

**General information / Informatii generale / Informazioni generali**

Code	Finishing	Power	Input voltage	Output current / voltage	LED flux	System flux	CCT	Weight
RP50WW15 MWH	MWH	14,7W	220-240V AC	250 mA/25-54V DC	2132 lm	1549 lm	3000K	1,73 kg
RP50NW15 MWH	MWH	14,7W	220-240V AC	250 mA/25-54V DC	2249 lm	1654 lm	4000K	1,73 kg
RP50WW30 MWH	MWH	29,4W	220-240V AC	250 mA/55-120V DC	4264 lm	3098 lm	3000K	3,34 kg
RP50NW30 MWH	MWH	29,4W	220-240V AC	250 mA/55-120V DC	4498 lm	3308 lm	4000K	3,34 kg
RP50WW45 MWH	MWH	44,1W	220-240V AC	250 mA/90-175V DC	6396 lm	4647 lm	3000K	4,92 kg
RP50NW45 MWH	MWH	44,1W	220-240V AC	250 mA/90-175V DC	6747 lm	4962 lm	4000K	4,92 kg
RP50WW60 MWH	MWH	58,8W	220-240V AC	250 mA/54-216V DC	8528 lm	6196 lm	3000K	6,67 kg
RP50NW60 MWH	MWH	58,8W	220-240V AC	250 mA/54-216V DC	8996 lm	6616 lm	4000K	6,67 kg
RP50WW15 MBK	MBK	14,7W	220-240V AC	250 mA/25-54V DC	2132 lm	1549 lm	3000K	1,73 kg
RP50NW15 MBK	MBK	14,7W	220-240V AC	250 mA/25-54V DC	2249 lm	1654 lm	4000K	1,73 kg
RP50WW30 MBK	MBK	29,4W	220-240V AC	250 mA/55-120V DC	4264 lm	3098 lm	3000K	3,34 kg
RP50NW30 MBK	MBK	29,4W	220-240V AC	250 mA/55-120V DC	4498 lm	3308 lm	4000K	3,34 kg
RP50WW45 MBK	MBK	44,1W	220-240V AC	250 mA/90-175V DC	6396 lm	4647 lm	3000K	4,92 kg
RP50NW45 MBK	MBK	44,1W	220-240V AC	250 mA/90-175V DC	6747 lm	4962 lm	4000K	4,92 kg
RP50WW60 MBK	MBK	58,8W	220-240V AC	250 mA/54-216V DC	8528 lm	6196 lm	3000K	6,67 kg
RP50NW60 MBK	MBK	58,8W	220-240V AC	250 mA/54-216V DC	8996 lm	6616 lm	4000K	6,67 kg

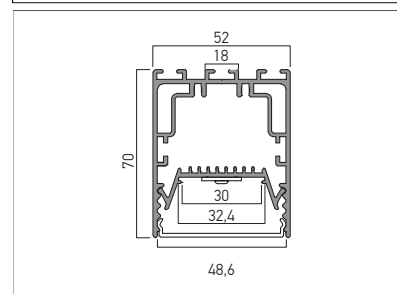
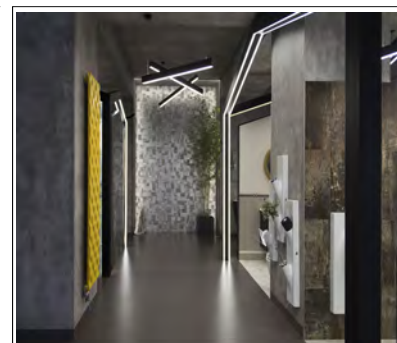
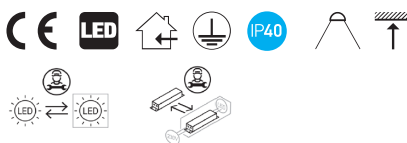
LED type: LINEAR LEDs MODULES

Driver: Included

CRI: 80

Optics: 120°

Working ambient temperature: -10 ÷ +50 °C



Profile transversal section

**EN**

System of light fittings for surface or suspended mounting, for continuous luminous lines, equipped with SMD LED linear modules, with connection at 90° (RP50WW/NW8LC), in T (RP50WW/NW12TC) or cross mounting (RP50WW/NW16XC). The system has also accessories for power supply (PRF080PK), linear connection (PRF080CK01), suspension (PRF080SK01) and closing structures or luminaires (PRF080TP02). The light fittings from this range can be mounted also as individual luminaires.

Extruded aluminum profile, electrostatically painted, with detachable central part for installing of the LED modules and driver.

