

**CEILING RECESSED DOWN LIGHTS**

**Technical Specifications:**

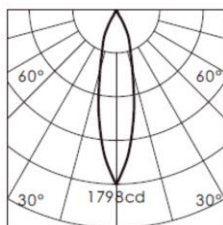
Product Code : QL R-FAEC FRDL\* / QL R-FAJD FRDL\*  
 Body Material : Die-cast Aluminium with powder- coated  
 Body Color : White, Silver, Black  
 Fixed/Adjustable : Fixed  
 Light Source : COB LED with an optical lens  
 Beam Angle : 24°, 36°, 60°  
 Color Temperature : 2700K, 3000K, 4000K  
 CRI : ≥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: Metal clamp  
 Life Time : 50000hrs  
 Weight : 0.35Kg



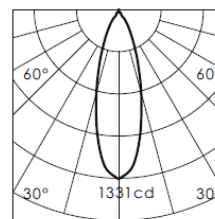
Product Code (*)	Wattage (W)	Lumen Output (lm)	Operating Current (mA)	Overall Diameter (mm)	Overall Height (mm)	Cutout Dimension (mm)
QL R-FAEC FRDL 6W	6	3000K-600 4000K- 620	140	82	47	70
QL R-FAEC FRDL 10W	10	3000K-950 4000K- 990	250	82	47	70
QL R-FAJD FRDL 15W	15	3000K-1400 4000K-1460	350	82	67	70

**Photometric Distribution Curve:**

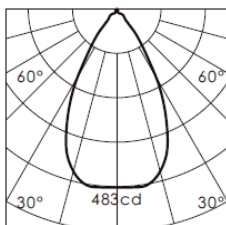
**QL R-FAEC FRDL 6W:**



h(m)	D(m)	Em(lx)	Emax(lx)
			24°
1	0.4	430	1720
2	0.9	151	430
3	1.3	86	191
4	1.8	59	108

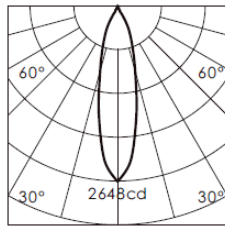


h(m)	D(m)	Em(lx)	Emax(lx)
			36°
1	0.6	333	1331
2	1.2	117	333
3	1.7	67	148
4	2.3	46	83

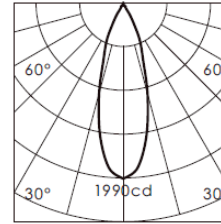


h(m)	D(m)	Em(lx)	Emax(lx)
			60°
1	1.1	118	471
2	2.3	41	118
3	3.4	23	52
4	4.5	17	30

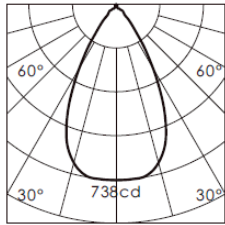
**QL R-FAEC FRDL 10W:**



h(m)	D(m)	Em(lx)	Emax(lx)
			24°
1	0.5	659	2637
2	0.9	230	658
3	1.4	131	292
4	1.9	90	164

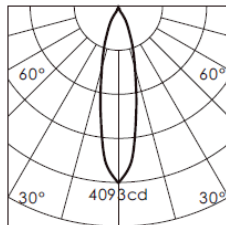


h(m)	D(m)	Em(lx)	Emax(lx)
			36°
1	0.6	493	1973
2	1.2	172	492
3	1.8	99	219
4	2.4	68	123

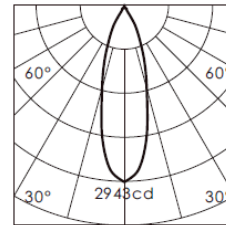


h(m)	D(m)	Em(lx)	Emax(lx)
			60°
1	1.1	183	730
2	2.3	64	182
3	3.4	36	81
4	4.5	26	47

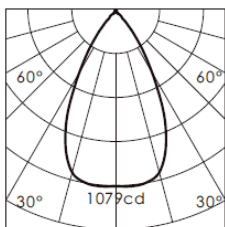
**QL R-FAJD FRDL 15W:**



h(m)	D(m)	Em(lx)	Emax(lx)
			24°
1	0.5	1019	4076
2	0.9	355	1015
3	1.4	203	451
4	1.8	140	254
5	2.3	105	162



h(m)	D(m)	Em(lx)	Emax(lx)
			36°
1	0.5	730	2920
2	1.1	256	730
3	1.6	146	324
4	2.1	101	183
5	2.7	76	117



h(m)	D(m)	Em(lx)	Emax(lx)
			60°
1	1.1	264	1056
2	2.3	92	264
3	3.4	53	117
4	4.5	36	66
5	5.6	27	42

*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.*