

**CEILING RECESSED DOWN LIGHTS**

**Technical Specifications:**

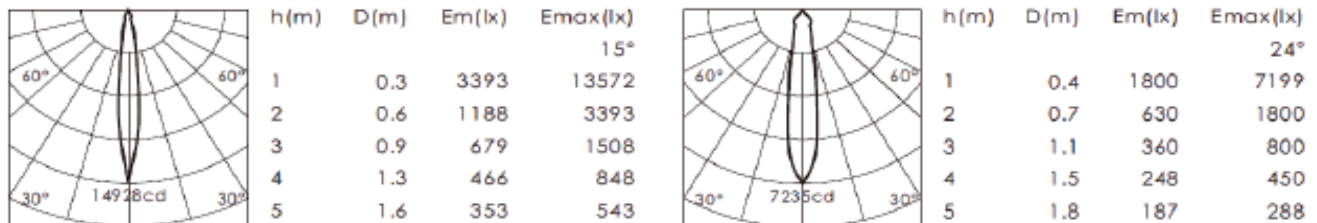
- Product Code : QL R-FBGJ FRDL\*
- Body Material : Die-cast Aluminium with powder-coated
- Reflector : High efficiency optical reflector
- Body Color : White, Silver, Black
- Fixed/Adjustable : Fixed
- Light Source : COB LED
- Beam Angle : 15°, 24°, 36°, 60°
- Color Temperature : 2700K, 3000K, 4000K
- 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 : 1.26Kg

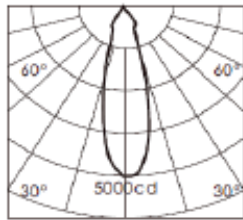


Product Code (*)	Wattage (W)	Lumen Output (lm)	Operating Current (mA)	Overall Diameter (mm)	Overall Height (mm)	Cutout Dimension (mm)
QL R-FBGJ FRDL 20W	20	3000K-2000 4000K-2080	500	150	152	140
QL R-FBGJ FRDL 25W	25	3000K-2300 4000K-2390	600	150	152	140
QL R-FBGJ FRDL 30W	30	3000K-3000 4000K-3110	800	150	152	140
QL R-FBGJ FRDL 40W	40	3000K-3800 4000K-3940	1050	150	152	140

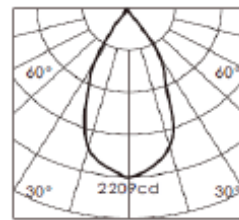
**Photometric Distribution Curve:**

QL R-FBGJ FRDL 20W:



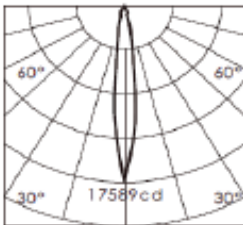


h(m)	D(m)	Em(lx)	Emax(lx)
1	0.5	1246	4985
2	1.0	436	1246
3	1.5	249	554
4	2.0	172	312
5	2.6	129	199

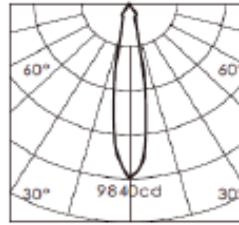


h(m)	D(m)	Em(lx)	Emax(lx)
1	1.0	550	2198
2	1.9	193	550
3	2.9	110	244
4	3.9	75	137
5	4.8	57	88

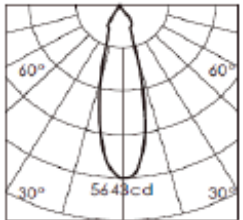
**QL R-FBGJ FRDL 25W:**



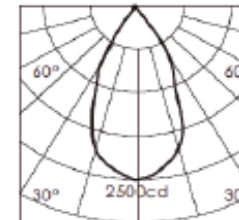
h(m)	D(m)	Em(lx)	Emax(lx)
1	0.3	4363	17453
2	0.6	1527	4363
3	0.9	873	1939
4	1.3	600	1091
5	1.6	454	698



h(m)	D(m)	Em(lx)	Emax(lx)
1	0.4	2460	9838
2	0.7	861	2460
3	1.1	492	1093
4	1.5	338	615
5	1.8	256	394

