

CEILING RECESSED DOWN LIGHTS

Technical Specifications:

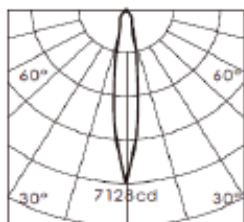
- Product Code : QL R-FBHE FRDL*
- Body Material : Die-cast Aluminium with powder-coated
- Reflector : High efficiency optical reflector
- Body Color : White, Silver, Black
- Fixed/Adjustable : Fixed
- Light Source : COB LED
- Beam Angle : 15°, 24°, 36°, 60°
- Color Temperature : 2700K, 3000K, 4000K
- CRI : ≥80
- Power Factor : 0.9
- Ingress Protection : IP44
- Driver : Constant Current
- Input Voltage : 220-240V/50-60Hz
- Dimming Options : Triac, 0-10V, DALI
- Mounting Arrangement: Spring clamp
- Life Time : 50000hrs
- Weight : 0.87Kg



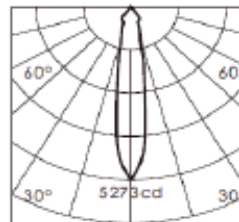
Product Code (*)	Wattage (W)	Lumen Output (lm)	Operating Current (mA)	Overall Diameter (mm)	Overall Height (mm)	Cutout Dimension (mm)
QL R-FBHE FRDL 15W	15	3000K-1500 4000K-1560	350	110	130	100
QL R-FBHE FRDL 20W	20	3000K-2000 4000K-2080	500	110	130	100
QL R-FBHE FRDL 25W	25	3000K-2400 4000K-2490	600	110	130	100

Photometric Distribution Curve:

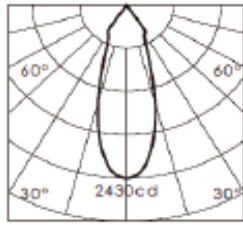
QL R-FBHE FRDL 15W:



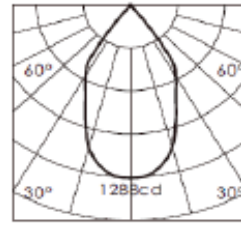
h(m)	D(m)	Em(lx)	Emax(lx)
1	0.3	1723	6890
2	0.7	603	1723
3	1.0	345	766
4	1.4	237	431
5	1.7	179	276



h(m)	D(m)	Em(lx)	Emax(lx)
1	0.4	1299	5195
2	0.7	455	1299
3	1.1	260	577
4	1.5	179	325
5	1.9	135	208

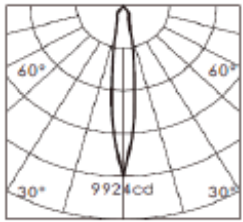


h(m)	D(m)	Em(lx)	Emax(lx)
1	0.6	603	2413
2	1.2	211	603
3	1.9	121	268
4	2.5	83	151
5	3.1	63	97

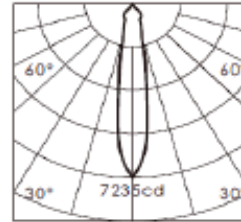


h(m)	D(m)	Em(lx)	Emax(lx)
1	1.1	322	1286
2	2.3	112	321
3	3.4	64	143
4	4.5	44	80
5	5.6	33	51

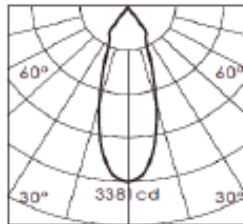
QL R-FBHE FRDL 20W:



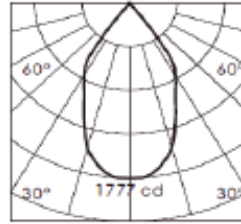
h(m)	D(m)	Em(lx)	Emax(lx)
1	0.3	2426	9703
2	0.7	849	2426
3	1.0	485	1078
4	1.4	333	606
5	1.7	252	388



h(m)	D(m)	Em(lx)	Emax(lx)
1	0.4	1800	7199
2	0.7	630	1800
3	1.1	360	800
4	1.5	248	450
5	1.8	187	288

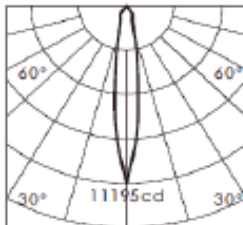


h(m)	D(m)	Em(lx)	Emax(lx)
1	0.6	839	3356
2	1.3	294	839
3	1.9	168	373
4	2.5	116	210
5	3.1	87	134

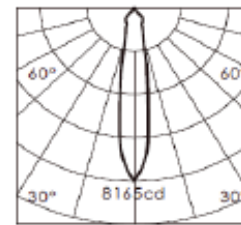


h(m)	D(m)	Em(lx)	Emax(lx)
1	1.1	443	1773
2	2.3	155	443
3	3.4	89	197
4	4.5	61	111
5	5.7	46	71

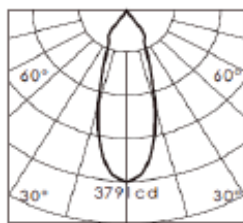
QL R-FBHE FRDL 25W:



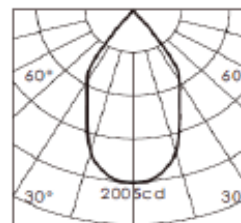
h(m)	D(m)	Em(lx)	Emax(lx)
1	0.3	2750	11001
2	0.7	963	2750
3	1.0	550	1222
4	1.3	378	688
5	1.6	286	440



h(m)	D(m)	Em(lx)	Emax(lx)
1	0.4	2007	8028
2	0.7	702	2007
3	1.1	401	892
4	1.5	276	502
5	1.8	209	321



h(m)	D(m)	Em(lx)	Emax(lx)
1	0.6	947	3788
2	1.3	331	947
3	1.9	189	421
4	2.5	130	237
5	3.1	99	152



h(m)	D(m)	Em(lx)	Emax(lx)
1	1.1	499	199
2	2.3	175	49
3	3.4	100	22
4	4.5	69	12
5	5.7	52	8

Disclaimer: Our R&D team works towards continuous improvement in product design and features. Please check with us for the latest information pertaining to this product.