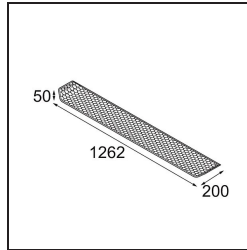| Date	
Customer	
Project	
Type	

Specifications

FFD_Vaeder Surface 1x LED 2700K 1-10V DI Black Structure - White Matt
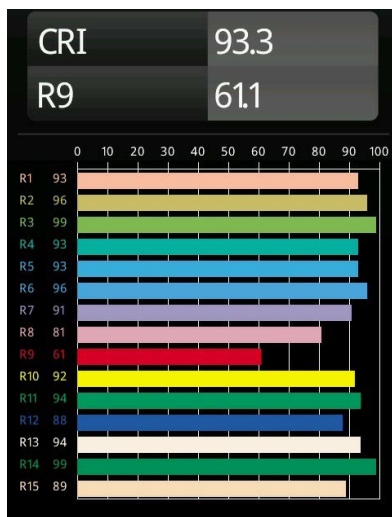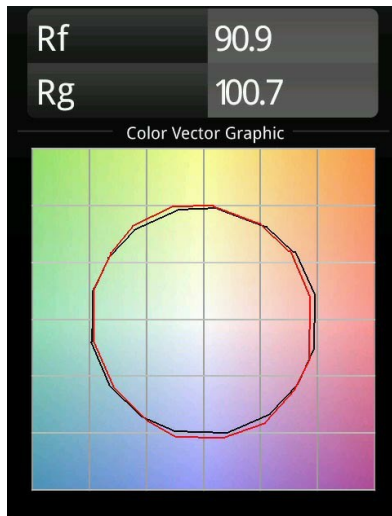

50|
1262
200

With a name derived from the English verb 'to evade', it is clear from the start that Vaeder will be miles ahead of anything average. This fixture feels equally at home in an energy-efficient, ergonomic office environment and in a home office. Its characteristic honeycomb structure in combination with a wafer-thin diffuser minimises glare, while Vaeder's ground-breaking LED technology results in an energy-efficient and high-performance office fixture.

Specifications

Material	14082072
Light Source Type	LED
LED Type	NLP
LED technology	LED PCB
CRI	Min. 90
Colour Temperature	2700K
Lifetime	L80B10 @50,000 Hours
Lamp Included	Yes
Number of Light Sources	1
CIE flux code	63 87 97 100 61
Binning (SDCM)	2
Light Direction	Down
Optic	Optic foil
Input Voltage	230V
Luminaire power (W)	36.0
Electrical Class	I
IP Rating	20
Glow wire rating (°C)	960
Dimming Protocol	1-10V
Indoor/Outdoor	Indoor
Application	Ceiling
Mounting	Surface
Adjustability	Not Applicable
Distance to Lighted Object (m)	0,1
Primary Colour & Primary Finish	Black, Structure
Secondary Colour & Secondary Finish	White, Matt
Gross weight (g)	5642.0
Luminous flux per lamp (lm)	2303
Efficacy (lm/W)	64
Glare rating	16

Diagrams

TM30 & CRI diagram

Rf	90.9
Rg	100.7

Color Vector Graphic

CRI	93.3
R9	61.1

		0 10 20 30 40 50 60 70 80 90 100
R1	93	
R2	96	
R3	99	
R4	93	
R5	93	
R6	96	
R7	91	
R8	81	
R9	61	
R10	92	
R11	94	
R12	88	
R13	94	
R14	99	
R15	89	

Light distribution & beam diagram

H[m]	D[m]	Eav[lux]	Emax[lux]
1.00	1.33 / 1.34	700	1527
2.00	2.66 / 2.68	175	382
3.00	3.99 / 4.03	78	170
4.00	5.33 / 5.37	44	95
5.00	6.66 / 6.71	28	61

3752 lm

C0 beam angle 67.3°
C90 beam angle 67.7°

η = 61 %