

Product configuration: N001

Product code

### Technical description

## Installation

**Colour**

White / Aluminium (39)

Weight (Kg)

1.02

## Mounting

ceiling recessed

## Wiring

product complete with DALI components

## Notes

TPb rated

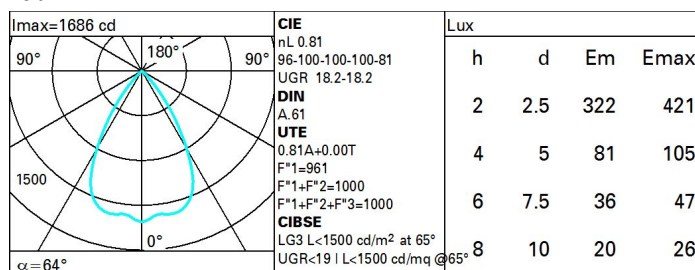
Complies with EN60598-1 and pertinent regulations



## Technical data

Im system:	1700	CRI (minimum):	80
W system:	14.9	Colour temperature [K]:	4000
Im source:	2100	MacAdam Step:	2
W source:	13	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	114.1	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	81	Number of optical assemblies:	1
Beam angle [°]:	64°	Control:	DALI-2

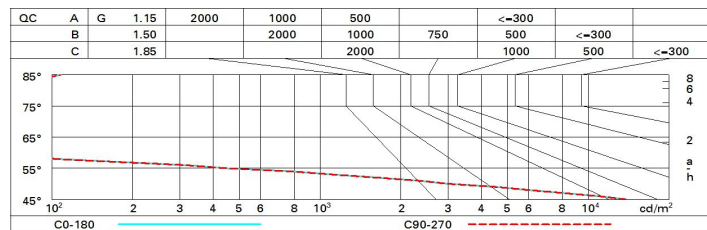
## Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	68	65	63	67	64	64	61	76
1.0	75	72	69	67	71	68	68	65	81
1.5	79	77	74	73	76	74	73	70	87
2.0	82	80	78	77	79	77	77	74	92
2.5	84	82	81	80	81	80	79	77	95
3.0	85	84	83	82	82	81	80	78	97
4.0	86	85	84	84	83	83	82	80	98
5.0	86	86	85	85	84	84	82	80	99

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 2100 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	18.8	19.4	19.0	19.6	19.8	18.8	19.4	19.0	19.6	19.8
	3H	18.6	19.2	18.9	19.4	19.7	18.6	19.2	18.9	19.4	19.7
	4H	18.6	19.1	18.9	19.3	19.6	18.6	19.1	18.9	19.3	19.6
	6H	18.5	18.9	18.8	19.2	19.6	18.5	18.9	18.8	19.2	19.6
	8H	18.4	18.9	18.8	19.2	19.5	18.4	18.9	18.8	19.2	19.5
	12H	18.4	18.8	18.8	19.2	19.5	18.4	18.8	18.8	19.2	19.5
4H	2H	18.6	19.1	18.9	19.3	19.6	18.6	19.1	18.9	19.3	19.6
	3H	18.4	18.8	18.8	19.2	19.5	18.4	18.8	18.8	19.2	19.5
	4H	18.3	18.7	18.7	19.0	19.4	18.3	18.7	18.7	19.0	19.4
	6H	18.2	18.5	18.7	18.9	19.4	18.2	18.5	18.7	18.9	19.4
	8H	18.2	18.5	18.6	18.9	19.3	18.2	18.5	18.6	18.9	19.3
	12H	18.1	18.4	18.6	18.8	19.3	18.1	18.4	18.6	18.8	19.3
8H	4H	18.2	18.5	18.6	18.9	19.3	18.2	18.5	18.6	18.9	19.3
	6H	18.1	18.3	18.6	18.8	19.2	18.1	18.3	18.6	18.8	19.2
	8H	18.0	18.2	18.5	18.7	19.2	18.0	18.2	18.5	18.7	19.2
	12H	18.0	18.2	18.5	18.6	19.2	18.0	18.2	18.5	18.6	19.2
12H	4H	18.1	18.4	18.6	18.8	19.3	18.1	18.4	18.6	18.8	19.3
	6H	18.0	18.2	18.5	18.7	19.2	18.0	18.2	18.5	18.7	19.2
	8H	18.0	18.2	18.5	18.6	19.2	18.0	18.2	18.5	18.6	19.2
Variations with the observer position at spacing:											
S =	1.0H	4.7 / -26.2					4.7 / -26.2				
	1.5H	7.5 / -31.2					7.5 / -31.2				
	2.0H	9.5 / -31.4					9.5 / -31.4				