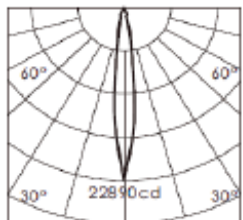


h(m)	D(m)	Em(lx)	Emax(lx)
1	0.5	1405	5619
2	1.0	492	1405
3	1.5	281	624
4	2.0	193	351
5	2.6	146	225

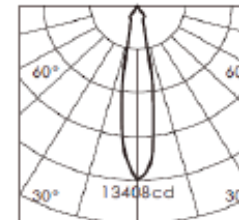


h(m)	D(m)	Em(lx)	Emax(lx)
1	1.0	620	2481
2	1.9	217	620
3	2.9	124	275
4	3.9	85	155
5	4.8	64	99

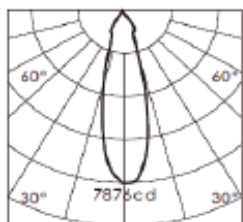
**QL R-FBGJ FRDL 30W:**



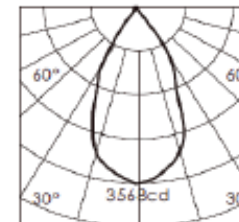
h(m)	D(m)	Em(lx)	Emax(lx)
1	0.3	5646	22583
2	0.6	1976	5646
3	0.9	1129	2509
4	1.2	777	1412
5	1.6	587	903



h(m)	D(m)	Em(lx)	Emax(lx)
1	0.4	3346	13385
2	0.7	1171	3346
3	1.1	669	1487
4	1.5	460	837
5	1.8	348	535

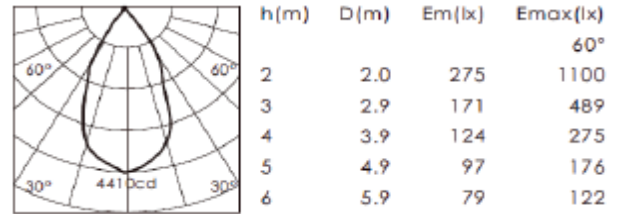
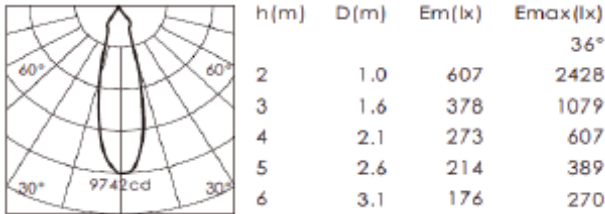
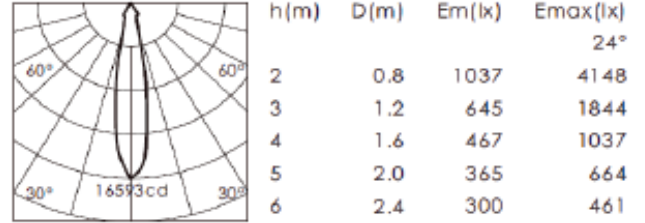
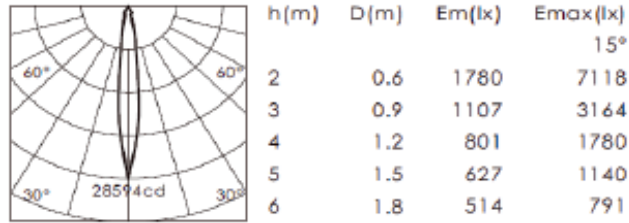


h(m)	D(m)	Em(lx)	Emax(lx)
1	0.5	1967	7869
2	1.0	688	1967
3	1.5	393	874
4	2.0	271	492
5	2.6	205	315



h(m)	D(m)	Em(lx)	Emax(lx)
1	1.0	891	3564
2	1.9	312	891
3	2.9	178	396
4	3.9	123	223
5	4.8	93	143

QL R-FBGJ FRDL 40W:



*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.*