11,0)
4,0	8,6	2,5 (3,5)	7,0 (8,6)	5,2 (5,9)	11,8 (13,3)
5,0	5,5	2,5 (3,6)	7,2 (9,5)	6,0 (6,8)	13,7 (15,5)
6,0	3,8	2,3 (3,6)	7,2 (10,0)	6,9 (7,7)	15,4 (17,3)
7,0	2,8	2,1 (3,5)	7,1 (10,1)	7,6 (8,4)	16,9 (19,2)
8,0	2,1	1,9 (3,4)	6,8 (10,2)	8,3 (9,3)	18,6 (21,0)
9,0	1,7	1,6 (3,2)	6,5 (10,1)	9,0 (10,1)	20,3 (22,6)
10,0	1,4	1,3 (3,0)	6,0 (10,0)	9,4 (10,9)	21,8 (24,0)
11,0	1,1	0,9 (2,7)	5,5 (9,8)	9,8 (11,6)	23,2 (25,8)
11,5	1,0	0,3 (2,6)	5,3 (9,6)	10,0 (11,9)	23,9 (26,6)

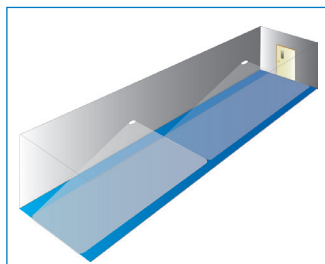
Safety Luminaire

RoundTech MR SEO CPS

RoundTech MR Escape Route light distribution



Ceiling mounting, Escape Route, LowBay



Escape route for 1 lux

LowBay - Planning help for RoundTech 1.0 lx / 0.5lx

Maintenance factor MF = 80 %, battery operation, ceiling mounting and distances in m

	Mounting height [m]	Lux level directly under				
Ceiling mounting Escape route center 400lm LowBay	2,5	15,9	2,3 (2,9)	5,9 (7,3)	9,8 (10,9)	21,8 (23,9)
	3,0	11,0	2,5 (3,1)	6,3 (7,8)	11,0 (12,4)	24,8 (27,4)
	3,5	8,1	2,7 (3,3)	6,6 (8,3)	12,0 (13,7)	27,5 (30,7)
	4,0	6,2	2,9 (3,4)	6,9 (8,7)	13,0 (15,0)	30,0 (33,7)
	5,0	3,9	3,3 (3,9)	7,8 (9,4)	14,7 (17,1)	34,3 (39,2)
	6,0	2,7	3,5 (4,3)	8,5 (10,0)	15,7 (19,0)	38,1 (44,1)
	7,0	2,0	3,6 (4,6)	9,2 (11,0)	10,6 (20,7)	39,9 (48,3)
	8,0	1,5	3,4 (4,9)	9,8 (11,8)	4,9 (22,3)	38,4 (52,1)
	9,0	1,2	2,7 (5,0)	10,1 (12,4)	3,3 (18,2)	34,0 (55,7)
Ceiling mounting Escape route center 200lm LowBay	9,5	1,1	1,7 (5,1)	10,1 (12,8)	2,5 (15,9)	31,8 (57,1)
	2,5	8,1	2,0 (2,4)	4,8 (6,0)	8,6 (9,9)	19,8 (22,0)
	3,0	5,6	2,2 (2,5)	5,0 (6,4)	9,5 (11,1)	22,3 (25,0)
	3,5	4,1	2,3 (2,8)	5,5 (6,7)	10,3 (12,1)	24,3 (27,8)
	4,0	3,1	2,5 (3,0)	5,9 (7,0)	11,1 (13,1)	26,1 (30,4)
	4,5	2,5	2,5 (3,1)	6,3 (7,4)	8,8 (13,9)	27,8 (32,6)
	5,0	2,0	2,6 (3,3)	6,6 (7,9)	7,3 (14,7)	27,9 (34,6)
	6,0	1,4	2,3 (3,6)	7,1 (8,6)	3,1 (15,3)	26,9 (38,2)
	7,0	1,0	0,4 (3,6)	7,3 (9,3)	0,7 (10,5)	21,0 (39,5)

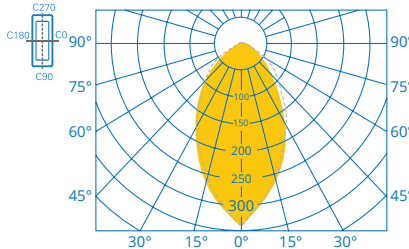
* Spacing tables above are examples of performance of certain models with specific lumen output, installed on ceiling and specific heights.
Complete performance characteristics for all models and all installation heights and can be derived by the use of the LDT files available on request.

