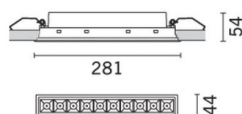
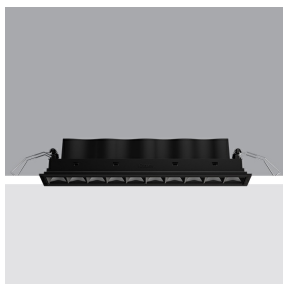
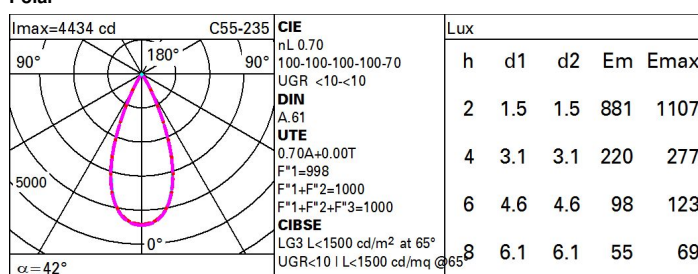


iGuzzini

QY45.43: Recessed with 10 cells - Flood optic - Black/Black



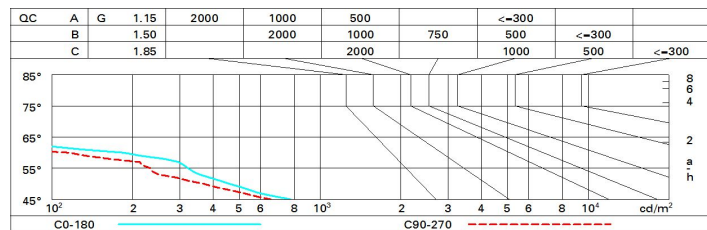
Im system:	2030	MacAdam Step:	3
W system:	23.7	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	2900	Lamp code:	LED
W source:	19	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	85.7	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	70	Inrush current:	29 A / 153 µs
Beam angle [°]:	42°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 32 luminaires B16A: 51 luminaires C10A: 53 luminaires C16A: 86 luminaires
CRI (minimum):	80	Minimum dimming %:	1
CRI (typical):	82	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	Tunable white 2700 - 6500	Control:	DALI-2



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	63	60	58	56	59	57	57	55	78
1.0	66	63	61	59	62	60	60	58	83
1.5	69	67	65	64	66	65	64	62	89
2.0	71	70	69	67	69	68	67	65	93
2.5	73	71	71	70	71	70	69	67	96
3.0	74	73	72	71	72	71	70	68	98
4.0	74	74	73	73	73	72	71	70	99
5.0	75	74	74	74	73	73	72	70	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 2900 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	0.0	0.4	0.2	0.0	0.9	0.2	0.0	0.4	0.0	7.1
	3H	5.8	0.2	0.1	0.5	0.8	0.0	0.4	0.3	0.7	7.0
	4H	5.7	0.1	0.1	0.4	0.7	0.0	0.4	0.3	0.6	6.9
	6H	5.7	0.0	0.0	0.3	0.7	5.9	0.2	0.2	0.6	6.9
	8H	5.6	0.0	0.0	0.3	0.6	5.8	0.2	0.2	0.5	6.8
	12H	5.6	5.9	0.0	0.3	0.6	5.8	0.1	0.2	0.5	6.8
4H	2H	5.8	0.1	0.1	0.4	0.7	0.0	0.3	0.3	0.6	6.9
	3H	5.6	5.9	0.0	0.3	0.6	5.8	0.1	0.2	0.5	6.8
	4H	5.5	5.8	5.9	0.2	0.6	5.7	0.0	0.1	0.4	6.8
	6H	5.4	5.7	5.8	0.1	0.5	5.6	5.9	0.0	0.3	6.7
	8H	5.4	5.6	5.8	0.0	0.5	5.6	5.8	0.0	0.2	6.7
	12H	5.3	5.5	5.8	0.0	0.4	5.5	5.7	0.0	0.2	6.6
8H	4H	5.4	5.6	5.8	0.0	0.5	5.6	5.8	0.0	0.2	6.7
	6H	5.3	5.5	5.7	5.9	0.4	5.5	5.7	5.9	0.1	6.6
	8H	5.2	5.4	5.7	5.9	0.3	5.4	5.6	5.9	0.1	6.6
	12H	5.2	5.3	5.7	5.8	0.3	5.4	5.5	5.9	0.0	6.5
12H	4H	5.3	5.5	5.8	0.0	0.4	5.5	5.7	0.0	0.2	6.6
	6H	5.2	5.4	5.7	5.9	0.3	5.4	5.6	5.9	0.1	6.6
	8H	5.2	5.3	5.7	5.8	0.3	5.4	5.5	5.9	0.0	6.5
Variations with the observer position at spacing:											
S =	1.0H	6.7 / -17.0					6.6 / -18.7				
	1.5H	9.5 / -23.9					9.5 / -27.2				
	2.0H	11.5 / -33.7					11.5 / -32.9				