Reflector and support for LEDs modules and driver in profile of extruded aluminum, electrostatically painted. Opal polycarbonate diffuser with an efficiency of luminous flux transmission of 70%.

Constant current led driver. Two self locking 2P+N blocks of terminals (10A/250V, 2,5 mm<sup>2</sup>), one at each side, to assemble the continuous linear structures.

**Range of applications**

General or local lighting in offices, reception areas, conference rooms or public working spaces.

**RO**

Sistem de corpuri de iluminat pentru montaj aparent sau suspendat, cu posibilitatea de realizare a structurilor luminoase continue, cu unghiuri de 90° (RP50WW/NW8LC), în T (RP50WW/NW12TC) sau în cruce (RP50WW/NW16XC), echipate cu module liniare cu LED-uri SMD. Sunt disponibile de asemenea accesoriile pentru alimentare (PRF080PK), conexiunea liniară (PRF080CK01), suspendare (PRF080SK01) și închiderea structurilor sau corpurilor individuale (PRF080TP02). Corpurile de iluminat din gama XROPE pot fi montate și individual.

Profil din aluminiu extrudat, vopsit în câmp electrostatic, cu partea centrală detașabilă pentru instalarea modulelor cu LED-uri și a alimentatorului.

Reflector și suport pentru modulele cu LED-uri și alimentator din profil de aluminiu extrudat, vopsit în câmp electrostatic. Dispensator din policarbonat opal, cu un randament al transmisiei fluxului luminos de 70%.

Alimentator în curent constant. Două cleme de conexiuni 2P+N (10A/250V, 2,5 mm<sup>2</sup>) cu autoblocare, câte una la fiecare capăt, conectate între ele pentru realizarea de structuri liniare continue.

**Aplicații**

Iluminatul general sau local în birouri, zone de recepție, săli de conferințe sau spații de lucru cu publicul.

**IT**

Sistema di apparecchi per montaggio a superficie o a so-sensione, dotati di moduli lineari a LED SMD, permettono la realizzazione di strutture luminose lineari, con angoli di 90° (RP50WW/NW8LC) e connessioni a T (RP50WW/NW12TC) o a croce (RP50WW/NW16XC). Sono disponibili accessori per alimentazione (PRF080PK), connessione lineare (PRF080CK01), sospensione (PRF080SK01) chiusura degli strutture o apparecchi (PRF080TP02). Gli apparecchi di questo sistema, possono anche essere montati singolarmente.

Profilo estruso di alluminio, verniciato a polveri, parte centrale removibile per l'installazione dei moduli LED e alimentatore.

Riflettore e supporto per moduli a LED e alimentatore, in profilo estruso di alluminio verniciato a polveri. Diffusore in policarbonato opalino, efficienza di trasmissione del flusso luminoso di 70%.

Alimentatore a corrente costante. Due morsetti 2P+N (10A/250V, 2,5 mm<sup>2</sup>) autobloccanti a ciascuna estremità per i collegamenti ad altri apparecchi.

**Campi di applicazione**

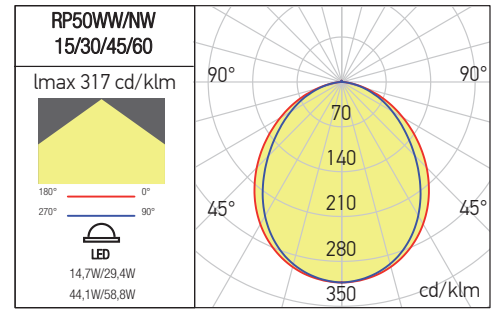
Iluminazione generale o locale di uffici, zone di ricezione, sale conferenza o spazi pubblici.

**NOTES**

The colors in which the structural elements and the accessories of the XROPE system are delivered is mat white and mat black. On request these elements can be painted in RAL system colors or in anodized aluminum finishing. *Finisajele standard ale corpurilor de iluminat din gama XROPE sunt alb mat și negru mat. La cerere profilele și accesoriile XROPE pot fi vopsite în nuanțele sistemului de culori RAL sau cu finisaj aluminiu anodizat.*  
 Gli apparecchi della gamma XROPE sono consegnati con finiture bianco opaco o nero opaco. Su richiesta i profili e accessori di connessione possono essere verniciati nelle tinte RAL o forniti con finitura alluminio anodizzato.