Safety Luminaire

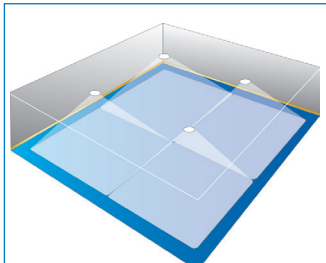
RoundTech MR SEO CPS



RoundTech MR
Open Area light distribution



Ceiling mounting,
Open area, HiBay



Open area for 0.5 lux

eFocus, Open Area light distribution, enables installations for large areas where no fixed escape route is defined, meaning that the complete area must be illuminated. A maximum spacing of up to 15.2m between luminaires reduces the number of required light points and an application range from 2.5m up to 16.5m for 0.5Lux, enables mounting at the normally occurring heights.

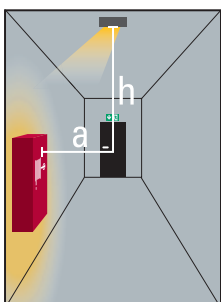
HiBay - Planning help for RoundTech 1.0 lx / 0.5lx

Maintenance factor MF = 80 %, battery operation, ceiling mounting and distances in m

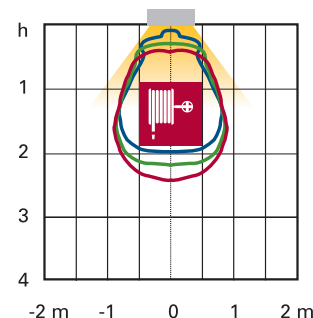
Mounting height [m]				
2,5	3,1 (3,6)	7,4 (8,9)	3,1 (3,6)	7,2 (8,6)
3,0	3,3 (3,9)	8,0 (9,7)	3,3 (3,9)	7,9 (9,5)
4,0	3,7 (4,4)	9,1 (11,0)	3,7 (4,4)	9,0 (10,9)
5,0	3,9 (4,8)	10,2 (12,2)	3,9 (4,8)	10,1 (12,1)
6,0	4,2 (5,1)	10,9 (13,3)	4,2 (5,1)	10,9 (13,2)
7,0	4,3 (5,4)	11,7 (14,1)	4,3 (5,4)	11,7 (14,1)
8,0	4,4 (5,6)	12,4 (15,0)	4,4 (5,6)	12,4 (15,0)
9,0	4,4 (5,8)	13,0 (15,8)	4,4 (5,8)	13,1 (15,9)
10,0	4,4 (5,9)	13,5 (16,5)	4,4 (5,9)	13,6 (16,6)
11,0	4,3 (6,0)	13,9 (17,4)	4,3 (5,9)	14,0 (17,4)
12,0	4,1 (6,0)	14,3 (17,9)	4,1 (6,0)	14,4 (18,1)
13,0	3,9 (6,0)	14,6 (18,5)	3,9 (6,0)	14,6 (18,6)
14,0	3,6 (6,0)	14,9 (19,1)	3,6 (5,9)	14,8 (19,1)
15,0	3,3 (5,9)	15,1 (19,4)	3,3 (5,9)	14,8 (19,6)
16,0	2,9 (5,8)	15,1 (19,9)	2,9 (5,7)	14,8 (20,0)
16,5	2,7 (5,7)	15,2 (20,0)	2,7 (5,7)	14,7 (20,2)
2,5	2,6 (3,1)	6,2 (7,4)	2,6 (3,1)	6,1 (7,4)
3,0	2,8 (3,3)	6,7 (8,1)	2,8 (3,3)	6,6 (8,0)
4,0	3,1 (3,7)	7,6 (9,2)	3,1 (3,7)	7,4 (9,0)
5,0	3,2 (3,9)	8,6 (10,2)	3,2 (4,0)	8,2 (10,1)
6,0	3,3 (4,2)	9,2 (11,1)	3,3 (4,2)	9,0 (10,8)
7,0	3,3 (4,4)	9,8 (11,9)	3,3 (4,4)	9,5 (11,5)
8,0	3,2 (4,5)	10,3 (12,6)	3,2 (4,5)	10,0 (12,3)
9,0	3,0 (4,4)	10,5 (13,3)	3,0 (4,5)	10,4 (13,1)
10,0	2,8 (4,4)	10,7 (14,0)	2,8 (4,4)	10,5 (13,6)
11,0	2,4 (4,3)	10,8 (14,5)	2,4 (4,3)	10,8 (14,0)
11,5	2,3 (4,2)	10,7 (14,6)	2,3 (4,3)	10,5 (14,3)

* Spacing tables above are examples of performance of certain models with specific lumen output, installed on ceiling and specific heights. Complete performance characteristics for all models and all installation heights and can be derived by the use of the LDT files available on request.

