

Product configuration: MV79.Y

Product code

Technical description

Installation

Colour
White / Aluminium (39)

Weight (Kg)
0.41

Mounting

ceiling recessed

Wiring

product complete with an electronic ballast

Notes

TPb rated

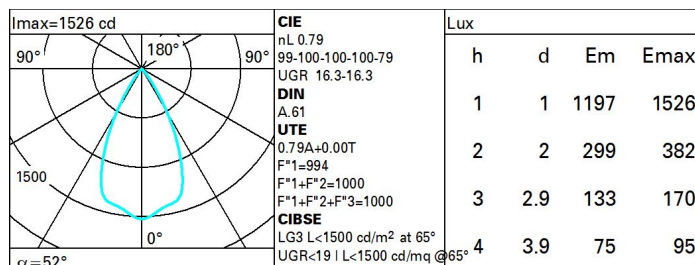
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	1066	CRI (minimum):	80
W system:	10.3	Colour temperature [K]:	4000
Im source:	1350	MacAdam Step:	2
W source:	8.4	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	103.5	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.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	52°		

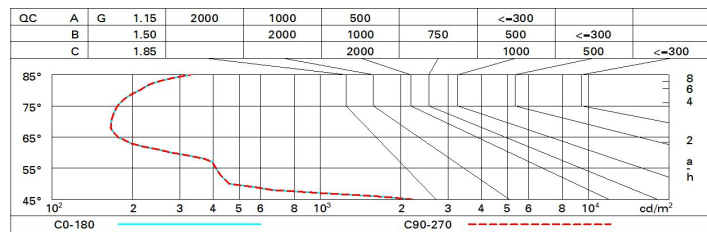
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	65	63	67	64	64	62	78
1.0	74	71	69	67	70	68	68	65	83
1.5	78	75	74	72	75	73	72	70	88
2.0	80	79	77	76	78	76	75	73	93
2.5	82	81	79	79	79	78	78	75	96
3.0	83	82	81	80	81	80	79	77	98
4.0	84	83	83	82	82	81	80	78	99
5.0	84	84	83	83	83	82	81	79	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 1350 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	16.9	17.5	17.2	17.7	17.9	16.9	17.5	17.2	17.7	17.9
	3H	16.7	17.3	17.1	17.5	17.8	16.7	17.3	17.1	17.5	17.8
	4H	16.7	17.2	17.0	17.4	17.7	16.7	17.2	17.0	17.4	17.7
	6H	16.6	17.0	16.9	17.4	17.7	16.6	17.0	16.9	17.4	17.7
	8H	16.6	17.0	16.9	17.3	17.6	16.6	17.0	16.9	17.3	17.6
	12H	16.5	16.9	16.9	17.3	17.6	16.5	16.9	16.9	17.3	17.6
4H	2H	16.7	17.2	17.0	17.4	17.7	16.7	17.2	17.0	17.4	17.7
	3H	16.5	16.9	16.9	17.3	17.6	16.5	16.9	16.9	17.3	17.6
	4H	16.4	16.8	16.8	17.2	17.5	16.4	16.8	16.8	17.2	17.5
	6H	16.3	16.7	16.8	17.1	17.5	16.3	16.7	16.8	17.1	17.5
	8H	16.3	16.6	16.7	17.0	17.4	16.3	16.6	16.7	17.0	17.4
	12H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4
8H	4H	16.3	16.6	16.7	17.0	17.4	16.3	16.6	16.7	17.0	17.4
	6H	16.2	16.4	16.7	16.9	17.4	16.2	16.4	16.7	16.9	17.4
	8H	16.1	16.3	16.6	16.8	17.3	16.1	16.3	16.6	16.8	17.3
	12H	16.1	16.3	16.6	16.8	17.3	16.1	16.3	16.6	16.8	17.3
12H	4H	16.2	16.5	16.7	16.9	17.4	16.2	16.5	16.7	16.9	17.4
	6H	16.1	16.3	16.6	16.8	17.3	16.1	16.3	16.6	16.8	17.3
	8H	16.1	16.3	16.6	16.8	17.3	16.1	16.3	16.6	16.8	17.3
Variations with the observer position at spacing:											
S =	1.0H	6.0 / -23.7					6.0 / -23.7				
	1.5H	8.8 / -24.6					8.8 / -24.6				
	2.0H	10.8 / -25.0					10.8 / -25.0				