



MESSENGER 6000 SERIES



Third Party conformance Test Results Messenger 6000

8" character size

Characteristics	Performances required by NEMA TS4	M6000 Performances
Color	590 nm (+/-5)	590 nm (+/-5)
Luminance	7440	16,640 cd/m ²
Contrast ratio	6	17
Angularity	Class E +/- 15° horizontal -10° vertical	+/- 15° horizontal -10° vertical
Temperature	-34° / +74°C	-34° / +74°C
Protection	NEMA 3R	NEMA 3R

12" character size

Characteristics	Performances required by NEMA TS4	M6000 Performances
Color	590 nm (+/-5)	590 nm (+/-5)
Luminance	7440	14,000 cd/m ²
Contrast ratio	6	14
Angularity	Class E +/- 15° horizontal -10° vertical	+/- 15° horizontal -10° vertical
Temperature	-34° / +74°C	-34° / +74°C
Protection	NEMA 3R	NEMA 3R

18" character size

Characteristics	Performances required by NEMA TS4	M6000 Performances
Color	590 nm (+/-5)	590 nm (+/-5)
Luminance	7440	16,100 cd/m ²
Contrast ratio	6	15
Angularity	Class E +/- 15° horizontal -10° vertical	+/- 15° horizontal -10° vertical
Temperature	-34° / +74°C	-34° / +74°C
Protection	NEMA 3R	NEMA 3R

MESSENGER 6000 EXCEEDS OPTICAL REQUIREMENTS OF NEMA TS4