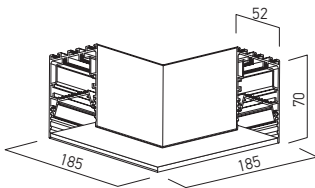
On request, the luminaires and connection accessories from the XROPE range can be equipped with DALI dimmable drivers and LED modules with CRI >90. *La cerere corpurile de iluminat și accesoriile de conexiune din gama XROPE pot fi echipate cu alimentatoare dimabile DALI și module cu LED-uri cu CRI >90.*  
 Su richiesta gli apparecchi e accessori di collegamento della gamma XROPE possono essere dotati di alimentatori dimmerabili DALI e moduli LED con CRI >90.



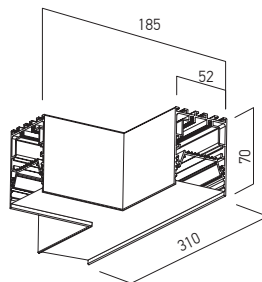
Code	Finishing	Power	Input voltage	Output current / voltage	LED flux	System flux	CCT	Weight
RP50WW8LC MWH	MWH	2x4W	220-240V AC	350 mA/14-29V DC	1180 lm	842 lm	3000K	0,48 kg
RP50NW8LC MWH	MWH	2x4W	220-240V AC	350 mA/14-29V DC	1240 lm	902 lm	4000K	0,48 kg
RP50WW8LC MBK	MBK	2x4W	220-240V AC	350 mA/14-29V DC	1180 lm	842 lm	3000K	0,48 kg
RP50NW8LC MBK	MBK	2x4W	220-240V AC	350 mA/14-29V DC	1240 lm	902 lm	4000K	0,48 kg
RP50WW12TC MWH	MWH	3x4W	220-240V AC	350 mA/14-29V DC	1770 lm	1263 lm	3000K	0,68 kg
RP50NW12TC MWH	MWH	3x4W	220-240V AC	350 mA/14-29V DC	1860 lm	1353 lm	4000K	0,68 kg
RP50WW12TC MBK	MBK	3x4W	220-240V AC	350 mA/14-29V DC	1770 lm	1263 lm	3000K	0,68 kg
RP50NW12TC MBK	MBK	3x4W	220-240V AC	350 mA/14-29V DC	1860 lm	1353 lm	4000K	0,68 kg
RP50WW16XC MWH	MWH	4x4W	220-240V AC	350 mA/14-29V DC	2360 lm	1684 lm	3000K	0,82 kg
RP50NW16XC MWH	MWH	4x4W	220-240V AC	350 mA/14-29V DC	2480 lm	1804 lm	4000K	0,82 kg
RP50WW16XC MBK	MBK	4x4W	220-240V AC	350 mA/14-29V DC	2360 lm	1684 lm	3000K	0,82 kg
RP50NW16XC MBK	MBK	4x4W	220-240V AC	350 mA/14-29V DC	2480 lm	1804 lm	4000K	0,82 kg

**STANDARDS**

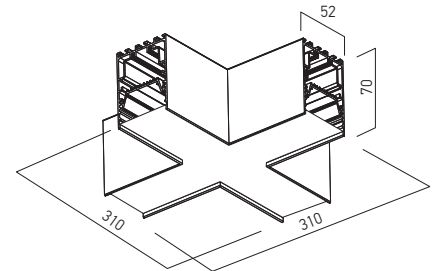
EN 60598-1:2015 + A1:2018,  
 EN 60598-2-1:2020,  
 EN 62031:2008 + A1:2013 + A2:2015  
 EN 55015:2019 + A11:2020,  
 EN 61000-3-2:2019,  
 EN 61000-3-3:2013 + A1:2019,  
 EN 61547:2009  
 EN 62493:2015,  
 EN 62471:2008,  
 EN 60529:1992 + A2:2013



RP50WW/NW8LC MWH/MBK



RP50WW/NW12TC MWH/MBK



RP50WW/NW16XC MWH/MBK



PRF080TP02 MWH/MBK



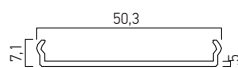
PRF080PK MWH/MBK



PRF080CK01



PRF080SK01



RP50A300

Opal polycarbonate diffuser with 3000mm length, to assemble the linear continuous structures with the luminaires of XROPE family, with an efficiency of luminous flux transmission of 70%. *Dispersor opal din policarbonat cu lungimea de 3000mm, pentru realizarea de structuri liniare cu corpurile de iluminat din familia XROPE, cu un randament al transmisiei fluxului luminos de 70%.*  
 Diffusore satinato in policarbonato con lunghezza di 3000mm, per la realizzazione di strutture luminose continue con apparecchi della famiglia XROPE, efficienza di trasmissione del flusso luminoso di 70%.

