

M311N3LED7740-S
OPTILUX floodlight, Narrow light distribution, 4000K, LED7, 23000 Lumens, 150W, Gray

Min. Ambient Temperature:	-30°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
Ballast/ Driver brand name:	Vossloh Schwabe
Ballast/ driver Spec:	short-circuit protection, Dimmable (1-10V)
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	100~277 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polyamide
Terminal Spec:	3-Pole (Size: 2.5)
Socket & Plug:	Polyamide
Socket & Plug Spec:	3-Pole (Size: 2.5)
Cable Looping:	Yes
Cable Gland Spec:	Polyamide
Cable gland type:	PG13.5
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	Gray
RAL:	RAL7043
Body Characteristic:	Specially designed cooling feature
Diffuser/Glass Material:	Tempered glass
Diffuser/Glass Shape:	Clear and flat
Diffuser/Glass Characteristic:	6mm thickness
Lens Material:	clear Acrylic
Light Distribution:	25 degrees
Gasket Material:	silicon
Gasket Characteristic:	Resistant to pressure. Ingress protection against dust and moisture, High thermal resistance
Interior Connection Material:	Galvanized coated
Exterior Connection Material:	Dacromet coated
Packaging type:	Nylon cover and carton
Other Characteristics:	Sturdy gray powder coated swivel base with scale and stainless steel bolts for adjusting the floodlight to the desired angle

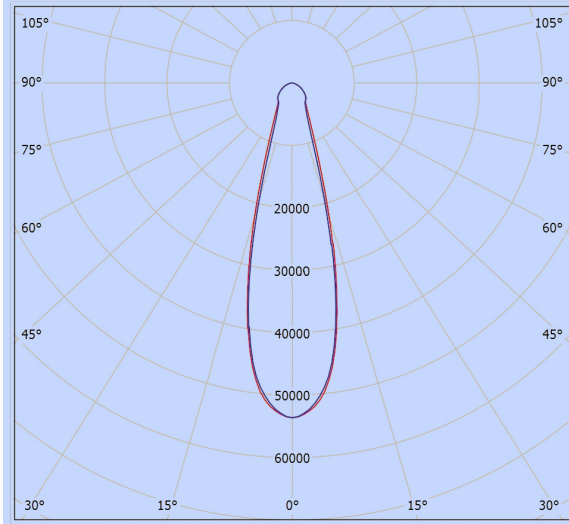
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Weight(Kg):	7
Dimensions(mm):	440x415x85
Luminaire mechanical impact resistance:	IK10
Order Option (Routine option):	Customizable Timer Dimming scenarios, Nano coated clear glass diffuser, Body color in black, Dimmable DALI driver

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Photometric Graph



Glare Evaluation According to UGR

ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	22.9	23.9	23.2	24.1	24.3	22.7	23.7	23.0	23.9	24.1
	3H	23.9	24.8	24.2	25.0	25.3	23.6	24.4	23.9	24.7	24.9
	4H	24.1	25.0	24.4	25.2	25.5	23.8	24.6	24.1	24.9	25.1
	6H	24.2	25.0	24.5	25.3	25.6	23.8	24.6	24.2	24.9	25.2
4H	8H	24.2	24.9	24.5	25.2	25.5	23.8	24.6	24.2	24.9	25.2
	12H	24.2	24.9	24.5	25.2	25.5	23.8	24.5	24.2	24.8	25.1
	2H	23.4	24.2	23.7	24.5	24.7	23.2	24.0	23.5	24.3	24.5
	3H	24.4	25.1	24.8	25.5	25.8	24.2	24.9	24.5	25.2	25.5
8H	4H	24.8	25.4	25.1	25.7	26.1	24.5	25.1	24.8	25.4	25.8
	6H	24.9	25.4	25.3	25.8	26.2	24.6	25.1	25.0	25.5	25.8
	8H	24.9	25.4	25.3	25.7	26.2	24.6	25.0	25.0	25.4	25.8
	12H	24.9	25.3	25.3	25.7	26.1	24.5	25.0	25.0	25.4	25.8
12H	4H	24.8	25.3	25.2	25.7	26.1	24.5	25.0	25.0	25.4	25.8
	6H	25.0	25.4	25.4	25.8	26.2	24.7	25.0	25.1	25.5	25.9
	8H	25.0	25.3	25.5	25.8	26.2	24.7	25.0	25.1	25.4	25.9
	12H	25.0	25.2	25.5	25.7	26.2	24.6	24.9	25.1	25.4	25.9
Standard table	4H	24.8	25.2	25.2	25.6	26.1	24.5	24.9	25.0	25.3	25.8
	6H	25.0	25.3	25.4	25.7	26.2	24.7	25.0	25.1	25.4	25.9
	8H	25.0	25.2	25.5	25.7	26.2	24.7	24.9	25.1	25.4	25.9
	12H	25.0	25.2	25.5	25.7	26.2	24.7	24.9	25.1	25.4	25.9
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.2 / -0.3					+0.2 / -0.3					
S = 1.5H	+0.4 / -0.8					+0.5 / -0.9					
S = 2.0H	+1.0 / -1.5					+1.2 / -1.7					
Standard table	BK03					BK03					
Correction Summand	7.3					7.0					
Corrected Glare Indices referring to 23000lm Total Luminous Flux											

Dimensional Drawing

