



# TRACK SPOTS

SPOTLUX-179



## SPECIFICATIONS :

Mounting	: Track mounted
Lamp type	: MR16-HAL / CMD-TC
Lamp holder	: PGJ5
Control gear type	: Electronic
Voltage Rating/ Freq.	: 220-240V / 50-60 Hz
Power factor	: >0.95
Degree of protection	: IP 20
Internal Wiring	: 0.5 mm sq solid copper wire PVC 105 deg C
Conformity	: IEC 60598 / SASO 1318

**DESCRIPTIONS :** SPOTLUX is a track mounted luminaire of 2.0 mm die casted aluminum housing finished with 3-steps pretreated electrostatic powder coating used for high ceiling applications. The aluminum optic is used with Purity higher than 99% and reflectance higher than 80% for LOR reaches up to 100%. Energy trims are also made of die cast aluminum. Many optic solutions give different distribution shapes. DIAL Certified Photometry.

**APPLICATIONS :** Retails, hotels and fashion shops

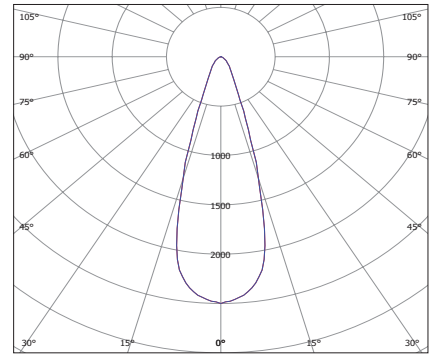


## Glare Evaluation According to UGR

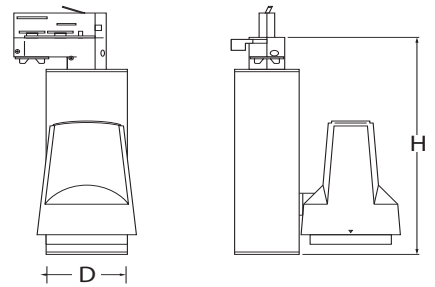
Room Size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
X	Y										
2H	2H	15.4	16.2	15.7	16.5	16.8	15.4	16.2	15.7	16.5	16.8
	3H	15.7	16.4	16.1	16.7	17.1	15.7	16.4	16.1	16.7	17.1
	4H	15.8	16.4	16.2	16.8	17.1	15.8	16.4	16.2	16.8	17.1
	6H	15.8	16.4	16.2	16.8	17.2	15.8	16.4	16.2	16.8	17.2
	8H	15.8	16.4	16.3	16.8	17.2	15.8	16.4	16.3	16.8	17.2
	12H	15.9	16.4	16.3	16.8	17.2	15.9	16.4	16.3	16.8	17.2
4H	2H	15.4	16.1	15.8	16.4	16.8	15.4	16.1	15.8	16.4	16.8
	3H	15.8	16.4	16.2	16.8	17.2	15.8	16.4	16.2	16.8	17.2
	4H	15.9	16.4	16.4	16.8	17.3	15.9	16.4	16.4	16.8	17.3
	6H	16.1	16.5	16.5	16.9	17.4	16.1	16.5	16.5	16.9	17.4
	8H	16.1	16.5	16.6	17.0	17.5	16.1	16.5	16.6	17.0	17.5
	12H	16.2	16.5	16.7	17.0	17.5	16.2	16.5	16.7	17.0	17.5
8H	4H	15.9	16.3	16.4	16.8	17.3	15.9	16.3	16.4	16.8	17.3
	6H	16.1	16.4	16.6	16.9	17.5	16.1	16.4	16.6	16.9	17.5
	8H	16.2	16.5	16.8	17.0	17.6	16.2	16.5	16.8	17.0	17.6
	12H	16.3	16.6	16.9	17.1	17.7	16.3	16.6	16.9	17.1	17.7
12H	4H	15.9	16.2	16.4	16.7	17.2	15.9	16.2	16.4	16.7	17.2
	6H	16.1	16.4	16.7	16.9	17.5	16.1	16.4	16.7	16.9	17.5
	8H	16.2	16.5	16.8	17.0	17.6	16.2	16.5	16.8	17.0	17.6

Variation of the observer position for the luminaire distances S			
S = 1.0H		+0.8 / -1.4	+0.8 / -1.4
S = 1.5H		+1.8 / -3.5	+1.8 / -3.5
S = 2.0H		+3.4 / -4.7	+3.4 / -4.7
Standard table	BK01		BK01
Correction Summand	0.3		0.3



TRS-178 MR16-HAL 20W E [WH] Lor. 100%  
For the rest refer to page - 438



Corrected Glare Indices referring to 995lm Total Luminous Flux  
The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 1.00.