## ErP and ecodesign data / Date ErP și ecodesig / Dati ErP ed ecodesign

	<b>RP50WW15 MWH/MBK</b>	<b>RP50NW15 MWH/MBK</b>	<b>RP50WW30 MWH/MBK</b>	<b>RP50NW30 MWH/MBK</b>	<b>RP50WW45 MWH/MBK</b>	<b>RP50NW45 MWH/MBK</b>
Lighting technology used:	LED	LED	LED	LED	LED	LED
Directional or non-directional:	NDLS	NDLS	NDLS	NDLS	NDLS	NDLS
Mains or non-mains:	NMLS	NMLS	NMLS	NMLS	NMLS	NMLS
CLS:	No	No	No	No	No	No
Color tunable light source:	No	No	No	No	No	No
Anti-glare shield:	No	No	No	No	No	No
Dimmable:	No	No	No	No	No	No
Energy consumption (kWh/1000h):	14,7 kWh/1000h	14,7 kWh/1000h	29,4 kWh/1000h	29,4 kWh/1000h	44,1 kWh/1000h	44,1 kWh/1000h
Energy efficiency class:	C	C	C	C	C	C
Useful luminous flux (Φuse) (lm):	2132 lm	2249 lm	4264 lm	4498 lm	6396 lm	6747 lm
Correlated color temperature (K):	3000K	4000K	3000K	4000K	3000K	4000K
On-mode power (Pon) (W):	14,7W	14,7W	29,4W	29,4W	44,1W	44,1W
Standby power (Psb):	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
Networked standby power (Pnet) (W):	-	-	-	-	-	-
Outer dimensions (HxWxL, Hx0) (mm):	70x52x570 (mm)	70x52x570 (mm)	70x52x1140 (mm)	70x52x1140 (mm)	70x52x1710 (mm)	70x52x1710 (mm)
CRI:	80	80	80	80	80	80
Chromaticity coordinates (x and y):	x=0.4340; y=0.4030	x=0.3830; y=0.3800	x=0.4340; y=0.4030	x=0.3830; y=0.3800	x=0.4340; y=0.4030	x=0.3830; y=0.3800
Peak luminous intensity (cd):	-	-	-	-	-	-
Beam angle in degrees:	120°	120°	120°	120°	120°	120°
R9 color rendering index:	50	50	50	50	50	50
Survival factor:	90%	90%	90%	90%	90%	90%
Lumen maintenance factor:	96%	96%	96%	96%	96%	96%
Displacement factor (cosφ 1)	0,95	0,95	0,95	0,95	0,95	0,95
McAdam ellipses:	3	3	3	3	3	3
Flicker metric (Pst LM):	≤1	≤1	≤1	≤1	≤1	≤1
Stroboscopic effect metric (SVM):	≤0.4	≤0.4	≤0.4	≤0.4	≤0.4	≤0.4
Ponmax:	19,27W	20,24W	37,03W	38,98W	54,80W	57,73W
	<b>RP50WW60 MWH/MBK</b>	<b>RP50NW60 MWH/MBK</b>				
Lighting technology used:	LED	LED				
Directional or non-directional:	NDLS	NDLS				
Mains or non-mains:	NMLS	NMLS				
CLS:	No	No				
Color tunable light source:	No	No				
Anti-glare shield:	No	No				
Dimmable:	No	No				
Energy consumption (kWh/1000h):	58,8 kWh/1000h	58,8 kWh/1000h				
Energy efficiency class:	C	C				
Useful luminous flux (Φuse) (lm):	8528 lm	8996 lm				
Correlated color temperature (K):	3000K	4000K				
On-mode power (Pon) (W):	58,8W	58,8W				
Standby power (Psb):	≤0.5	≤0.5				
Networked standby power (Pnet) (W):	-	-				
Outer dimensions (HxWxL, Hx0) (mm):	70x52x2280 (mm)	70x52x228 (mm)				
CRI:	80	80				
Chromaticity coordinates (x and y):	x=0.4340; y=0.4030	x=0.3830; y=0.3800				
Peak luminous intensity (cd):	-	-				
Beam angle in degrees:	120°	120°				
R9 color rendering index:	50	50				
Survival factor:	90%	90%				
Lumen maintenance factor:	96%	96%				
Displacement factor (cosφ 1)	0,95	0,95				
McAdam ellipses:	3	3				
Flicker metric (Pst LM):	≤1	≤1				
Stroboscopic effect metric (SVM):	≤0.4	≤0.4				
Ponmax:	72,57W	76,47W				