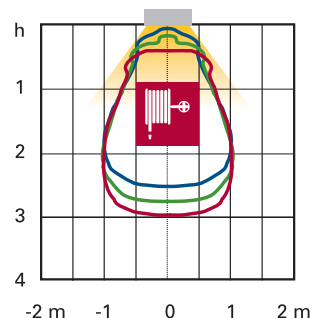
Points of emphasis



200lm with maintenance factor 0.80



400lm with maintenance factor 0.80



Area in which a minimum illuminance of 5lx is achieved, depending on distance a and the rated operating time:

a = 2.0 m SE

a = 1.5 m SE

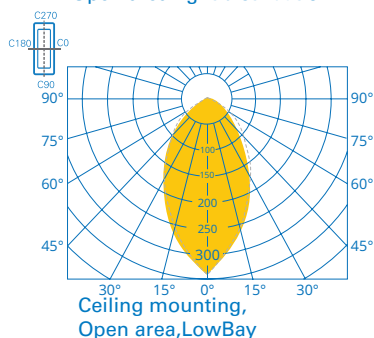
a = 1.0 m SE

Rotation during application of the light head is required in order to illuminate safety points.

Safety Luminaire

RoundTech MR SEO CPS

RoundTech MR Open area light distribution



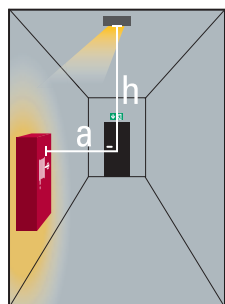
LowBay - Planning help for RoundTech 1.0 lx / 0.5lx

Maintenance factor MF = 80 %, battery operation, ceiling mounting and distances in m

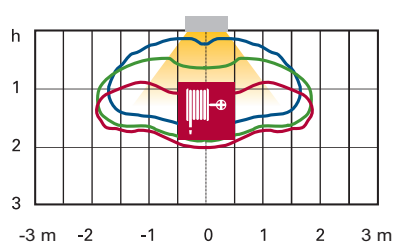
	Mounting height [m]				
Ceiling mounting Room illumination 400lm LowBay	2,5	4,5 (5,2)	10,5 (11,7)	4,5 (5,2)	9,9 (11,1)
	3,0	4,9 (5,7)	11,7 (13,2)	4,9 (5,7)	11,3 (12,5)
	4,0	5,3 (6,6)	13,9 (16,1)	5,3 (6,6)	13,2 (15,3)
	5,0	5,2 (7,1)	15,6 (18,6)	5,3 (7,1)	14,8 (17,6)
	6,0	3,5 (7,3)	16,4 (20,3)	3,5 (7,4)	16,2 (19,2)
	7,0	2,4 (7,2)	16,9 (21,9)	2,7 (7,3)	16,2 (20,8)
	8,0	1,1 (5,4)	16,7 (22,9)	1,5 (5,4)	16,3 (22,2)
Ceiling mounting Room illumination 200lm LowBay	2,5	3,7 (4,5)	9,4 (10,6)	3,8 (4,5)	8,9 (10,0)
	3,0	4,0 (4,9)	10,3 (11,9)	4,0 (4,9)	9,7 (11,3)
	3,5	3,9 (5,1)	11,1 (13,2)	4,0 (5,2)	10,5 (12,5)
	4,0	3,1 (5,4)	11,8 (14,0)	3,1 (5,4)	11,2 (13,4)
	4,5	2,4 (5,3)	12,2 (15,0)	2,4 (5,4)	12,0 (14,2)
	5,0	2,1 (5,3)	11,8 (15,8)	2,1 (5,4)	11,6 (15,0)
	5,5	1,8 (4,5)	11,4 (16,4)	1,8 (4,5)	11,6 (15,7)

* Spacing tables above are examples of performance of certain models with specific lumen output, installed on ceiling and specific heights. Complete performance characteristics for all models and all installation heights and can be derived by the use of the LDT files available on request.

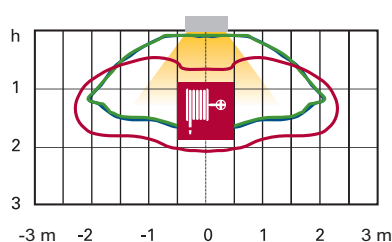
Points of emphasis



200lm with maintenance factor 0.80



400lm with maintenance factor 0.80



Area in which a minimum illuminance of 5lx is achieved, depending on distance a and the rated operating time:

a = 2.0 m SO

a = 1.5 m SO

a = 1.0 m SO

Rotation during application of the light head is required in order to illuminate safety points.