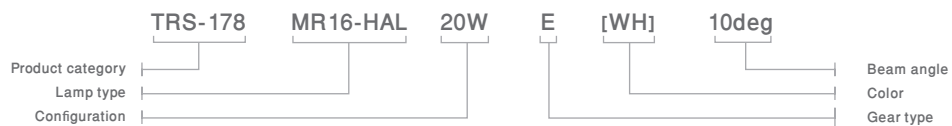
CODE	D	H
TRS-178 MR16-HAL 20W E [WH]	90	195

CODE	D	H
TRS-179 CDM TC-20W E [WH] 10deg	90	195
TRS-179 CDM TC-20W E [WH] 20deg	90	174
TRS-179 CDM TC-20W E [WH] 30deg	90	174
TRS-179 CDM TC-35W E [WH] 10deg	90	195
TRS-179 CDM TC-35W E [WH] 20deg	90	174
TRS-179 CDM TC-35W E [WH] 30deg	90	174

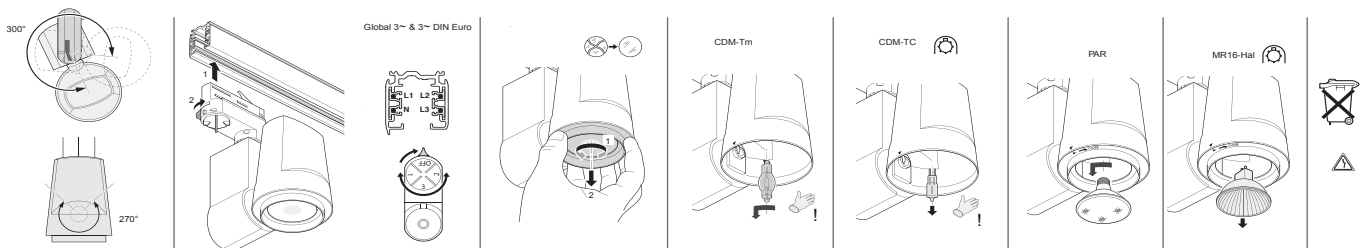
### OPTIONS:

- Gear [DIM] [DALI]

## Ordering Example



## Mounting System





## SPECIFICATIONS :

Mounting	: Track mounted
Lamp type	: CDM-TM/HAL MR16-CMH/ HAL MR16-HAL
Lamp holder	: PGJ5
Control gear type	: Electronic
Voltage Rating/ Freq.	: 220-240V / 50-60 Hz
Power factor	: >0.95
Degree of protection	: IP 20
Internal Wiring	: 0.5 mm sq solid copper wire PVC 105 deg C
Conformity	: IEC 60598 / SASO 1318

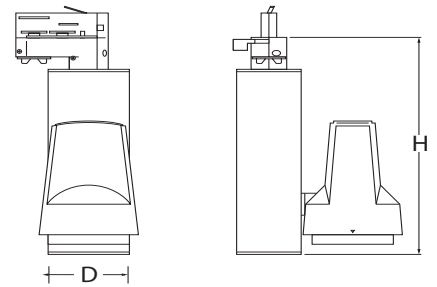
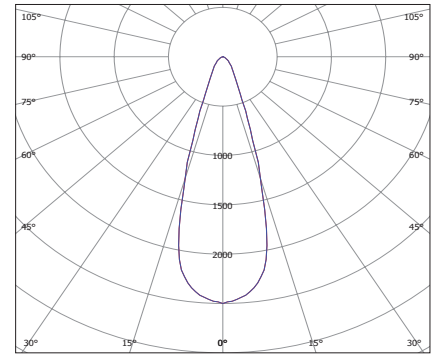
**DESCRIPTIONS :** SPOTLUX is a track mounted luminaire of 2.0 mm die casted aluminum housing finished with 3-steps pretreated electrostatic powder coating used for high ceiling applications. The aluminum optic is used with Purity higher than 99% and reflectance higher than 80% for LOR reaches up to 100%. Energy trims are also made of die cast aluminum. Many optic solutions give different distribution shapes. DIAL Certified Photometry.

