



OVERVIEW COMBI RAIL PRO-LIGHT

Version 04-11-2021

Max. total power 300W (because of deviations in bulbs max. load 90% of Trafo)
 Fixture GX5.3 / MR16 , 12V up to max 50W / luminaire
 Max. total length of system 8m, max 5 pcs of track/4 track connectors
 Max length 12V power cord 3m
 Max. mechanical load picture hanging 20kg/point and 50kg/m

Max amount of bulbs / Trafo

	LEDwarmwit Philips 6,5W diffuus 40.41306	LEDwarmwit Philips 7,5W diffuus 40.41308
		
Trafo 240/12V 60VA 40.32060	6**	4
Trafo 240/12V 100VA 40.32100	10**	8
Trafo 240/12V 300VA 40.32300	28	22

Main properties of bulbs

Type		MR16	MR16	
Power	[W]	6,5	7,5	
Powerf.(cosphi)		0,7	0,7	
Power Incl. blind (cosphi)	[W]	9,29	10,71	Calculated from power and cosphi
Power Incl. blind (current)	[W]	9,60	8,64	Calculated from power and current
Current	[mA]	800	720	
Beam intensity	[cd]	2350	3250	
Color temperature	[K]	3000	3000	Lower is warmer white
UV		N	N	
IR (warmte)		N	N	
Ra (CRI)		97	90	For realistic colour reproduction an Ra of min 90 is recommended
Lifetime	[hr]	40000	40000	Opgave producent (LED tot 70% lichtopbrengst einde levensduur)
Diameter	[mm]	51	50	As specified by the manufacturer (LED usually to min 70% of lightoutput)
Length	[mm]	46	45,5	
Weight	[kg]	0,034	0,050	
Straylight Rear		N	N	N is preferred because bulb / luminaire is less visible
Dimable		Y*	Y*	
Beam Angle	[°]	24	24	Angle of lightbeam (usually up to half the max beam intensity)
Beam diameter at 1m	[m]	geen opg.	geen opg.	Diameter of lightspot (usually up to half the max beam intensity)
Beam intensity on 1m	[lux]	geen opg.	geen opg.	Amount of light on object (sometimes the total output is specified)
Light output	[lm]	440	621	Amount of light
Luminus Efficacy	[lm/W]	67,7	82,0	

* For dimming MasterLED consult last information on www.philips.com because specifications change frequently

** For 6,5W on 60W and 100W trafo with max. amount of bulbs leads to 96% of max. current (instead of recommended 90%)