**APPLICATIONS :** Retails, hotels and fashion shops



## Glare Evaluation According to UGR

$\rho$ Ceiling	70	70	50	50	30	70	70	50	50	30	
$\rho$ Walls	50	30	50	30	30	50	30	50	30	30	
$\rho$ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X	Room Size Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	15.4	16.2	15.7	16.5	16.8	15.4	16.2	15.7	16.5	16.8
	3H	15.7	16.4	16.1	16.7	17.1	15.7	16.4	16.1	16.7	17.1
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	6H	15.8	16.4	16.2	16.8	17.2	15.8	16.4	16.2	16.8	17.2
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	3H	15.8	16.4	16.2	16.8	17.2	15.8	16.4	16.2	16.8	17.2
	4H	15.9	16.4	16.4	16.8	17.3	15.9	16.4	16.4	16.8	17.3
	6H	16.1	16.5	16.5	16.9	17.4	16.1	16.5	16.5	16.9	17.4
	8H	16.1	16.5	16.6	17.0	17.5	16.1	16.5	16.6	17.0	17.5
	12H	16.2	16.5	16.7	17.0	17.5	16.2	16.5	16.7	17.0	17.5
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	6H	16.1	16.4	16.6	16.9	17.5	16.1	16.4	16.6	16.9	17.5
	8H	16.2	16.5	16.8	17.0	17.6	16.2	16.5	16.8	17.0	17.6
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	6H	16.1	16.4	16.7	16.9	17.5	16.1	16.4	16.7	16.9	17.5
	8H	16.2	16.5	16.8	17.0	17.6	16.2	16.5	16.8	17.0	17.6
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.8 / -1.4					+0.8 / -1.4					
S = 1.5H	+1.8 / -3.5					+1.8 / -3.5					
S = 2.0H	+3.4 / -4.7					+3.4 / -4.7					
Standard table	BK01					BK01					
Correction Summand	0.3					0.3					



Corrected Glare Indices referring to 995lm Total Luminous Flux  
The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 1.00.

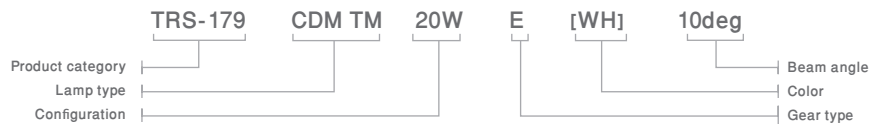
CODE	D	H
TRS-179 CDM TM-20W E (WH) 10deg	90	174
TRS-179 CDM TM-20W E (WH) 20deg	90	174
TRS-179 CDM TM-20W E (WH) 30deg	90	174
TRS-179 CDM TM-35W E (WH) 10deg	90	174
TRS-179 CDM TM-35W E (WH) 20deg	90	174
TRS-179 CDM TM-35W E (WH) 30deg	90	174

CODE	D	H
TRS-179 HAL MR16-CMH 20W E (WH)	90	174
TRS-179 HAL MR16-HAL 20W E (WH)	90	174

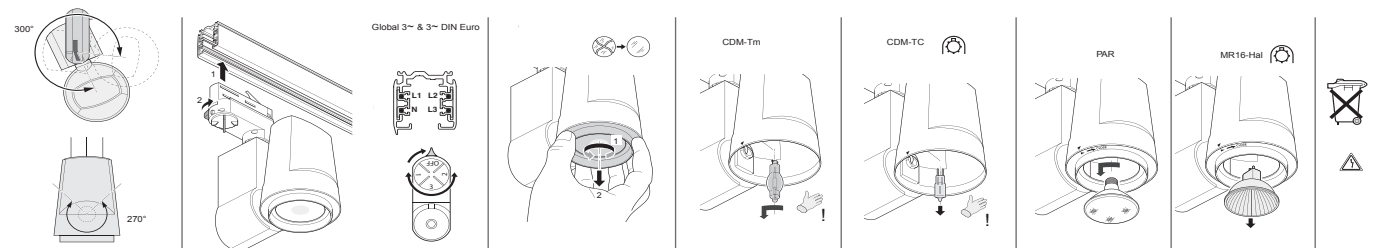
### OPTIONS:

- Gear (DIM) (DALI)

### Ordering Example



### Mounting System



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